



JOSE LUIS PEDRAZ MUÑOZ

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JOSE LUIS PEDRAZ MUÑOZ

Surname(s): **PEDRAZ MUÑOZ**
Name: **JOSE LUIS**
DNI: **[REDACTED]**
Dialnet: **2513894**
OPENALEX: **A5070577695**
ORCID: **0000-0002-3938-2267**
ScopusID: **7005636035**
Email: **[REDACTED]**

Current position: **Catedrático de Universidad**



Education

University education

Doctorates

Thesis title: Cinética de biotransformación de ketamina

Thesis director: Alfonso Jesús Ladislao Domínguez-Gil Hurlé

Thesis co-director: José Martínez Lanao

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** In vitro evaluation of liposomes tailored for non-invasive delivery of the model antigen ovalbumin to skin, nose, and lungs
Type of project: Doctoral thesis
Co-director of thesis: Maria Manconi
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Matteo Aroffu
Date of reading: 2024
- 2** **Project title:** Estudio de efectividad, seguridad y eficiencia de los nuevos anticoagulantes orales en el tratamiento de la fibrilación auricular no valvular en la CAPV mediante un estudio poblacional de seguimiento
Type of project: Doctoral thesis
Co-director of thesis: Javier Mar Medina
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Iñigo Ramon Gorostiza Hormaeche
Date of reading: 2023
- 3** **Project title:** Evaluation of the biophysical performance upon the integration of helper components into cationic niosomes for the treatment of both retinal and brain diseases by gene therapy approach
Type of project: Doctoral thesis
Co-director of thesis: Gustavo Puras Ochoa
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Nuseibah Hasan Flayyeh Al Qtaish
Date of reading: 2023
- 4** **Project title:** Nanocellulose-alginate-based bioinks for 3D bioprinting and osteochondral regeneration
Type of project: Doctoral thesis
Co-director of thesis: Laura Saenz del Burgo Martínez
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Markel Lafuente Merchan
Date of reading: 2023



- 5** **Project title:** Development and characterization of non-viral vectors based on cationic niosomes to address cystic fibrosis disease by gene therapy approach
Type of project: Doctoral thesis
Co-director of thesis: Gustavo Puras Ochoa
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Myriam Sainz Ramos
Date of reading: 2022
- 6** **Project title:** Design and evaluation of novel electroconductive alginate hydrogels based on graphene oxide and reduced graphene oxide with applications in tissue engineering
Type of project: Doctoral thesis
Co-director of thesis: Laura Saenz del Burgo Martínez
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Ahmed Khalaf Reyad Raslan
Date of reading: 2022
- 7** **Project title:** Development of a stem cells-based gene therapy approach mediated by non-viral vectors with potential clinical applications in regenerative medicine
Type of project: Doctoral thesis
Co-director of thesis: Gustavo Puras Ochoa
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Noha Elsayed Attia Hussien
Date of reading: 2020
- 8** **Project title:** Application of green nanoscience to olive polyphenols: formulation design and biological evaluation of oleuropein-loaded nanstructured lipid carriers
Type of project: Doctoral thesis
Co-director of thesis: Eusebio Gainza Lafuente
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Amaya Huguet Casquero
Date of reading: 2020
- 9** **Project title:** Design, elaboration, characterization and evaluation of niosome formulations for gene delivery to retina and brain
Type of project: Doctoral thesis
Co-director of thesis: Gustavo Puras Ochoa
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Mohamed Admed Mashal
Date of reading: 2020
- 10** **Project title:** Optimization and application of encapsulation technology for cell therapy in diabetes
Type of project: Doctoral thesis
Co-director of thesis: Jesus Ciriza Astrain
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Alberto Cañibano Hernández
Date of reading: 2019
- 11** **Project title:** Micro-and macroencapsulation technologies for advanced B-cell replacement in type 1 diabetes mellitus
Type of project: Doctoral thesis



Co-director of thesis: Laura Saenz del Burgo Martínez
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Albert Espona Noguera
Date of reading: 2019

12 Project title: Tailored gelatin-based three-dimensional systems for bone tissue engineering

Type of project: Doctoral thesis

Co-director of thesis: Gorka Orive Arroyo

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: María del Carmen Echave Otaño

Date of reading: 2019

13 Project title: Development and evaluation of non-viral gene delivery vectors and their combination with hydrogel scaffold technology

Type of project: Doctoral thesis

Co-director of thesis: Jon Zarate Sesma

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Ane Ilia Villate Beitia

Date of reading: 2018

14 Project title: Determination of optimal cryoprotectant agents for 3D cell-based products cryopreservation by slow freezing

Type of project: Doctoral thesis

Co-director of thesis: Jesus Ciriza Astrain

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Haritz Gurruchaga Iribar

Date of reading: 2018

15 Project title: Pulmonary delivery of antibiotic-loaded lipid nanoparticles for the treatment of Pseudomonas aeruginosa infections associated with cystic fibrosis

Type of project: Doctoral thesis

Co-director of thesis: Amaia Esquisabel Alegría

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: María Moreno Sastre

Date of reading: 2016

16 Project title: Polyplexes based on ultrapure oligochitosans: design, characterization and applications for gene therapy.

Type of project: Doctoral thesis

Co-director of thesis: Jon Zarate Sesma

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Mireia Agirre Díez

Date of reading: 2016

17 Project title: The role of the cationic and helper lipids on niosomes for gene delivery applications: transfection of retina and brain as a main goal.

Type of project: Doctoral thesis

Co-director of thesis: Gustavo Puras Ochoa

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Edilberto Ojeda Hernandez

Date of reading: 2016



- 18** **Project title:** Development of nanoparticles encapsulating bioactive peptides to recover telomerase activity: application in the treatment of dyskeratosis congenita
Type of project: Doctoral thesis
Co-director of thesis: Manuela Igartua Olaechea
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Susana Patricia Egusquiaguirre Martín
Date of reading: 2014
- 19** **Project title:** Optimization of cell microencapsulation in terms of biosafety, biomimesis and applicability in therapeutic targets of central nervous system
Type of project: Doctoral thesis
Co-director of thesis: Gorka Orive Arroyo
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Edorta Santos Vizcaíno
Date of reading: 2013
- 20** **Project title:** Gastro-resistant microparticles as an oral cholera vaccine approach
Type of project: Doctoral thesis
Co-director of thesis: Amaia Esquisabel Alegría
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Marta Pastor Navarro
Date of reading: 2013
- 21** **Project title:** Terapia celular para el tratamiento de la enfermedad de Alzheimer: angiogénesis terapéutica inducida por células microencapsuladas secretoras del factor de crecimiento del endotelio vascular
Type of project: Doctoral thesis
Co-director of thesis: Gorka Orive Arroyo
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Aitziber Portero Landa
Date of reading: 2012
- 22** **Project title:** Utilización de la granulación por fusión en la obtención de comprimidos matriciales de liberación modificada
Type of project: Doctoral thesis
Co-director of thesis: Manuela Igartua Olaechea
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Lourdes Ochoa Díaz de Monasterioguren
Date of reading: 2011
- 23** **Project title:** Análisis de la situación de los centros de información de medicamentos extra-hospitalarios en España
Type of project: Doctoral thesis
Co-director of thesis: Adolfo González Goicoechea
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Juan del Arco Ortiz de Zárate
Date of reading: 2007
- 24** **Project title:** Microencapsulación de células como alternativa para el tratamiento de enfermedades neurodegenerativas: Parkinson
Type of project: Doctoral thesis



Co-director of thesis: Gorka Orive Arroyo; Rosa María Hernández Martín

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Sara Ponce Marquez

Date of reading: 2007

- 25** **Project title:** Utilización de microesferas de plga como sistema de inmunopotenciación. Aplicación al desarrollo de la vacuna sintética contra la malaria spf66

Type of project: Doctoral thesis

Co-director of thesis: Rosa María Hernández Martín

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Javier Eduardo Rosas Pérez

Date of reading: 2006

- 26** **Project title:** Eliminación de beta-lactámicos y enoxaparina en pacientes críticos sometidos a técnicas continuas de reemplazo renal

Type of project: Doctoral thesis

Co-director of thesis: Alicia Rodríguez Gascón

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Arantxazu Isla Ruiz

Date of reading: 2006

- 27** **Project title:** Influencia de la funcionalidad renal en la farmacocinética de piperacilina/tazobactam en pacientes críticos sometidos a hemofiltración venovenosa continua

Type of project: Doctoral thesis

Co-director of thesis: Alicia Rodríguez Gascón

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Alazne Arzuaga Munsuri

Date of reading: 2006

- 28** **Project title:** Influence of simulated intestinal media on permeability of a poorly soluble compound across caco-2 cell monolayers

Type of project: Doctoral thesis

Co-director of thesis: Gjelstrup Kristensen Henning

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: David Javier Ilardia Arana

Date of reading: 2003

- 29** **Project title:** Desarrollo de micro y nanopartículas poliméricas para la administración de vacunas por distintas vías mucosas

Type of project: Doctoral thesis

Co-director of thesis: Rosa María Hernández Martín

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Ibon Gutierro Aduriz

Date of reading: 2003

- 30** **Project title:** Optimización tecnológica de la microencapsulación de células con fines terapéuticos

Type of project: Doctoral thesis

Co-director of thesis: Rosa María Hernández Martín

Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea

Student: Gorka Orive Arroyo

Date of reading: 2003



- 31** **Project title:** Sistemas microparticulares para potenciar y modular la inmunogenicidad de la vacuna sintética antimalarica spf66
Type of project: Doctoral thesis
Co-director of thesis: Rosa María Hernández Martín
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Angel Montero Carcaboso
Date of reading: 2003
- 32** **Project title:** Farmacocinética-farmacodinamia de ofloxacino y pefloxacino en profilaxis de cirugía biliar
Type of project: Doctoral thesis
Co-director of thesis: Alicia Rodríguez Gascón
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Eugenia Campo Cimarras
Date of reading: 2000
- 33** **Project title:** Liberación de los enantiómeros de salbutamol y ketodrofeno a partir de matrices elaboradas con excipientes quirales
Type of project: Doctoral thesis
Co-director of thesis: Begoña Calvo Hernáez
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: María Ángeles Solinís Aspiazu
Date of reading: 2000
- 34** **Project title:** Desarrollo y evaluación de matrices lipídicas de sulfato de salbutamol con gelucire
Type of project: Doctoral thesis
Co-director of thesis: Rosa María Hernández Martín
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Amaya San Vicente Urrutia
Date of reading: 1998
- 35** **Project title:** Utilización de hidrogeles para la inmovilización de células: aplicación a la microencapsulación de BCG
Type of project: Doctoral thesis
Co-director of thesis: Rosa María Hernández Martín
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Amaia Esquisabel Alegría
Date of reading: 1998
- 36** **Project title:** Aplicación de microesferas de polímeros biodegradables al desarrollo de vacunas de péptidos y proteínas
Type of project: Doctoral thesis
Co-director of thesis: Rosa María Hernández Martín
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea
Student: Manuela Igartua Olaechea
Date of reading: 1998
- 37** **Project title:** Influencia de la hepatectomía parcial sobre la actividad de los sistemas enzimáticos microsomiales hepáticos
Type of project: Doctoral thesis
Entity: Universidad del País Vasco - Euskal Herriko Unibertsitatea



Student: Ana María de la Maza Uriarte

Date of reading: 1996

38 Project title: Evaluacion biofarmaceutica y farmacocinetica de nuevas formulaciones de sulfato de salbutamol

Type of project: Doctoral thesis

Entity: Universidad de Salamanca

Student: Rosa María Hernández Martín

Date of reading: 1993

39 Project title: Estudio de la capacidad de inhibicion enzimatica de dos nuevos agentes antiulcerosos

Type of project: Doctoral thesis

Entity: Universidad de Salamanca

Student: Alicia Rodríguez Gascón

Date of reading: 1993

Scientific and technological experience

Research and development groups/teams

Name of the group: NanoBioCel: Grupo de Micro y Nano Tecnologías, Biomateriales y Células - GIC 21/005

Name of principal investigator: JOSE LUIS PEDRAZ MUÑOZ **Number of members in the group:** 27

Affiliation entity: Universidad del País Vasco / Euskal Herriko Unibertsitatea

Results

Industrial and intellectual property

1 Title registered industrial property: Molécula de ácido nucleico, proteína de fusión y método para modificar el material genético de una célula

Type of industrial property: Patent of invention

Inventors/authors/obtainers: GAINZA LAFUENTE Eusebio; GAINZA LUCEA Garazi; DEL POZO PEREZ Angel; PASTOR NAVARRO Marta; PEDRAZ MUÑOZ José Luis; VIÑAS CIORDIA Miguel; BACHILLER PEREZ Daniel; GALVEZ JEREZ Victor

Nº of application: P201530874

Date of register: 19/06/2015

Conferral date: 19/09/2017

Nº of patent: 2594486

Spanish patent: Yes

EU patent: No

International non-EU patent: No

2 Title registered industrial property: Nanopartícula lipídica de tobramicina

Type of industrial property: Patent of invention

Inventors/authors/obtainers: GAINZA LAFUENTE Eusebio Jesús; VILLULLAS RINCÓN Silvia; IBARROLA MORENO Oihane; GAÍNZA LUZEA Garazi; HERRÁN MARTÍNEZ Enara; AGUIRRE ANDA José Javier; DEL POZO PÉREZ Ángel; PEDRAZ MUÑOZ José Luis; ESQUISABEL ALEGRÍA Amaia; MORENO



SASTRE María; PASTOR NAVARRO Marta; VIÑAS CIORDIA Miguel; VINUESA AUMEDES María Teresa;
BACHILLER PÉREZ Daniel

Nº of application: P201431894

Date of register: 19/12/2014

Conferral date: 17/07/2017

Nº of patent: 2574615

Spanish patent: Yes

EU patent: No

International non-EU patent: No

3 Title registered industrial property: Nanopartícula lipídica de polimixina

Type of industrial property: Patent of invention

Inventors/authors/obtainers: GAINZA LAFUENTE EUSEBIO; DEL POZO PEREZ ANGEL; GAINZA LUCEA GARAZI; IBARROLA MORENO OIHANE; VILLULLAS RINCON SILVIA; FERNANDEZ PLAGARO RAÚL; BACHILLER PEREZ DANIEL; PEDRAZ MUÑOZ JOSÉ LUIS; ESQUISABEL ALEGRIA AMAYA; PASTOR NAVARRO MARTA; FUSTE DOMINGUEZ ESTER; SANS SERRAMIT JANA EULALIA; GIL MARTIN IRAIDA

Nº of application: PCT/ES2014/070538

Date of register: 03/07/2013

Nº of patent: 2726849

Spanish patent: No

EU patent: No

International non-EU patent: Yes

4 Title registered industrial property: MÉTODO PARA EL TRATAMIENTO DE ENFERMEDADES NEURODEGENERATIVAS.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: ORIVE ARROYO Gorka; HERNÁNDEZ MARTÍN Rosa María; SPUCH CALVAR Carlos; ANTEQUERA TIENDA Desiree; BERMEJO-PAREJA Félix; CARRO DÍAZ Eva; PEDRAZ MUÑOZ José Luis

Nº of application: P200900331

Date of register: 05/02/2009

Conferral date: 14/01/2013

Nº of patent: 2376930

Spanish patent: Yes

EU patent: No

International non-EU patent: No

5 Title registered industrial property: EMPLEO DE MICROPARTÍCULAS PARA SU USO COMO VACUNAS Y LA LIBERACIÓN DE MOLÉCULAS BIOLÓGICAMENTE ACTIVAS.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: HERNANDEZ MARTIN ROSA MARIA; IGARTUA OLAECHEA MANUELA; PEDRAZ MUÑOZ JOSÉ LUIS

Nº of application: P200902068

Date of register: 14/11/2007

Conferral date: 08/03/2012

Nº of patent: 2358703

Spanish patent: Yes

EU patent: No

International non-EU patent: No

6 Title registered industrial property: NANOPARTÍCULAS LIPÍDICAS PARA TERAPIA GÉNICA.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: RODRIGUEZ GASCON ALICIA; SOLINIS ASPIAZU MARIA ANGELES; PEDRAZ MUÑOZ JOSE LUIS; DELGADO SAN VICENTE DIEGO; DEL POZO RODRIGUEZ ANA

Nº of application: P200901664



Date of register: 28/07/2009

Conferral date: 23/09/2011

Nº of patent: 2351756

Spanish patent: Yes

EU patent: No

International non-EU patent: No

- 7 Title registered industrial property:** EMPLEO DE MICROPARTICULAS QUE COMPRENDEN CELULAS MODIFICADAS GENETICAMENTE EN EL TRATAMIENTO DE ENFERMEDADES NEURODEGENERATIVAS

Type of industrial property: Patent of invention

Inventors/authors/obtainers: HERNANDEZ MARTINROSA MARIA; ORIVE ARROYO GORKA; SPUCH CALVAR CARLOS; ANTEQUERA TIENDA DESIREE; BERMEJO-PAREJA FELIX; CARRO DIAZ EVA; PEDRAZ MUOZJOSE LUIS

Nº of application: P200802217

Date of register: 24/07/2008

Conferral date: 11/10/2010

Nº of patent: 2332169

Spanish patent: Yes

EU patent: No

International non-EU patent: No

- 8 Title registered industrial property:** EMPLEO DE MICROPARTICULAS PARA SU USO COMO VACUNAS Y LA LIBERACION DE MOLECULAS BIOLOGICAMENTE ACTIVAS.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: HERNANDEZ MARTINROSA MARIA; IGARTUA OLAECHEA MANUELA; PEDRAZ MUOZJOSE LUIS

Nº of application: P200703014

Date of register: 14/11/2007

Conferral date: 23/07/2010

Nº of patent: 2327375

Spanish patent: Yes

EU patent: No

International non-EU patent: No

- 9 Title registered industrial property:** MICROPARTICULAS DE ALGINATO MODIFICADO CON RGD COMO SISTEMA DE LIBERACION DE FARMACOS.

Type of industrial property: Patent of invention

Inventors/authors/obtainers: ORIVE ARROYOGORKA; PEDRAZ MUOZJOSE LUIS; HERNANDEZ MARTIN ROSA MARIA

Nº of application: P200701790

Date of register: 26/06/2007

Conferral date: 23/02/2010

Nº of patent: 2322637

Spanish patent: Yes

EU patent: No

International non-EU patent: No

- 10 Title registered industrial property:** Nanopartículas lipídicas para terapia génica

Type of industrial property: Patent of invention

Inventors/authors/obtainers: RODRÍGUEZ GASCÓN ALICIA; SOLINÍS ASPIAZU MARÍA ANGELES; DEL POZO RODRÍGUEZ ANA; DELGADO SAN VICENTE DIEGO; PEDRAZ MUÑOZ JOSÉ LUIS

Nº of application: PCT/ES2010/070519

Date of register: 28/07/2009

Nº of patent: 2652489

Spanish patent: No

EU patent: No

International non-EU patent: Yes

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Kaoutar Ziani; Javier Plou; Laura Saenz-del-Burgo; Isabel García; Jesús Ciriza; Jose Luis Pedraz. Hyaluronic acid incorporation into hybrid alginate-based bioinks promotes long term viability and controlled release of 3D embedded scaffolds mesenchymal stem cells in absence of Dimethyl Sulfoxide cryoprotectant. Journal of Drug Delivery Science and Technology. Vol. 106, (France): Editions de Sante, 01/04/2025. ISSN 1773-2247
DOI: 10.1016/J.JDDST.2025.106749
SCOPUS: 20250827604
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 0
Citations: 0
- 2** Rita Abi Rached; Ashok K. Shakya; Federica Fulgheri; Matteo Aroffu; Ines Castangia; Fátima García-Villén; Maria Ferraro; Xavier Fernández-Busquets; Jose Luis Pedraz; Nicolas Louka; Richard G. Maroun; Maria Manconi; Maria Letizia Manca. Resveratrol and grape pomace extract incorporated in modified phospholipid vesicles: A potential strategy to mitigate cigarette smoke-induced oxidative stress. Free Radical Biology and Medicine. Vol. 230, pp. 151 - 162. (United States of America): Elsevier Inc., 16/03/2025. ISSN 1873-4596, ISSN 0891-5849
DOI: 10.1016/J.FREERADBIOMED.2025.02.009
SCOPUS: 20250643016
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 13
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 0
Citations: 0
- 3** Letian Tang; Shuyang Xie; Danyang Wang; Yiyang Wei; Xiaopu Ji; Yicheng Wang; Nana Zhao; Zonglei Mou; Baoping Li; Wan Ru Sun; Ping Yu Wang; Nicola Paccione Basmadji; José Luis Pedraz; Claudia Vairo; Eusebio Gainza Lafuente; Murugan Ramalingam; Xiaofei Xiao; Ranran Wang. Astragalus polysaccharide/carboxymethyl chitosan/sodium alginate based electroconductive hydrogels for diabetic wound healing and muscle function assessment. Carbohydrate Polymers. Vol. 350, (United Kingdom): Elsevier Ltd, 15/02/2025. ISSN 0144-8617
DOI: 10.1016/J.CARBPOL.2024.123058
SCOPUS: 20244784490
Type of production: Scientific paper
Position of signature: 13
Total no. authors: 18
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 2

**Source of citations:** WOS**Citations:** 0

- 4** Edorta Santos-Vizcaino; María Virumbrales-Muñoz; Ainhoa Gonzalez-Pujana; Gary D. Luker; Ignacio Ochoa; Rosa Maria Hernandez; Jose Luis Pedraz. Genipin-crosslinked double PLL membranes overcome the strength-diffusion trade-off in cell encapsulation without compromising biocompatibility. International Journal of Pharmaceutics. Vol. 670, (Holland): Elsevier B.V., 10/02/2025. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2025.125196**SCOPUS:** 20250164771**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Source of citations:** SCOPUS**Citations:** 0**Source of citations:** WOS**Citations:** 0

- 5** Jian Sun; Deqiang Wang; Yiyang Wei; Danyang Wang; Zhengkun Ji; Wanru Sun; Xin Wang; Pingyu Wang; Nicola Paccione Basmadji; Eider Larrarte; José Luis Pedraz; Murugan Ramalingam; Shuyang Xie; Ranran Wang. Capsaicin-induced Ca²⁺ overload and ablation of TRPV1-expressing axonal terminals for comfortable tumor immunotherapy. Nanoscale. Vol. 17, pp. 3288 - 3305. (United Kingdom): Royal Society of Chemistry, 17/12/2024. ISSN 2040-3372, ISSN 2040-3364

DOI: 10.1039/D4NR04454A**SCOPUS:** 20245093491**Type of production:** Scientific paper**Position of signature:** 11**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 14**Source of citations:** SCOPUS**Citations:** 0**Source of citations:** WOS**Citations:** 0

- 6** Matteo Aroffu; Rita Abi Rached; Ines Castangia; Paola Italiani; Luciana D'Apice; Xavier Fernández-Busquets; Amparo Nacher; Maria Manconi; José Luis Pedraz; Maria Letizia Manca. A preliminary investigation on hydrogel disks imbued with enriched transfersomes as promising tool to promote the cutaneous deposition of vaccine antigens. Journal of Drug Delivery Science and Technology. Vol. 102, (France): Editions de Sante, 01/12/2024. Available on-line at: <<https://doi.org/10.1016/j.jddst.2024.106399>>. ISSN 1773-2247

DOI: 10.1016/J.JDDST.2024.106399**SCOPUS:** 20244541163**Type of production:** Scientific paper**Position of signature:** 9**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Source of citations:** SCOPUS**Citations:** 0**Source of citations:** WOS**Citations:** 0

- 7** Mohamed Mashal; Noha Attia; Iván Maldonado; Lucía Enríquez Rodríguez; Idoia Gallego; Gustavo Puras; José Luis Pedraz. Comparative analysis of lipid-peptide nanoparticles prepared via microfluidics, reverse phase evaporation, and ouzo techniques for efficient plasmid DNA delivery. European Journal of Pharmaceutics and Biopharmaceutics. Vol. 201, (Holland): Elsevier B.V., 01/08/2024. ISSN 1873-3441, ISSN 0939-6411

DOI: 10.1016/J.EJPB.2024.114385**SCOPUS:** 20242637170**Type of production:** Scientific paper**Format:** Journal

**Position of signature:** 7**Total no. authors:** 7**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 0**Citations:** 0

- 8** Xiao Qian Hu; Jia Zhi Zhu; Zhaokun Hao; Letian Tang; Jian Sun; Wan Ru Sun; Jiaxiang Hu; Ping Yu Wang; Nicola Paccione Basmadji; José Luis Pedraz; Claudia Vairo; Eusebio Gainza Lafuente; Murugan Ramalingam; Shuyang Xie; Ranran Wang. Renewable Electroconductive Hydrogels for Accelerated Diabetic Wound Healing and Motion Monitoring. *Biomacromolecules*. Vol. 25, pp. 3566 - 3582. (United States of America): American Chemical Society, 10/06/2024. ISSN 1526-4602, ISSN 1525-7797

DOI: 10.1021/ACS.BIOMAC.4C00205**PMID:** 38780026**SCOPUS:** 20242176004**Type of production:** Scientific paper**Position of signature:** 10**Total no. authors:** 15**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 4**Citations:** 5

- 9** Yunmeng Li; Deqiang Wang; Jian Sun; Zhaokun Hao; Letian Tang; Wanru Sun; Xuehua Zhang; Pingyu Wang; Sandra Ruiz-Alonso; José Luis Pedraz; Hae-Won Kim; Murugan Ramalingam; Shuyang Xie; Ranran Wang. Calcium Carbonate/Polydopamine Composite Nanoplatfrom Based on TGF- β Blockade for Comfortable Cancer Immunotherapy. *ACS Applied Materials and Interfaces*. Vol. 16, pp. 3187 - 3201. (United States of America): American Chemical Society, 24/01/2024. ISSN 1944-8252, ISSN 1944-8244

DOI: 10.1021/ACSAMI.3C16571**PMID:** 38206677**SCOPUS:** 20240264899**Type of production:** Scientific paper**Position of signature:** 10**Total no. authors:** 14**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 2**Citations:** 1

- 10** Sandra Ruiz-Alonso; Jorge Ordoyo-Pascual; Markel Lafuente-Merchan; Fátima García-Villén; Myriam Sainz-Ramos; Idoia Gallego; Laura Saenz-Del-Burgo; Jose L. Pedraz. Hydrogel bioink formulation for 3D bioprinting: Sustained delivery of PDGF-BB and VEGF in biomimetic scaffolds for tendon partial rupture repair. *International Journal of Bioprinting*. Vol. 10, pp. 442 - 467. (Singapore): AccScience Publishing, 2024. Available on-line at: <<https://doi.org/10.36922/ijb.2632>>. ISSN 2424-8002

DOI: 10.36922/IJB.2632**SCOPUS:** 20242692180**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 0

- 11** Giovanna Revilla; Nuseibah Al Qtaish; Pablo Caruana; Myriam Sainz-Ramos; Tania Lopez-Mendez; Francisco Rodriguez; Verónica Paez-Espinosa; Changda Li; Núria Fucui Vallverdú; Maria Edwards; Antonio Moral; José Ignacio Pérez; Juan Carlos Escolà-Gil; José Luis Pedraz; Idoia Gallego; Rosa Corcoy; María Virtudes Céspedes; Gustavo Puras; Eugènia Mato. Lenvatinib-Loaded Poly(lactic-co-glycolic acid) Nanoparticles with Epidermal Growth Factor Receptor Antibody Conjugation as a Preclinical Approach to Therapeutically Improve Thyroid Cancer with Aggressive Behavior. *Biomolecules*. Vol. 13, (Switzerland): Multidisciplinary Digital Publishing Institute (MDPI), 01/11/2023. Available on-line at: <<https://doi.org/10.3390/biom13111647>>. ISSN 2218-273X
DOI: 10.3390/BIOM13111647
PMID: 38002329
SCOPUS: 20234466039
Type of production: Scientific paper
Position of signature: 14
Total no. authors: 19
Impact source: ISI
Impact index in year of publication: 4.8
Impact source: SCOPUS
Impact index in year of publication: 1.179
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 3
Citations: 3
- 12** Fatima Garcia-Villen; Idoia Gallego; Myriam Sainz-Ramos; Jorge Ordoyo-Pascual; Sandra Ruiz-Alonso; Laura Saenz-del-Burgo; Conor O'Mahony; Jose Luis Pedraz. Stability of Monoclonal Antibodies as Solid Formulation for Auto-Injectors: A Pilot Study. *Pharmaceutics*. Vol. 15, (Switzerland): Multidisciplinary Digital Publishing Institute (MDPI), 01/08/2023. Available on-line at: <<https://doi.org/10.3390/pharmaceutics15082049>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS15082049
SCOPUS: 20233221854
Type of production: Scientific paper
Position of signature: 8
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 4.9
Impact source: SCOPUS
Impact index in year of publication: 0.892
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 1
Citations: 1
- 13** José David Celdrán; Lawrence Humphreys; Desirée González; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Iván Maldonado; Idoia Gallego; Ilia Villate-Beitia; Myriam Sainz-Ramos; Gustavo Puras; José Luis Pedraz; Eduardo Fernández. Assessment of Different Niosome Formulations for Optogenetic Applications: Morphological and Electrophysiological Effects. *Pharmaceutics*. Vol. 15, (Switzerland): Multidisciplinary Digital Publishing Institute (MDPI), 01/07/2023. Available on-line at: <<https://doi.org/10.3390/pharmaceutics15071860>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS15071860
SCOPUS: 20232892950
Type of production: Scientific paper
Position of signature: 11
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 12**Impact source:** ISI**Impact index in year of publication:** 4.9**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.892**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 0**Source of citations:** WOS**Citations:** 0

- 14** Nuseibah H. AL Qtaish; Ilia Villate-Beitia; Idoia Gallego; Gema Martínez-Navarrete; Cristina Soto-Sánchez; Myriam Sainz-Ramos; Tania B Lopez-Mendez; Alejandro J. Paredes; Francisco Javier Chichón; Noelia Zamarreño; Eduardo Fernández; Gustavo Puras; José Luis Pedraz. Long-term biophysical stability of nanodiamonds combined with lipid nanocarriers for non-viral gene delivery to the retina. International Journal of Pharmaceutics. Vol. 639, (Holland): Elsevier B.V., 25/05/2023. Available on-line at: <<https://doi.org/10.1016/j.ijpharm.2023.122968>>. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2023.122968**PMID:** 37080363**SCOPUS:** 20231546017**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 13**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 13**Impact source:** ISI**Impact index in year of publication:** 5.3**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.954**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 1**Source of citations:** WOS**Citations:** 1

- 15** Xin Zheng Liu; Zhi Juan Wen; Yun Meng Li; Wan Ru Sun; Xiao Qian Hu; Jia Zhi Zhu; Xin Yu Li; Ping Yu Wang; José Luis Pedraz; Jung-Hwan Lee; Hae-Won Kim; Murugan Ramalingam; Shuyang Xie; Ranran Wang. Bioengineered Bacterial Membrane Vesicles with Multifunctional Nanoparticles as a Versatile Platform for Cancer Immunotherapy. ACS Applied Materials and Interfaces. Vol. 15, pp. 3744 - 3759. (United States of America): American Chemical Society, 25/01/2023. ISSN 1944-8252, ISSN 1944-8244

DOI: 10.1021/ACSAMI.2C18244**PMID:** 36630299**SCOPUS:** 20230233271**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 14**Impact source:** ISI**Impact index in year of publication:** 8.5**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.058**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 41**Source of citations:** WOS**Citations:** 37



- 16** Lorena Olivares-González; Sheyla Velasco; Idoia Gallego; Marina Esteban-Medina; Gustavo Puras; Carlos Loucera; Alicia Martínez-Romero; María Peña-Chilet; José Luis Pedraz; Regina Rodrigo. An SPM-Enriched Marine Oil Supplement Shifted Microglia Polarization toward M2, Ameliorating Retinal Degeneration in rd10 Mice. *Antioxidants*. Vol. 12, (Switzerland): MDPI, 01/01/2023. Available on-line at: <<https://doi.org/10.3390/antiox12010098>>. ISSN 2076-3921

DOI: 10.3390/ANTIOX12010098

SCOPUS: 20230322437

Type of production: Scientific paper

Position of signature: 9

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 6.0

Impact source: SCOPUS

Impact index in year of publication: 1.222

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 10

Citations: 8

- 17** Noha Attia; Yasmine H. Khalifa; Mohamed Mashal; Gustavo Puras; José Luis Pedraz. Stem Cell-Derived Extracellular Vesicles as a Potential Therapeutic Tool for Eye Diseases: From Benchtop to Bedside. *Advances in experimental medicine and biology*. Vol. 1410, pp. 127 - 143. (United States of America): NLM (Medline), 2023. ISSN 0065-2598

DOI: 10.1007/5584_2022_754

PMID: 36525172

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: SCOPUS

Impact index in year of publication: 0.244

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Citations: 1

- 18** Mohamed Mashal; Noha Attia; Santiago Grijalvo; Ramón Eritja; Gustavo Puras; José Luis Pedraz. Stability of polymeric cationic niosomes and their plasmid DNA-based complexes as gene delivery carriers. *Drug Delivery*. Vol. 30, (United Kingdom): Taylor and Francis Ltd., 2023. Available on-line at: <<https://doi.org/10.1080/10717544.2023.2219420>>. ISSN 1521-0464, ISSN 1071-7544

DOI: 10.1080/10717544.2023.2219420

PMID: 37322900

SCOPUS: 20232361703

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 6.5

Impact source: SCOPUS

Impact index in year of publication: 1.155

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 6

- 19** Garcia-Villen Fatima; Guembe Amaia; José María Rey Sáiz; Zúñiga Teresa; Ruiz-Alonso Sandra; Saenz-del-Burgo Laura; Izco Jesús M.; Recalde José I.; Pedraz Jose Luis. Characterization and assessment of new fibrillar collagen inks and bioinks for 3D printing and bioprinting. International Journal of Bioprinting. Vol. 9, pp. 712. 2023. Available on-line at: <<https://accscience.com/journal/IJB/9/3/10.18063/ijb.712>>. ISSN 2424-7723, ISSN 2424-8002

DOI: 10.18063/IJB.712**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 6.8**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.724**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 13**Source of citations:** WOS**Citations:** 12

- 20** Sara Yazdani; Mehrdad Mozaffarian; Gholamreza Pazuki; Naghmeh Hadidi; Idoia Gallego; Gustavo Puras; Jose Luis Pedraz. Design of double functionalized carbon nanotube for amphotericin B and genetic material delivery. Scientific Reports. Vol. 12, (United Kingdom): Nature Research, 01/12/2022. Available on-line at: <<https://doi.org/10.1038/s41598-022-25222-1>>. ISSN 2045-2322

DOI: 10.1038/S41598-022-25222-1**PMID:** 36476955**SCOPUS:** 20224320880**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.6**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.973**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 7**Source of citations:** WOS**Citations:** 8

- 21** Markel Lafuente-Merchan; Sandra Ruiz-Alonso; Fátima García-Villén; Alaitz Zabala; Ana M. Ochoa de Retana; Idoia Gallego; Laura Saenz-del-Burgo; Jose Luis Pedraz. 3D Bioprinted Hydroxyapatite or Graphene Oxide Containing Nanocellulose-Based Scaffolds for Bone Regeneration. Macromolecular Bioscience. Vol. 22, (Germany): John Wiley and Sons Inc, 01/11/2022. Available on-line at: <<https://doi.org/10.1002/mabi.202200236>>. ISSN 1616-5195, ISSN 1616-5187

DOI: 10.1002/MABI.202200236**PMID:** 35981208**SCOPUS:** 20223077237**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 4.6

Impact source: SCOPUS

Impact index in year of publication: 0.855

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 15

Citations: 14

- 22** Ling-Na Han; Kai-Qiang Wang; Zi-Ning Ren; Xue Yang; Xiao Duan; Sasirekha Krishnan; Abinaya Jaisankar; Jeong-Hui Park; Khandmaa Dashnyam; Wujie Zhang; José Luis Pedraz; Seeram Ramakrishna; Hae-Won Kim; Chang-Feng Li; Li-Hua Song; Murugan Ramalingam. One-pot synthesis and enzyme-responsiveness of amphiphilic doxorubicin prodrug nanomicelles for cancer therapeutics. RSC Advances. Vol. 12, pp. 27963 - 27969. (United Kingdom): Royal Society of Chemistry, 30/09/2022. Available on-line at: <<https://doi.org/10.1039/d2ra04436f>>. ISSN 2046-2069

DOI: 10.1039/D2RA04436F

SCOPUS: 20223849599

Type of production: Scientific paper

Position of signature: 11

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 16

Impact source: ISI

Impact index in year of publication: 3.9

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.678

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 1

Source of citations: WOS

Citations: 1

- 23** Xabier Del Corte; Adrián López-Francés; Ilia Villate-Beitia; Myriam Sainz-Ramos; Edorta Martínez de Marigorta; Francisco Palacios; Concepción Alonso; Jesús M. de los Santos; José Luis Pedraz; Javier Vicario. Multicomponent Synthesis of Unsaturated γ -Lactam Derivatives. Applications as Antiproliferative Agents through the Bioisosterism Approach: Carbonyl vs. Phosphoryl Group. Pharmaceuticals. Vol. 15, (Switzerland): MDPI, 01/05/2022. Available on-line at: <<https://doi.org/10.3390/ph15050511>>. ISSN 1424-8247

DOI: 10.3390/PH15050511

SCOPUS: 20221611559

Type of production: Scientific paper

Position of signature: 9

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 4.6

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.799

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 9

Source of citations: WOS

Citations: 0



- 24** Idoia Gallego; Iliá Villate-Beitia; Laura Saenz-Del-Burgo; Gustavo Puras; José Luis Pedraz. Therapeutic Opportunities and Delivery Strategies for Brain Revascularization in Stroke, Neurodegeneration, and Aging. Pharmacological reviews. Vol. 74, pp. 439 - 461. (United States of America): NLM (Medline), 01/04/2022. Available on-line at: <<https://doi.org/10.1124/pharmrev.121.000418>>. ISSN 1521-0081

DOI: 10.1124/PHARMREV.121.000418

PMID: 35302047

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 21.1

Impact source: SCOPUS

Impact index in year of publication: 5.338

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 16

Citations: 16

- 25** Nuseibah Al Qtaish; Idoia Gallego; Alejandro J. Paredes; Iliá Villate-Beitia; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Myriam Sainz-Ramos; Tania B. Lopez-Mendez; Eduardo Fernández; Gustavo Puras; José Luis Pedraz. Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy Nanopatform for Central Nervous System Diseases. ACS Applied Materials and Interfaces. Vol. 14, pp. 13665 - 13677. (United States of America): American Chemical Society, 23/03/2022. Available on-line at: <<https://doi.org/10.1021/acsami.2c02182>>. ISSN 1944-8252, ISSN 1944-8244

DOI: 10.1021/ACSAMI.2C02182

PMID: 35289181

SCOPUS: 20221178307

Type of production: Scientific paper

Position of signature: 11

Total no. authors: 11

Impact source: ISI

Impact index in year of publication: 9.5

Impact source: SCOPUS

Impact index in year of publication: 2.178

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 14

Citations: 14

- 26** Markel Lafuente-Merchan; Sandra Ruiz-Alonso; Alaitz Zabala; Patricia Gálvez-Martín; Juan Antonio Marchal; Blanca Vázquez-Lasa; Idoia Gallego; Laura Saenz-del-Burgo; Jose Luis Pedraz. Chondroitin and Dermatan Sulfate Bioinks for 3D Bioprinting and Cartilage Regeneration. Macromolecular Bioscience. Vol. 22, (Germany): John Wiley and Sons Inc, 01/03/2022. Available on-line at: <<https://hdl.handle.net/20.500.11984/5471>>. ISSN 1616-5195, ISSN 1616-5187

DOI: 10.1002/MABI.202100435

PMID: 35029035

SCOPUS: 20220337266

Type of production: Scientific paper

Position of signature: 9

Format: Journal

**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 4.6**Impact source:** SCOPUS**Impact index in year of publication:** 0.855**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 28**Citations:** 23

- 27** Maryam Rezvani; Maria Letizia Manca; Aldo Muntoni; Giorgia De Gioannis; Jose Luis Pedraz; Gemma Gutierrez; Maria Matos; Anna Maria Fadda; Maria Manconi. From process effluents to intestinal health promotion: Developing biopolymer-whey liposomes loaded with gingerol to heal intestinal wounds and neutralize oxidative stress. International Journal of Pharmaceutics. Vol. 613, (Holland): Elsevier B.V., 05/02/2022. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2021.121389**SCOPUS:** 20214253091**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 5.8**Impact source:** SCOPUS**Impact index in year of publication:** 0.906**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 8**Citations:** 7

- 28** Eleonora Casula; Maria Manconi; Tania Belen Lopez-Mendez; Jose Luis Pedraz; Esteban Calvo; Antonio Lozano; Marco Zaru; Ines Castangia; Germano Orrù; Sara Fais; Maria Letizia Manca. Complementary effect of Zingiber officinalis extract and citral in counteracting non allergic nasal congestion by simultaneous loading in ad hoc formulated phospholipid vesicles. Colloids and Surfaces B: Biointerfaces. Vol. 209, (Holland): Elsevier B.V., 01/01/2022. ISSN 1873-4367, ISSN 0927-7765

DOI: 10.1016/J.COLSURFB.2021.112170**SCOPUS:** 20213716817**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 5.8**Impact source:** SCOPUS**Impact index in year of publication:** 0.868**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 1**Citations:** 0



- 29** Fatima Garcia-Villen; Fernando López-Zárraga; Cesar Viseras; Sandra Ruiz-Alonso; Fouad Al-Hakim; Irene Diez-Aldama; Laura Saenz-del-Burgo; Denis Scaini; Jose Luis Pedraz. Three-dimensional printing as a cutting-edge, versatile and personalizable vascular stent manufacturing procedure: Toward tailor-made medical devices. *International Journal of Bioprinting*. Vol. 9, pp. 219 - 255. (Singapore): Whioce Publishing Pte. Ltd., 2022. Available on-line at: <<https://doi.org/10.18063/IJB.V9I2.664>>. ISSN 2424-8002
DOI: 10.18063/IJB.V9I2.664
SCOPUS: 20231150073
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 8.4
Impact source: SCOPUS
Impact index in year of publication: 0.821
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 8
Citations: 11
- 30** Beatriz Arauzo; Tania B. Lopez-Mendez; Maria Pilar Lobera; Javier Calzada-Funes; Jose Luis Pedraz; Jesus Santamaria. Excipient-free inhalable microparticles of azithromycin produced by electrospray: A novel approach to direct pulmonary delivery of antibiotics. *Pharmaceutics*. Vol. 13, (Switzerland): MDPI, 01/12/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13121988>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS13121988
SCOPUS: 20214010519
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 6.525
Impact source: SCOPUS
Impact index in year of publication: 0.922
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 5
Citations: 0
- 31** Claudia Báez-Díaz; Virginia Blanco-Blázquez; Francisco Miguel Sánchez-Margallo; Esther López; Helena Martín; Albert Espona-Noguera; Javier G. Casado; Jesús Ciriza; José Luis Pedraz; Verónica Crisóstomo. Intrapericardial delivery of apa-microcapsules as promising stem cell therapy carriers in an experimental acute myocardial infarction model. *Pharmaceutics*. Vol. 13, (Switzerland): MDPI, 01/11/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13111824>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS13111824
SCOPUS: 20213769502
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 6.525
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes

**Impact source:** SCOPUS**Impact index in year of publication:** 0.922**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 2**Citations:** 0

- 32** Mohamad Allaw; Maria Letizia Manca; Juan Carmelo Gómez-Fernández; José Luis Pedraz; Maria Carmen Terencio; Octavio Diez Sales; Amparo Nacher; Maria Manconi. Oleuropein multicompartment nanovesicles enriched with collagen as a natural strategy for the treatment of skin wounds connected with oxidative stress. *Nanomedicine*. Vol. 16, pp. 2363 - 2376. (United Kingdom): Future Medicine Ltd., 01/11/2021. ISSN 1748-6963, ISSN 1743-5889

DOI: 10.2217/NNM-2021-0197**PMID:** 34632820**SCOPUS:** 20213730542**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 6.096**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.803**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 15**Source of citations:** WOS**Citations:** 13

- 33** Myriam Sainz-Ramos; Ilia Villate-Beitia; Idoia Gallego; Nuseibah AL Qtaish; Margarita Menéndez; Laura Lagartera; Santiago Grijalvo; Ramón Eritja; Gustavo Puras; José Luis Pedraz. Correlation between biophysical properties of niosomes elaborated with chloroquine and different tensioactives and their transfection efficiency. *Pharmaceutics*. Vol. 13, (Switzerland): MDPI, 01/11/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13111787>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS13111787**SCOPUS:** 20213701245**Type of production:** Scientific paper**Position of signature:** 10**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 6.525**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.922**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 7**Source of citations:** WOS**Citations:** 0

- 34** Eleonora Casula; Maria Manconi; José Antonio Vázquez; Tania Belen Lopez-Mendez; José Luis Pedraz; Esteban Calvo; Antonio Lozano; Marco Zaru; Andreia Ascenso; Maria Letizia Manca. Design of a nasal spray based on cardiospermum halicacabum extract loaded in phospholipid vesicles enriched with gelatin or chondroitin sulfate. *Molecules*. Vol. 26, (Switzerland): MDPI, 01/11/2021. Available on-line at: <<https://doi.org/10.3390/molecules26216670>>. ISSN 1420-3049

**DOI:** 10.3390/MOLECULES26216670**SCOPUS:** 20213933562**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 4.927**Impact source:** SCOPUS**Impact index in year of publication:** 0.705**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** Yes**Citations:** 2**Citations:** 0

- 35** Matteo Perra; Jesús Lozano-Sánchez; Francisco-Javier Leyva-Jiménez; Antonio Segura-Carretero; José Luis Pedraz; Gianluigi Bacchetta; Aldo Muntoni; Giorgia De Gioannis; Maria Letizia Manca; Maria Manconi. Extraction of the antioxidant phytocomplex from wine-making by-products and sustainable loading in phospholipid vesicles specifically tailored for skin protection. *Biomedicine and Pharmacotherapy*. Vol. 142, (France): Elsevier Masson s.r.l., 01/10/2021. Available on-line at: <<https://doi.org/10.1016/j.biopha.2021.111959>>. ISSN 1950-6007, ISSN 0753-3322

DOI: 10.1016/J.BIOPHA.2021.111959**SCOPUS:** 20212565130**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 7.419**Impact source:** SCOPUS**Impact index in year of publication:** 1.194**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 34**Citations:** 32

- 36** Laura Paz-Artigas; Kaoutar Ziani; Clara Alcaine; Claudia Báez-Díaz; Virginia Blanco-Blázquez; Jose Luis Pedraz; Ignacio Ochoa; Jesús Ciriza. Benefits of cryopreservation as long-term storage method of encapsulated cardiosphere-derived cells for cardiac therapy: A biomechanical analysis. *International Journal of Pharmaceutics*. Vol. 607, (Holland): Elsevier B.V., 25/09/2021. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2021.121014**SCOPUS:** 20212872315**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 6.51**Impact source:** SCOPUS**Impact index in year of publication:** 1.0**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 5

**Source of citations:** WOS**Citations:** 4

- 37** Yizhi Zhang; Idoia Gallego; Javier Plou; Jose Luis Pedraz; Luis M. Liz-Marzán; Jesus Ciriza; Isabel García. SERS monitoring of local pH in encapsulated therapeutic cells. *Nanoscale*. Vol. 13, pp. 14354 - 14362. (United Kingdom): Royal Society of Chemistry, 14/09/2021. ISSN 2040-3372, ISSN 2040-3364

DOI: 10.1039/D1NR03969E**SCOPUS:** 20213053768**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 8.307**Impact source:** SCOPUS**Impact index in year of publication:** 1.744**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 13**Citations:** 12

- 38** Ahmed Raslan; Jesús Ciriza; Ana María Ochoa de Retana; María Luisa Sanjuán; Muhammet S. Toprak; Patricia Gálvez; Laura Saenz-Del-burgo; Jose Luis Pedraz. Modulation of conductivity of alginate hydrogels containing reduced graphene oxide through the addition of proteins. *Pharmaceutics*. Vol. 13, (Switzerland): MDPI, 01/09/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13091473>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS13091473**SCOPUS:** 20213160555**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 6.525**Impact source:** SCOPUS**Impact index in year of publication:** 0.922**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 11**Citations:** 10

- 39** Xabier Del Corte; Adrián López-Francés; Aitor Maestro; Ilia Villate-Beitia; Myriam Sainz-Ramos; Edorta Martínez de Marigorta; José Luis Pedraz; Francisco Palacios; Javier Vicario. A multicomponent protocol for the synthesis of highly functionalized γ -lactam derivatives and their applications as antiproliferative agents. *Pharmaceutics*. Vol. 14, (Switzerland): MDPI AG, 01/08/2021. Available on-line at: <<https://doi.org/10.3390/ph14080782>>. ISSN 1424-8247

DOI: 10.3390/PH14080782**SCOPUS:** 20212754665**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 9**Impact source:** ISI**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Impact index in year of publication:** 5.215**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.851**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 12**Source of citations:** WOS**Citations:** 0

- 40** Lafuente-Merchan M.; Ruiz-Alonso S.; Espona-Noguera A.; Galvez-Martin P.; López-Ruiz E.; Marchal J.A.; López-Donaire M.L.; Zabala A.; Ciriza J.; Saenz-del-Burgo L.; Pedraz J.L. Development, characterization and sterilisation of Nanocellulose-alginate-(hyaluronic acid)- bioinks and 3D bioprinted scaffolds for tissue engineering. Materials Science and Engineering C. Vol. 126, (United Kingdom): Elsevier Ltd, 01/07/2021. Available on-line at: <<https://doi.org/10.1016/j.msec.2021.112160>>. ISSN 1873-0191, ISSN 0928-4931

DOI: 10.1016/J.MSEC.2021.112160**SCOPUS:** 20211461281**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 11**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 8.457**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.191**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 51**Source of citations:** WOS**Citations:** 44

- 41** Eleonora Casula; Maria Letizia Manca; Matteo Perra; Jose Luis Pedraz; Tania Belen Lopez-Mendez; Antonio Lozano; Esteban Calvo; Marco Zaru; Maria Manconi. Nasal spray formulations based on combined hyalurosomes and glycosomes loading zingiber officinalis extract as green and natural strategy for the treatment of rhinitis and rhinosinusitis. Antioxidants. Vol. 10, (Switzerland): MDPI AG, 01/07/2021. Available on-line at: <<https://doi.org/10.3390/antiox10071109>>. ISSN 2076-3921

DOI: 10.3390/ANTIOX10071109**SCOPUS:** 20212318028**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 7.675**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.008**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 19**Source of citations:** WOS**Citations:** 17

- 42** Kaoutar Ziani; Albert Espona-Noguera; Verónica Crisóstomo; Javier G. Casado; Francisco M. Sanchez-Margallo; Laura Saenz del Burgo; Jesús Ciriza; Jose Luis Pedraz. Characterization of encapsulated porcine cardiosphere-derived cells embedded in 3D alginate matrices. International Journal of Pharmaceutics. Vol. 599,



(Holland): Elsevier B.V., 15/04/2021. Available on-line at: <<https://doi.org/10.1016/j.ijpharm.2021.120454>>. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2021.120454

SCOPUS: 20210819990

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 6.51

Impact source: SCOPUS

Impact index in year of publication: 1.0

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 3

Citations: 3

- 43** Jesús Ciriza; Ana Rodríguez-Romano; Ignacio Nogueroles; Gloria Gallego-Ferrer; Rubén Martín Cabezuero; José Luis Pedraz; Patricia Rico. Borax-loaded injectable alginate hydrogels promote muscle regeneration in vivo after an injury. Materials Science and Engineering C. Vol. 123, (United Kingdom): Elsevier Ltd, 01/04/2021. Available on-line at: <<https://doi.org/10.1016/j.msec.2021.112003>>. ISSN 1873-0191, ISSN 0928-4931

DOI: 10.1016/J.MSEC.2021.112003

PMID: 33812623

SCOPUS: 20210795215

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 8.457

Impact source: SCOPUS

Impact index in year of publication: 1.191

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 13

Citations: 14

- 44** Laura Pintado-Berninches; Ana Montes-Worboys; Cristina Manguan-García; Elena G. Arias-Salgado; Adela Serrano; Beatriz Fernandez-Varas; Rosa Guerrero-López; Laura Iarriccio; Lurdes Planas; Guillermo Guenechea; Susana P. Egusquiguirre; Rosa M. Hernandez; Manoli Igartua; Jose Luis Pedraz; Julio Cortijo; Leandro Sastre; Maria Molina-Molina; Rosario Perona. GSE4-loaded nanoparticles a potential therapy for lung fibrosis that enhances pneumocyte growth, reduces apoptosis and DNA damage. FASEB Journal. Vol. 35, (United States of America): John Wiley and Sons Inc, 01/03/2021. Available on-line at: <<https://doi.org/10.1096/fj.202001160RR>>. ISSN 1530-6860, ISSN 0892-6638

DOI: 10.1096/FJ.202001160RR

PMID: 33638895

SCOPUS: 20210836986

Type of production: Scientific paper

Position of signature: 14

Total no. authors: 18

Impact source: ISI

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Impact index in year of publication:** 5.834**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.385**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 8**Source of citations:** WOS**Citations:** 7

- 45** María Virumbrales-Muñoz; Laura Paz-Artigas; Jesús Ciriza; Clara Alcaine; Albert Espona-Noguera; Manuel Doblaré; Laura Sáenz Del Burgo; Kaoutar Ziani; Jose Luis Pedraz; Luis Fernández; Ignacio Ochoa. Force Spectroscopy Imaging and Constriction Assays Reveal the Effects of Graphene Oxide on the Mechanical Properties of Alginate Microcapsules. ACS Biomaterials Science and Engineering. Vol. 7, pp. 242 - 253. (United States of America): American Chemical Society, 11/01/2021. ISSN 2373-9878

DOI: 10.1021/ACSBOMATERIALS.0C01382**SCOPUS:** 20210112767**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 5.395**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.935**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 7**Source of citations:** WOS**Citations:** 7

- 46** Yerai Vado; Gustavo Puras; Melania Rosique; Cesar Martin; Jose Luis Pedraz; Shifa Jebbari-Benslaiman; Marian M. de Pancorbo; Jon Zarate; Guiomar Perez de Nancrales. Design and validation of a process based on cationic niosomes for gene delivery into novel urine-derived mesenchymal stem cells. Pharmaceutics. Vol. 13, (Switzerland): MDPI AG, 2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13050696>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS13050696**SCOPUS:** 20211799801**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 6.525**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.922**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 3**Source of citations:** WOS**Citations:** 0

- 47** Sandra Ruiz Alonso; Markel Lafuente Merchan; Idoia Gallego; Laura Saenz del Burgo Martínez; José Luis Pedraz Muñoz. Development of scaffolds based on natural materials for tendon tissue regeneration. RESCIFAR Revista Española de Ciencias Farmacéuticas. Vol. 2, pp. 6 - 8. (Spain): Real e Ilustre Colegio Oficial de Farmacéuticos, 2021. Available on-line at: <<https://www.farmaceticosdesevilla.es/download/development-of-scaffolds-based-on->



natural-materials-for-tendon-tissue-regeneration-2/?wpdmdl=4234&refresh=645bd523726a21683739939>. ISSN 2660-6356

DIALNET_ART: 8451176

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

- 48** Myriam Sainz Ramos; Emanuela Caci; Idoia Gallego; Ane Ilia Villate Beitia; Sandra Ruiz Alonso; Fátima García Villén; Jon Zarate Sesma; Gustavo Puras Ochoa; José Luis Pedraz Muñoz; Iván Maldonado Pérez. Applying 3D constructs for gene therapy. RESCIFAR Revista Española de Ciencias Farmacéuticas. Vol. 2, pp. 93 - 95. (Spain): Real e Ilustre Colegio Oficial de Farmacéuticos, 2021. Available on-line at: <<https://www.farmaceticosdesevilla.es/download/applying-3d-constructs-for-gene-therapy/?wpdmdl=4195&refresh=63ef826b6b5f31676640875>>. ISSN 2660-6356

DIALNET_ART: 8451207

Type of production: Scientific paper

Position of signature: 9

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 10

- 49** Markel Lafuente Merchan; Sandra Ruiz Alonso; Laura Saenz del Burgo Martínez; José Luis Pedraz Muñoz. Hydroxyapatite and graphene oxide on nanocellulose-alginate ink for 3D bioprinting and bone regeneration. RESCIFAR Revista Española de Ciencias Farmacéuticas. Vol. 2, pp. 187 - 188. (Spain): Real e Ilustre Colegio Oficial de Farmacéuticos, 2021. Available on-line at: <<https://www.farmaceticosdesevilla.es/download/hydroxyapatite-and-graphene-oxide-on-nanocellulose-alginate-ink-for-3d-bioprinting-and-bone-regeneration/?wpdmdl=4157&refresh=63ef8712d3f651676642066>>. ISSN 2660-6356

DIALNET_ART: 8451241

Type of production: Scientific paper

Position of signature: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 4

- 50** Mohamad Allaw; Maria Manconi; Matteo Aroffu; Francesca Marongiu; Marco Porceddu; Gianluigi Bacchetta; Iris Usach; Rita Abi Rached; Hiba N. Rajha; Richard G. Maroun; Jose Luis Pedraz; Tania B. Lopez-Mendez; Anna Maria Fadda; Maria Letizia Manca. Extraction, characterization and incorporation of hypericum scruglii extract in ad hoc formulated phospholipid vesicles designed for the treatment of skin diseases connected with oxidative stress. Pharmaceutics. Vol. 12, pp. 1 - 20. (Switzerland): MDPI AG, 01/11/2020. Available on-line at: <<https://doi.org/10.3390/pharmaceutics12111010>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS12111010

SCOPUS: 20203832341

Type of production: Scientific paper

Position of signature: 11

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 14

Impact source: ISI

Impact index in year of publication: 6.321

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.054

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 13

Source of citations: WOS

Citations: 0



- 51** Ana Mora-Boza; Elena López-Ruiz; María Luisa López-Donaire; Gema Jiménez; María Rosa Aguilar; Juan Antonio Marchal; José Luis Pedraz; Blanca Vázquez-Lasa; Julio San Román; Patricia Gálvez-Martín. Evaluation of glycerylphosphate crosslinked semi-and interpenetrated polymer membranes of hyaluronic acid and chitosan for tissue engineering. *Polymers*. Vol. 12, pp. 1 - 18. (Switzerland): MDPI AG, 01/11/2020. Available on-line at: <<https://doi.org/10.3390/polym12112661>>. ISSN 2073-4360
DOI: 10.3390/POLYM12112661
SCOPUS: 20203998315
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 4.329
Impact source: SCOPUS
Impact index in year of publication: 0.77
Source of citations: SCOPUS
Source of citations: WOS
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 13
Citations: 10
- 52** Myriam Sainz-Ramos; Ilia Villate-Beitia; Idoia Gallego; Nuseibah A.L. Qtaish; Tania B. Lopez-Mendez; Ramón Eritja; Santiago Grijalvo; Gustavo Puras; José Luis Pedraz. Non-viral mediated gene therapy in human cystic fibrosis airway epithelial cells recovers chloride channel functionality. *International Journal of Pharmaceutics*. Vol. 588, (Holland): Elsevier B.V., 15/10/2020. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2020.119757
PMID: 32791297
SCOPUS: 20203066447
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 5.875
Impact source: SCOPUS
Impact index in year of publication: 1.153
Source of citations: SCOPUS
Source of citations: WOS
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 15
Citations: 14
- 53** Amaia Huguet-Casquero; Yining Xu; Eusebio Gainza; Jose Luis Pedraz; Ana Beloqui. Oral delivery of oleuropein-loaded lipid nanocarriers alleviates inflammation and oxidative stress in acute colitis. *International Journal of Pharmaceutics*. Vol. 586, (Holland): Elsevier B.V., 30/08/2020. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2020.119515
PMID: 32544520
SCOPUS: 20202169630
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 5.875
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes

**Impact source:** SCOPUS**Impact index in year of publication:** 1.153**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 46**Source of citations:** WOS**Citations:** 41

- 54** Aarne Fleischer; Sara Vallejo-Díez; José María Martín-Fernández; Almudena Sánchez-Gilabert; Mónica Castresana; Angel del Pozo; Amaia Esquisabel; Silvia Ávila; José Luis Castrillo; Eusebio Gainza; José Luis Pedraz; Miguel Viñas; Daniel Bachiller. iPSC-Derived Intestinal Organoids from Cystic Fibrosis Patients Acquire CFTR Activity upon TALEN-Mediated Repair of the p.F508del Mutation. *Molecular Therapy - Methods and Clinical Development*. Vol. 17, pp. 858 - 870. (United States of America): Cell Press, 12/06/2020. Available on-line at: <<https://doi.org/10.1016/j.omtm.2020.04.005>>. ISSN 2329-0501

DOI: 10.1016/J.OMTM.2020.04.005**SCOPUS:** 20201353235**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 11**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 13**Impact source:** ISI**Impact index in year of publication:** 6.698**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.285**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 38**Source of citations:** WOS**Citations:** 34

- 55** Amaia Huguet-Casquero; Tania Belén López-Méndez; Eusebio Gainza; Jose Luis Pedraz. Development and validation of an eco-friendly HPLC-DAD method for the determination of oleuropein and its applicability to several matrices: olive oil, olive leaf extracts and nanostructured lipid carriers. *Green Chemistry*. Vol. 22, pp. 3495 - 3505. (United Kingdom): Royal Society of Chemistry, 07/06/2020. ISSN 1463-9270, ISSN 1463-9262

DOI: 10.1039/D0GC00965B**SCOPUS:** 20202746982**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 10.182**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.221**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 10**Source of citations:** WOS**Citations:** 10

- 56** Idoia Gallego; Ilia Villate-Beitia; Cristina Soto-Sánchez; Margarita Menéndez; Santiago Grijalvo; Ramón Eritja; Gema Martínez-Navarrete; Lawrence Humphreys; Tania López-Méndez; Gustavo Puras; Eduardo Fernández; José Luis Pedraz. Brain Angiogenesis Induced by Nonviral Gene Therapy with Potential Therapeutic Benefits for Central Nervous System Diseases. *Molecular pharmaceutics*. Vol. 17, pp. 1848 - 1858. (United States of America): NLM (Medline), 01/06/2020. ISSN 1543-8392

DOI: 10.1021/ACS.MOLPHARMACEUT.9B01213

PMID: 32293897

Type of production: Scientific paper

Position of signature: 12

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 4.939

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.13

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 11

Source of citations: WOS

Citations: 10

- 57** Ahmed Raslan; Laura Saenz Del Burgo; Albert Espona-noguera; Ana María Ochoa de Retana; María Luisa Sanjuán; Alberto Cañibano-hernández; Patricia Gálvez-martín; Jesús Ciriza; Jose Luis Pedraz. BSA- and Elastin-Coated GO, but not collagen- coated GO, enhance the biological performance of alginate hydrogels. *Pharmaceutics*. Vol. 12, pp. 1 - 21. (Switzerland): MDPI AG, 01/06/2020. Available on-line at: <<https://doi.org/10.3390/pharmaceutics12060543>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS12060543

SCOPUS: 20202245461

Type of production: Scientific paper

Position of signature: 9

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 6.321

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.054

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 7

Source of citations: WOS

Citations: 0

- 58** Amaia Huguet-Casquero; Maria Moreno-Sastre; Tania Belén López-Méndez; Eusebio Gainza; Jose Luis Pedraz. Encapsulation of oleuropein in nanostructured lipid carriers: Biocompatibility and antioxidant efficacy in lung epithelial cells. *Pharmaceutics*. Vol. 12, (Switzerland): MDPI AG, 01/05/2020. Available on-line at: <<https://doi.org/10.3390/pharmaceutics12050429>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS12050429

SCOPUS: 20201611140

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 6.321

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.054

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 54



Source of citations: WOS

Citations: 0

- 59** Mari Carmen Echave; Rui M. A. Domingues; Manuel Gómez-Florit; José Luis Pedraz; Rui L. Reis; Gorka Orive; Manuela E. Gomes. Biphasic Hydrogels Integrating Mineralized and Anisotropic Features for Interfacial Tissue Engineering. ACS Applied Materials and Interfaces. Vol. 11, pp. 47771 - 47784. (United States of America): American Chemical Society, 26/12/2019. ISSN 1944-8252, ISSN 1944-8244
DOI: 10.1021/ACSAMI.9B17826
PMID: 31789494
SCOPUS: 20193803430
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 8.758
Impact source: SCOPUS
Impact index in year of publication: 2.568
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 45
Citations: 42
- 60** Maria Virumbrales-Muñoz; Edorta Santos-Vizcaino; Laura Paz; Amparo Maria Gallardo-Moreno; Gorka Orive; Rosa Maria Hernandez; Manuel Doblaré; Maria Luisa Gonzalez-Martin; Luis Jose Fernández; Jose Luis Pedraz; Ignacio Ochoa. Force spectroscopy-based simultaneous topographical and mechanical characterization to study polymer-to-polymer interactions in coated alginate microspheres. Scientific Reports. Vol. 9, (United Kingdom): Nature Research, 01/12/2019. Available on-line at: <<https://doi.org/10.1038/s41598-019-56547-z>>. ISSN 2045-2322
DOI: 10.1038/S41598-019-56547-Z
PMID: 31882828
SCOPUS: 20200071844
Type of production: Scientific paper
Position of signature: 10
Total no. authors: 11
Impact source: ISI
Impact index in year of publication: 3.998
Impact source: SCOPUS
Impact index in year of publication: 1.341
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 11
Citations: 0
- 61** Laura Pintado-Berninches; Beatriz Fernandez-Varas; Carlos Benitez-Buelga; Cristina Manguan-Garcia; Almudena Serrano-Benitez; Laura Iarriccio; Jaime Carrillo; Guillermo Guenechea; Susana P. Egusquiguirre; Jose-Luis Pedraz; Rosa M. Hernández; Manoli Igartua; Elena G. Arias-Salgado; Felipe Cortés-Ledesma; Leandro Sastre; Rosario Perona. GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. Cell Death and Differentiation. Vol. 26, pp. 1998 - 2014. (United Kingdom): Nature Publishing Group, 01/10/2019. ISSN 1476-5403, ISSN 1350-9047
DOI: 10.1038/S41418-018-0272-7
PMID: 30670828

SCOPUS: 20190263633

Type of production: Scientific paper

Position of signature: 10

Total no. authors: 16

Impact source: ISI

Impact index in year of publication: 10.717

Impact source: SCOPUS

Impact index in year of publication: 3.325

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 22

Citations: 21

- 62** Noha Attia; Mohamed Mashal; Santiago Grijalvo; Ramón Eritja; Gustavo Puras; Jose Luis Pedraz. Cationic niosome-based hBMP7 gene transfection of neuronal precursor NT2 cells to reduce the migration of glioma cells in vitro. Journal of Drug Delivery Science and Technology. Vol. 53, (France): Editions de Sante, 01/10/2019. ISSN 1773-2247

DOI: 10.1016/J.JDDST.2019.101219

SCOPUS: 20192418963

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.734

Impact source: SCOPUS

Impact index in year of publication: 0.562

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 14

Citations: 12

- 63** Albert Espona-Noguera; Jesús Ciriza; Alberto Cañibano-Hernández; Rosa Villa; Laura Saenz del Burgo; Mar Alvarez; José Luis Pedraz. 3D printed polyamide macroencapsulation devices combined with alginate hydrogels for insulin-producing cell-based therapies. International Journal of Pharmaceutics. Vol. 566, pp. 604 - 614. (Holland): Elsevier B.V., 20/07/2019. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2019.06.009

PMID: 31175986

SCOPUS: 20191701562

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.845

Impact source: SCOPUS

Impact index in year of publication: 1.081

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 16

Citations: 15



- 64** Mohamed Mashal; Noha Attia; Gema Martínez-Navarrete; Cristina Soto-Sánchez; Eduardo Fernández; Santiago Grijalvo; Ramón Eritja; Gustavo Puras; Jose Luis Pedraz. Gene delivery to the rat retina by non-viral vectors based on chloroquine-containing cationic niosomes. *Journal of Controlled Release*. Vol. 304, pp. 181 - 190. (Holland): Elsevier B.V., 28/06/2019. ISSN 1873-4995, ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2019.05.010

PMID: 31071372

SCOPUS: 20191414218

Type of production: Scientific paper

Position of signature: 9

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 7.727

Impact source: SCOPUS

Impact index in year of publication: 2.23

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 44

Citations: 43

- 65** Marta Pastor; Jana Basas; Claudia Vairo; Garazi Gainza; María Moreno-Sastre; Xavier Gomis; Aarne Fleischer; Esther Palomino; Daniel Bachiller; Francisco Borja Gutiérrez; Jose Javier Aguirre; Amaia Esquisabel; Manoli Igartua; Eusebio Gainza; Rosa Maria Hernandez; Joan Gavalda; José Luis Pedraz. Safety and effectiveness of sodium colistimethate-loaded nanostructured lipid carriers (SCM-NLC) against *P. aeruginosa*: in vitro and in vivo studies following pulmonary and intramuscular administration. *Nanomedicine: Nanotechnology, Biology, and Medicine*. Vol. 18, pp. 101 - 111. (United States of America): Elsevier Inc., 01/06/2019. ISSN 1549-9642, ISSN 1549-9634

DOI: 10.1016/J.NANO.2019.02.014

PMID: 30849549

SCOPUS: 20190899619

Type of production: Scientific paper

Position of signature: 17

Total no. authors: 17

Impact source: ISI

Impact index in year of publication: 5.182

Impact source: SCOPUS

Impact index in year of publication: 1.372

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 24

Citations: 25

- 66** Mari Carmen Echave; Carolina Pimenta-Lopes; José Luis Pedraz; Mehdi Mehrali; Alireza Dolatshahi-Pirouz; Fransesc Ventura; Gorka Orive. Enzymatic crosslinked gelatin 3D scaffolds for bone tissue engineering. *International Journal of Pharmaceutics*. Vol. 562, pp. 151 - 161. (Holland): Elsevier B.V., 01/05/2019. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2019.02.043

PMID: 30853482

SCOPUS: 20190824017

Type of production: Scientific paper

Format: Journal

**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.845**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.081**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 52**Source of citations:** WOS**Citations:** 48

67 Espona-Noguera A.; Etxebarria-Elezgarai J.; Saenz del Burgo L.; Cañibano-Hernández A.; Gurruchaga H.; Blanco F.J.; Orive G.; Rosa M. Hernández; Benito-Lopez F.; Ciriza J.; Basabe-Desmonts L.; Pedraz J.L. Type 1 Diabetes Mellitus reversal via implantation of magnetically purified microencapsulated pseudoislets. International Journal of Pharmaceutics. Vol. 560, pp. 65 - 77. (Holland): Elsevier B.V., 05/04/2019. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2019.01.058**PMID:** 30742984**SCOPUS:** 20190465892**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 12**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 12**Impact source:** ISI**Impact index in year of publication:** 4.845**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.081**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 18**Source of citations:** WOS**Citations:** 0

68 Edorta Santos-Vizcaino; Henry Haley; Ainhoa Gonzalez-Pujana; Gorka Orive; Rosa Maria Hernandez; Gary D. Luker; Jose Luis Pedraz. Monitoring implantable immunoisolation devices with intrinsic fluorescence of genipin. Journal of Biophotonics. Vol. 12, (Germany): Wiley-VCH Verlag, 01/04/2019. ISSN 1864-0648, ISSN 1864-063X

DOI: 10.1002/JBIO.201800170**PMID:** 30058289**SCOPUS:** 20182888259**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.032**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.067**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 5**Source of citations:** WOS**Citations:** 4



- 69** Idoia Gallego; Ilia Villate-Beitia; Gema Martínez-Navarrete; Margarita Menéndez; Tania López-Méndez; Cristina Soto-Sánchez; Jon Zárate; Gustavo Puras; Eduardo Fernández; José Luis Pedraz. Non-viral vectors based on cationic niosomes and minicircle DNA technology enhance gene delivery efficiency for biomedical applications in retinal disorders. *Nanomedicine: Nanotechnology, Biology, and Medicine*. Vol. 17, pp. 308 - 318. (United States of America): Elsevier Inc., 01/04/2019. ISSN 1549-9642, ISSN 1549-9634

DOI: 10.1016/J.NANO.2018.12.018

PMID: 30790710

SCOPUS: 20190771319

Type of production: Scientific paper

Position of signature: 10

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 5.182

Impact source: SCOPUS

Impact index in year of publication: 1.372

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 39

Citations: 0

- 70** Alberto Cañibano-Hernández; Laura Saenz del Burgo; Albert Espona-Noguera; Gorka Orive; Rosa M^a Hernández; Jesús Ciriza; Jose Luis Pedraz. Hyaluronic acid enhances cell survival of encapsulated insulin-producing cells in alginate-based microcapsules. *International Journal of Pharmaceutics*. Vol. 557, pp. 192 - 198. (Holland): Elsevier B.V., 25/02/2019. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2018.12.062

PMID: 30597265

SCOPUS: 20190060212

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.845

Impact source: SCOPUS

Impact index in year of publication: 1.081

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 43

Citations: 35

- 71** Alberto Cañibano-Hernández; Laura Saenz Del Burgo; Albert Espona-Noguera; Gorka Orive; Rosa M. Hernández; Jesús Ciriza; José Luis Pedraz. Hyaluronic Acid Promotes Differentiation of Mesenchymal Stem Cells from Different Sources toward Pancreatic Progenitors within Three-Dimensional Alginate Matrixes. *Molecular Pharmaceutics*. Vol. 16, pp. 834 - 845. (United States of America): American Chemical Society, 04/02/2019. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.8B01126

PMID: 30601665

SCOPUS: 20190161071

Type of production: Scientific paper

Position of signature: 7

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.321

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.213

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 21

Source of citations: WOS

Citations: 20

- 72** Maria Letizia Manca; Silvia Mir-Palomo; Carla Caddeo; Amparo Nacher; Octavio Díez-Sales; José Esteban Peris; José Luis Pedraz; Anna Maria Fadda; Maria Manconi. Sorbitol-penetration enhancer containing vesicles loaded with baicalin for the protection and regeneration of skin injured by oxidative stress and UV radiation. International Journal of Pharmaceutics. Vol. 555, pp. 175 - 183. (Holland): Elsevier B.V., 30/01/2019. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2018.11.053

PMID: 30468844

SCOPUS: 20183608329

Type of production: Scientific paper

Position of signature: 7

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 4.845

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.081

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 25

Source of citations: WOS

Citations: 22

- 73** Sara Hernando; Catalina Requejo; Enara Herran; Jose Angel Ruiz-Ortega; Teresa Morera-Herreras; Jose Vicente Lafuente; Eusebio Gainza; Jose Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. Beneficial effects of n-3 polyunsaturated fatty acids administration in a partial lesion model of Parkinson's disease: The role of glia and NRF2 regulation. Neurobiology of Disease. Vol. 121, pp. 252 - 262. (United States of America): Academic Press Inc., 01/01/2019. ISSN 1095-953X, ISSN 0969-9961

DOI: 10.1016/J.NBD.2018.10.001

PMID: 30296616

SCOPUS: 20183123545

Type of production: Scientific paper

Position of signature: 8

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 5.332

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 2.285

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 72

Source of citations: WOS

Citations: 0

- 74** Laura Saenz Del Burgo; Jesús Ciriza; Albert Espona-Noguera; Xavi Illa; Enric Cabruja; Gorka Orive; Rosa María Hernández; Rosa Villa; Jose Luis Pedraz; Mar Alvarez. 3D Printed porous polyamide macrocapsule combined with alginate microcapsules for safer cell-based therapies. Scientific Reports. Vol. 8, (United Kingdom): Nature Publishing Group, 01/12/2018. Available on-line at: <<https://doi.org/10.1038/s41598-018-26869-5>>. ISSN 2045-2322
DOI: 10.1038/S41598-018-26869-5
PMID: 29855599
SCOPUS: 20181759313
Type of production: Scientific paper
Position of signature: 9
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 4.011
Journal in the top 25%: Yes
Impact source: SCOPUS
Impact index in year of publication: 1.414
Journal in the top 25%: Yes
Source of citations: SCOPUS
Citations: 24
Source of citations: WOS
Citations: 24
- 75** Mohamed Mashal; Noha Attia; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Eduardo Fernández; Gustavo Puras; José Luis Pedraz. Non-viral vectors based on cationic niosomes as efficient gene delivery vehicles to central nervous system cells into the brain. International Journal of Pharmaceutics. Vol. 552, pp. 48 - 55. (Holland): Elsevier B.V., 01/12/2018. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2018.09.038
PMID: 30244145
SCOPUS: 20182936463
Type of production: Scientific paper
Position of signature: 7
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 4.213
Journal in the top 25%: Yes
Impact source: SCOPUS
Impact index in year of publication: 1.135
Journal in the top 25%: Yes
Source of citations: SCOPUS
Citations: 32
Source of citations: WOS
Citations: 28
- 76** Ilia Villate-Beitia; Idoia Gallego; Gema Martínez-Navarrete; Jon Zárate; Tania López-Méndez; Cristina Soto-Sánchez; Edorta Santos-Vizcaíno; Gustavo Puras; Eduardo Fernández; José Luis Pedraz. Polysorbate 20 non-ionic surfactant enhances retinal gene delivery efficiency of cationic niosomes after intravitreal and subretinal administration. International Journal of Pharmaceutics. Vol. 550, pp. 388 - 397. (Holland): Elsevier B.V., 25/10/2018. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2018.07.035
PMID: 30009984
SCOPUS: 20182714859
Type of production: Scientific paper
Position of signature: 10
Format: Journal

**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 4.213**Impact source:** SCOPUS**Impact index in year of publication:** 1.135**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 36**Citations:** 33

- 77** Gurruchaga H.; Saenz del Burgo L.; Orive G.; Hernandez R.M.; Ciriza J.; Pedraz J.L. Low molecular-weight hyaluronan as a cryoprotectant for the storage of microencapsulated cells. *International Journal of Pharmaceutics*. Vol. 548, pp. 206 - 216. (Holland): Elsevier B.V., 05/09/2018. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2018.06.066**PMID:** 29969709**SCOPUS:** 20182015681**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 4.213**Impact source:** SCOPUS**Impact index in year of publication:** 1.135**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 5**Citations:** 3

- 78** Ane Garate; Pello Sánchez; Diego Delgado; Ane Miren Bilbao; Emma Muiños-López; Froilán Granero-Moltó; Gorka Orive; Felipe Prosper; José Luis Pedraz; Mikel Sánchez. Autologous bioscaffolds based on different concentrations of platelet rich plasma and synovial fluid as a vehicle for mesenchymal stem cells. *Journal of Biomedical Materials Research - Part A*. Vol. 106, pp. 377 - 385. (United States of America): John Wiley and Sons Inc., 01/02/2018. ISSN 1552-4965, ISSN 1549-3296

DOI: 10.1002/JBM.A.36247**PMID:** 28960933**SCOPUS:** 20180025891**Type of production:** Scientific paper**Position of signature:** 9**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 3.221**Impact source:** SCOPUS**Impact index in year of publication:** 0.83**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Journal in the top 25%:** Yes**Citations:** 2**Citations:** 2

- 79** Noha Attia; Mohamed Mashal; Santiago Grijalvo; Ramon Eritja; Jon Zárata; Gustavo Puras; José Luis Pedraz. Stem cell-based gene delivery mediated by cationic niosomes for bone regeneration. *Nanomedicine: Nanotechnology, Biology, and Medicine*. Vol. 14, pp. 521 - 531. (United States of America): Elsevier Inc., 01/02/2018. ISSN 1549-9642, ISSN 1549-9634
DOI: 10.1016/J.NANO.2017.11.005
PMID: 29157978
SCOPUS: 20181160934
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 5.57
Impact source: SCOPUS
Impact index in year of publication: 1.508
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 40
Citations: 35
- 80** Albert Espona-Noguera; Jesús Ciriza; Alberto Cañibano-Hernández; Luis Fernandez; Ignacio Ochoa; Laura Saenz del Burgo; Jose Luis Pedraz. Tunable injectable alginate-based hydrogel for cell therapy in Type 1 Diabetes Mellitus. *International Journal of Biological Macromolecules*. Vol. 107, pp. 1261 - 1269. (Holland): Elsevier B.V., 01/02/2018. Available on-line at: <<https://doi.org/10.1016/j.ijbiomac.2017.09.103>>. ISSN 1879-0003, ISSN 0141-8130
DOI: 10.1016/J.IJBIOMAC.2017.09.103
PMID: 28962846
SCOPUS: 20170617072
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 4.784
Impact source: SCOPUS
Impact index in year of publication: 0.962
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 67
Citations: 59
- 81** Argia Acarregui; Jesús Ciriza; Laura Saenz del Burgo; Haritz Gurruchaga Iribar; José Yeste; Xavi Illa; Gorka Orive; Rosa M. Hernández; Rosa Villa; Jose Luis Pedraz. Characterization of an encapsulated insulin secreting human pancreatic beta cell line in a modular microfluidic device. *Journal of Drug Targeting*. Vol. 26, pp. 36 - 44. (United Kingdom): Taylor and Francis Ltd, 02/01/2018. ISSN 1029-2330, ISSN 1061-186X
DOI: 10.1080/1061186X.2017.1334208
PMID: 28535085
Type of production: Scientific paper
Position of signature: 10
Total no. authors: 10
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Impact source:** ISI**Impact index in year of publication:** 3.277**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.758**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16**Source of citations:** WOS**Citations:** 15

- 82** Sara Hernando; Enara Herran; Joana Figueiro-Silva; José Luis Pedraz; Manoli Igartua; Eva Carro; Rosa Maria Hernandez. Intranasal administration of TAT-conjugated lipid nanocarriers loading GDNF for Parkinson's disease. Molecular Neurobiology. Vol. 55, pp. 145 - 155. (United States of America): Humana Press Inc., 01/01/2018. ISSN 1559-1182, ISSN 0893-7648

DOI: 10.1007/S12035-017-0728-7**PMID:** 28866799**SCOPUS:** 20182236846**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.586**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.472**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 113**Source of citations:** WOS**Citations:** 100

- 83** Miren Izaguirre; Edorta Santos Vizcaíno; Aiala Salvador Martínez; Amaia Esquisabel Alegría; José Luis Pedraz Muñoz; Rosa María Hernández Martín; Manuela Igartua Olaechea. Kosmetika onkologikoa: kimioterapiak eta erradioterapiak larruazalean eragindako efektu desiragaitzak eta horiek tratatzeko konposatu naturaletan oinarritutako formulazio berriak. Ekaia: Euskal Herriko Unibertsitateko zientzi eta teknologi aldizkaria. Num. 33, pp. 35 - 53. (Spain): Servicio de Publicaciones, 2018. Available on-line at: <<https://ojs.ehu.eus/index.php/ekaia/article/view/17837>>. ISSN 0214-9001

DIALNET_ART: 6357604**DOI:** 10.1387/EKAIA.17837**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7

- 84** Oihane Gartzandia; Arrate Lasa; Jose Luis Pedraz; Jonatan Miranda; Maria Puy Portillo; Manoli Igartua; Rosa Maria Hernández. Preparation and characterization of resveratrol loaded pectin/alginate blend gastro-resistant Microparticles. Molecules. Vol. 23, (Switzerland): MDPI AG, 2018. Available on-line at: <<https://doi.org/10.3390/molecules23081886>>. ISSN 1420-3049

DOI: 10.3390/MOLECULES23081886**PMID:** 30060551**SCOPUS:** 20182397407**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.06

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.757

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 23

Source of citations: WOS

Citations: 0

- 85** Jesús Ciriza; Laura Saenz Del Burgo; Haritz Gurruchaga; Francesc E. Borrás; Marcella Franquesa; Gorka Orive; Rosa Maria Hernández; José Luis Pedraz. Graphene oxide enhances alginate encapsulated cells viability and functionality while not affecting the foreign body response. *Drug Delivery*. Vol. 25, pp. 1147 - 1160. (United Kingdom): Taylor and Francis Ltd, 2018. Available on-line at: <<https://doi.org/10.1080/10717544.2018.1474966>>. ISSN 1521-0464, ISSN 1071-7544

DOI: 10.1080/10717544.2018.1474966

PMID: 29781340

SCOPUS: 20190907006

Type of production: Scientific paper

Position of signature: 8

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.829

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 0.937

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 25

Source of citations: WOS

Citations: 23

- 86** Anna Sola; Laura Saenz del Burgo; Jesús Ciriza; Rosa Maria Hernandez; Gorka Orive; Jorge Martin Cordero; Priscila Calle; Jose Luis Pedraz; Georgina Hotter. Microencapsulated macrophages releases conditioned medium able to prevent epithelial to mesenchymal transition. *Drug Delivery*. Vol. 25, pp. 91 - 101. (United Kingdom): Taylor and Francis Ltd, 2018. Available on-line at: <<https://doi.org/10.1080/10717544.2017.1413449>>. ISSN 1521-0464, ISSN 1071-7544

DOI: 10.1080/10717544.2017.1413449

PMID: 29250977

SCOPUS: 20181553765

Type of production: Scientific paper

Position of signature: 8

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 3.829

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 0.937

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 6

Source of citations: WOS

Citations: 4



- 87** Sara Hernando; Jose Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. The role of lipid nanoparticles and its surface modification in reaching the brain: An approach for neurodegenerative diseases treatment. *Current Drug Delivery*. Vol. 15, pp. 1218 - 1220. (United Arab Emirates): Bentham Science Publishers B.V., 2018. ISSN 1875-5704, ISSN 1567-2018
DOI: 10.2174/1567201815666180510103747
PMID: 29745334
SCOPUS: 20183681762
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.645
Impact source: SCOPUS
Impact index in year of publication: 0.402
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Citations: 4
Citations: 4
- 88** Iliia Villate-Beitia; Norman F. Truong; Idoia Gallego; Jon Zárate; Gustavo Puras; José Luis Pedraz; Tatiana Segura. Hyaluronic acid hydrogel scaffolds loaded with cationic niosomes for efficient non-viral gene delivery. *RSC Advances*. Vol. 8, pp. 31934 - 31942. (United Kingdom): Royal Society of Chemistry, 2018. Available on-line at: <<https://doi.org/10.1039/c8ra05125a>>. ISSN 2046-2069
DOI: 10.1039/C8RA05125A
SCOPUS: 20182877909
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.049
Impact source: SCOPUS
Impact index in year of publication: 0.807
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Citations: 34
Citations: 27
- 89** Noha Attia; Mohamed Mashal; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Eduardo Fernández; Santiago Grijalvo; Ramón Eritja; Gustavo Puras; Jose Luis Pedraz. Gene transfer to rat cerebral cortex mediated by polysorbate 80 and poloxamer 188 nonionic surfactant vesicles. *Drug Design, Development and Therapy*. Vol. 12, pp. 3937 - 3949. (New Zealand): Dove Medical Press Ltd., 2018. Available on-line at: <<https://doi.org/10.2147/DDDT.S178532>>. ISSN 1177-8881
DOI: 10.2147/DDDT.S178532
PMID: 30510402
SCOPUS: 20183762317
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 9
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Impact source:** ISI**Impact index in year of publication:** 3.208**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.986**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 13**Source of citations:** WOS**Citations:** 12

- 90** Haritz Gurruchaga; Laura Saenz Del Burgo; Ane Garate; Diego Delgado; Pello Sanchez; Gorka Orive; Jesús Ciriza; Mikel Sanchez; Jose Luis Pedraz. Cryopreservation of Human Mesenchymal Stem Cells in an Allogeneic Bioscaffold based on Platelet Rich Plasma and Synovial Fluid. Scientific Reports. Vol. 7, (United Kingdom): Nature Publishing Group, 01/12/2017. Available on-line at: <<https://doi.org/10.1038/s41598-017-16134-6>>. ISSN 2045-2322

DOI: 10.1038/S41598-017-16134-6**PMID:** 29146943**SCOPUS:** 20171018930**Type of production:** Scientific paper**Position of signature:** 9**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 4.122**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.533**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 19**Source of citations:** WOS**Citations:** 0

- 91** Requejo C.; Ruiz-Ortega J.A.; Bengoetxea H.; García-Blanco A.; Herrán E.; Aristieta A.; Igartua M.; Pedraz J.L.; Ugedo L.; Hernández R.M.; Lafuente J.V. Morphological Changes in a Severe Model of Parkinson's Disease and Its Suitability to Test the Therapeutic Effects of Microencapsulated Neurotrophic Factors. Molecular Neurobiology. Vol. 54, pp. 7722 - 7735. (United States of America): Humana Press Inc., 01/12/2017. ISSN 1559-1182, ISSN 0893-7648

DOI: 10.1007/S12035-016-0244-1**PMID:** 27844282**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 5.076**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.614**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 4

- 92** Tania Belen Lopez-Mendez; Edorta Santos-Vizcaino; Francisco Javier Blanco; Jose Luis Pedraz; Rosa Maria Hernandez; Gorka Orive. Improved control over MSCs behavior within 3D matrices by using different cell loads in both in vitro and in vivo environments. International Journal of Pharmaceutics. Vol. 533, pp. 62 - 72. (Holland): Elsevier B.V., 25/11/2017. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2017.09.014
PMID: 28890174
SCOPUS: 20170533272
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.862
Impact source: SCOPUS
Impact index in year of publication: 1.172
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 6
Citations: 6
- 93** Alaitz Etxabide; Claudia Vairo; Edorta Santos-Vizcaino; Pedro Guerrero; Jose Luis Pedraz; Manoli Igartua; Koro de la Caba; Rosa Maria Hernandez. Ultra thin hydro-films based on lactose-crosslinked fish gelatin for wound healing applications. International Journal of Pharmaceutics. Vol. 530, pp. 455 - 467. (Holland): Elsevier B.V., 15/09/2017. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2017.08.001
PMID: 28789885
SCOPUS: 20170262033
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 3.862
Impact source: SCOPUS
Impact index in year of publication: 1.172
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 36
Citations: 36
- 94** Eulalia Sans-Serramitjana; Marta Jorba; Ester Fusté; José Luis Pedraz; Teresa Vinuesa; Miguel Viñas. Free and nanoencapsulated tobramycin: Effects on planktonic and biofilm forms of pseudomonas. Microorganisms. Vol. 5, (Switzerland): MDPI AG, 01/09/2017. Available on-line at: <<https://doi.org/10.3390/microorganisms5030035>>. ISSN 2076-2607
DOI: 10.3390/MICROORGANISMS5030035
SCOPUS: 20212385636
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 6
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 25



Source of citations: WOS

Citations: 0

- 95** Alberto Cañibano-Hernández; Laura Saenz Del Burgo; Albert Espona-Noguera; Gorka Orive; Rosa M. Hernández; Jesús Ciriza; Jose Luis Pedraz. Alginate Microcapsules Incorporating Hyaluronic Acid Recreate Closer in Vivo Environment for Mesenchymal Stem Cells. *Molecular Pharmaceutics*. Vol. 14, pp. 2390 - 2399. (United States of America): American Chemical Society, 03/07/2017. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.7B00295

PMID: 28558467

SCOPUS: 20181223050

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.556

Impact source: SCOPUS

Impact index in year of publication: 1.572

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 32

Citations: 28

- 96** Eulalia Sans-Serramitjana; Marta Jorba; José Luis Pedraz; Teresa Vinuesa; Miguel Viñas. Determination of the spatiotemporal dependence of *Pseudomonas aeruginosa* biofilm viability after treatment with NLC-colistin. *International Journal of Nanomedicine*. Vol. 12, pp. 4409 - 4413. (New Zealand): Dove Medical Press Ltd., 12/06/2017. Available on-line at: <<https://doi.org/10.2147/IJN.S138763>>. ISSN 1178-2013, ISSN 1176-9114

DOI: 10.2147/IJN.S138763

PMID: 28652741

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.37

Impact source: SCOPUS

Impact index in year of publication: 1.225

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: No

Citations: 21

Citations: 21

- 97** Mohamed Mashal; Noha Attia; Gustavo Puras; Gema Martínez-Navarrete; Eduardo Fernández; Jose Luis Pedraz. Retinal gene delivery enhancement by lycopene incorporation into cationic niosomes based on DOTMA and polysorbate 60. *Journal of Controlled Release*. Vol. 254, pp. 55 - 64. (Holland): Elsevier B.V., 28/05/2017. ISSN 1873-4995, ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2017.03.386

PMID: 28347807

SCOPUS: 20182998913

Type of production: Scientific paper

Position of signature: 6

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 7.877**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.684**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 61**Source of citations:** WOS**Citations:** 55

- 98** Itxaso Garcia-Orue; Garazi Gainza; Franciso Borja Gutierrez; Jose Javier Aguirre; Carmen Evora; Jose Luis Pedraz; Rosa Maria Hernandez; Araceli Delgado; Manoli Igartua. Novel nanofibrous dressings containing rhEGF and Aloe vera for wound healing applications. International Journal of Pharmaceutics. Vol. 523, pp. 556 - 566. (Holland): Elsevier B.V., 25/05/2017. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2016.11.006**PMID:** 27825864**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 3.862**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.172**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 162**Source of citations:** WOS**Citations:** 138

- 99** Sánchez P.; Pedraz J.L.; Orive G. Biologically active and biomimetic dual gelatin scaffolds for tissue engineering. International Journal of Biological Macromolecules. Vol. 98, pp. 486 - 494. (Holland): Elsevier B.V., 01/05/2017. ISSN 1879-0003, ISSN 0141-8130

DOI: 10.1016/J.IJBIOMAC.2016.12.092**PMID:** 28185928**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 3.909**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.917**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 24**Source of citations:** WOS**Citations:** 23

- 100** Ilija Villate-Beitia; Gustavo Puras; Cristina Soto-Sánchez; Mireia Agirre; Edilberto Ojeda; Jon Zarate; Eduardo Fernández; José Luis Pedraz. Non-viral vectors based on magnetoplexes, lipoplexes and polyplexes for VEGF gene delivery into central nervous system cells. International Journal of Pharmaceutics. Vol. 521, pp. 130 - 140. (Holland): Elsevier B.V., 15/04/2017. ISSN 1873-3476, ISSN 0378-5173

**DOI:** 10.1016/J.IJPHARM.2017.02.016**PMID:** 28185961**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.862**Impact source:** SCOPUS**Impact index in year of publication:** 1.172**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 21**Citations:** 19

- 101** Laura Saenz Del Burgo; Jesús Ciriza; Argia Acarregui; Haritz Gurruchaga; Francisco Javier Blanco; Gorka Orive; Rosa María Hernández; Jose Luis Pedraz. Hybrid Alginate-Protein-Coated Graphene Oxide Microcapsules Enhance the Functionality of Erythropoietin Secreting C2C12 Myoblasts. Molecular Pharmaceutics. Vol. 14, pp. 885 - 898. (United States of America): American Chemical Society, 06/03/2017. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.6B01078**PMID:** 28118715**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 4.556**Impact source:** SCOPUS**Impact index in year of publication:** 1.572**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 13**Citations:** 12

- 102** Raúl Megías; Maialen Arco; Jesús Ciriza; Laura Saenz del Burgo; Gustavo Puras; Margarita López-Viata; Ángel V. Delgado; Jon P. Dobson; José L. Arias; José L. Pedraz. Design and characterization of a magnetite/PEI multifunctional nanohybrid as non-viral vector and cell isolation system. International Journal of Pharmaceutics. Vol. 518, pp. 270 - 280. (Holland): Elsevier B.V., 25/02/2017. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2016.12.042**PMID:** 28011343**Type of production:** Scientific paper**Position of signature:** 10**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 3.862**Impact source:** SCOPUS**Impact index in year of publication:** 1.172**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 8**Citations:** 9



- 103** Mehmet Isik; Mireia Agirre; Jon Zarate; Gustavo Puras; David Mecerreyes; Haritz Sardon; Pedraz J.L.Amine containing cationic methacrylate copolymers as efficient gene delivery vehicles to retinal epithelial cells. *Journal of Polymer Science, Part A: Polymer Chemistry*. Vol. 55, pp. 280 - 287. (United States of America): John Wiley and Sons Inc., 15/01/2017. ISSN 1099-0518, ISSN 0887-624X
DOI: 10.1002/POLA.28376
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 2.588
Impact source: SCOPUS
Impact index in year of publication: 0.735
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 4
Citations: 4
- 104** Sergio A. Castrillejo; Julio López Abán; Claudio J. Salomon; Marta Pastor Navarro; José Luis Pedraz Muñoz; Antonio Muro Álvarez. Evaluación de nuevas formulaciones de fármacos antihelmínticos para el tratamiento de la esquistosomiasis. *Farmajournal*. Vol. 2, pp. 27 - 37. (Spain): Ediciones Universidad de Salamanca, 2017. Available on-line at: <<https://revistas.usal.es/index.php/2445-1355/article/view/16010/17458>>. ISSN 2445-1355
DIALNET_ART: 7256945
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 6
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 105** Ainhoa Gonzalez-Pujana; Aitor Rementeria; Francisco Javier Blanco; Manoli Igartua; Jose Luis Pedraz; Edorta Santos-Vizcaino; Rosa Maria Hernandez. The role of osmolarity adjusting agents in the regulation of encapsulated cell behavior to provide a safer and more predictable delivery of therapeutics. *Drug Delivery*. Vol. 24, pp. 1654. (United Kingdom): Taylor and Francis Ltd, 2017. Available on-line at: <<https://doi.org/10.1080/10717544.2017.1391894>>. ISSN 1521-0464, ISSN 1071-7544
DOI: 10.1080/10717544.2017.1391894
PMID: 29078721
SCOPUS: 20183048567
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.095
Impact source: SCOPUS
Impact index in year of publication: 0.748
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 16
Citations: 14

- 106** Santiago Grijalvo; Adele Alagia; Gustavo Puras; Jon Zárate; Judith Mayr; José Luis Pedraz; Ramon Eritja; David Díaz Díaz. Cationic nioplexes-in-polysaccharide-based hydrogels as versatile biodegradable hybrid materials to deliver nucleic acids. *Journal of Materials Chemistry B*. Vol. 5, pp. 7756 - 7767. (United Kingdom): Royal Society of Chemistry, 2017. ISSN 2050-750X, ISSN 2050-7518
DOI: 10.1039/C7TB01691C
PMID: 32264376
SCOPUS: 20170593268
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 4.776
Impact source: SCOPUS
Impact index in year of publication: 1.561
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 12
Citations: 10
- 107** Teresa Vinuesa; Rocio Herráez; Laura Oliver; Elisa Elizondo; Argia Acarregui; Amaia Esquisabel; Jose Luis Pedraz; Nora Ventosa; Jaume Veciana; Miguel Viñas. Benznidazole nanoformulates: A chance to improve therapeutics for Chagas disease. *American Journal of Tropical Medicine and Hygiene*. Vol. 97, pp. 1469 - 1476. (United States of America): American Society of Tropical Medicine and Hygiene, 2017. Available on-line at: <<https://doi.org/10.4269/ajtmh.17-0044>>. ISSN 0002-9637
DOI: 10.4269/AJTMH.17-0044
PMID: 29016287
SCOPUS: 20170994822
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 2.564
Impact source: SCOPUS
Impact index in year of publication: 1.43
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 37
Citations: 35
- 108** Gartzandia O.; Herrán E.; Ruiz-Ortega J.A.; Miguelez C.; Igartua M.; Lafuente J.V.; Pedraz J.L.; Ugedo L.; Hernández R.M. Intranasal administration of chitosan-coated nanostructured lipid carriers loaded with GDNF improves behavioral and histological recovery in a partial lesion model of Parkinson's disease. *Journal of Biomedical Nanotechnology*. Vol. 12, pp. 2220 - 2230. (United States of America): American Scientific Publishers, 01/12/2016. ISSN 1550-7041, ISSN 1550-7033
DOI: 10.1166/JBN.2016.2313
PMID: 29372975
SCOPUS: 20180953867
Type of production: Scientific paper
Position of signature: 7
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 4.521**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.916**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 79**Source of citations:** WOS**Citations:** 86

- 109** Itxaso Garcia-Orue; Garazi Gainza; Cecilia Girbau; Rodrigo Alonso; José Javier Aguirre; José Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. LL37 loaded nanostructured lipid carriers (NLC): A new strategy for the topical treatment of chronic wounds. European Journal of Pharmaceutics and Biopharmaceutics. Vol. 108, pp. 310 - 316. (Holland): Elsevier B.V., 01/11/2016. ISSN 1873-3441, ISSN 0939-6411

DOI: 10.1016/J.EJPB.2016.04.006**PMID:** 27080206**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 4.159**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.411**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 91**Source of citations:** WOS**Citations:** 80

- 110** Moreno-Sastre M.; Pastor M.; Esquisabel A.; Sans E.; Viñas M.; Bachiller D.; Pedraz J.L. Stability study of sodium colistimethate-loaded lipid nanoparticles. Journal of Microencapsulation. Vol. 33, pp. 636 - 645. (United Kingdom): Taylor and Francis Ltd, 02/10/2016. ISSN 1464-5246, ISSN 0265-2048

DOI: 10.1080/02652048.2016.1242665**PMID:** 27682964**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 1.543**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.476**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 24**Source of citations:** WOS**Citations:** 22

- 111** Sans-Serramitjana E.; Fusté E.; Martínez-Garriga B.; Merlos A.; Pastor M.; Pedraz J.L.; Esquisabel A.; Bachiller D.; Vinuesa T.; Viñas M. Killing effect of nanoencapsulated colistin sulfate on Pseudomonas aeruginosa from cystic fibrosis patients. Journal of Cystic Fibrosis. Vol. 15, pp. 611 - 618. (Holland): Elsevier B.V., 01/09/2016. Available on-line at: <<https://doi.org/10.1016/j.jcf.2015.12.005>>. ISSN 1873-5010, ISSN 1569-1993

DOI: 10.1016/J.JCF.2015.12.005

PMID: 26708265

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 4.727

Impact source: SCOPUS

Impact index in year of publication: 1.994

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 60

Citations: 0

- 112** Edilberto Ojeda; Gustavo Puras; Mireia Agirre; Jon Zarate; Santiago Grijalvo; Ramon Eritja; Luca Digiacomo; Giulio Caracciolo; Jose-Luis Pedraz. The role of helper lipids in the intracellular disposition and transfection efficiency of niosome formulations for gene delivery to retinal pigment epithelial cells. International Journal of Pharmaceutics. Vol. 503, pp. 115 - 126. (Holland): Elsevier B.V., 30/04/2016. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2016.02.043

PMID: 26956159

Type of production: Scientific paper

Position of signature: 9

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 3.649

Impact source: SCOPUS

Impact index in year of publication: 1.323

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 33

Citations: 35

- 113** Oihane Gartzandia; Susana Patricia Egusquiaguirre; John Bianco; José Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez; Véronique Pr  at; Ana Beloqui. Nanoparticle transport across in vitro olfactory cell monolayers. International Journal of Pharmaceutics. Vol. 499, pp. 81 - 89. (Holland): Elsevier B.V., 29/02/2016. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2015.12.046

PMID: 26721725

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.649

Impact source: SCOPUS

Impact index in year of publication: 1.323

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 84

Citations: 71



- 114** María Moreno-Sastre; Marta Pastor; Amaia Esquisabel; Eulàlia Sans; Miguel Viñas; Aarne Fleischer; Esther Palomino; Daniel Bachiller; José Luis Pedraz. Pulmonary delivery of tobramycin-loaded nanostructured lipid carriers for *Pseudomonas aeruginosa* infections associated with cystic fibrosis. *International Journal of Pharmaceutics*. Vol. 498, pp. 263 - 273. (Holland): Elsevier B.V., 10/02/2016. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2015.12.028
PMID: 26705155
Type of production: Scientific paper
Position of signature: 9
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 3.649
Impact source: SCOPUS
Impact index in year of publication: 1.323
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 71
Citations: 58
- 115** Ojeda E.; Puras G.; Agirre M.; Zarate J.; Grijalvo S.; Eritja R.; Martinez-Navarrete G.; Soto-Sánchez C.; Diaz-Tahoces A.; Aviles-Trigueros M.; Fernández E.; Pedraz J.L. The influence of the polar head-group of synthetic cationic lipids on the transfection efficiency mediated by niosomes in rat retina and brain. *Biomaterials*. Vol. 77, pp. 267 - 279. (United Kingdom): Elsevier Ltd, 01/01/2016. ISSN 1878-5905, ISSN 0142-9612
DOI: 10.1016/J.BIOMATERIALS.2015.11.017
PMID: 26610076
Type of production: Scientific paper
Position of signature: 12
Total no. authors: 12
Impact source: ISI
Impact index in year of publication: 8.402
Impact source: SCOPUS
Impact index in year of publication: 2.9
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 62
Citations: 61
- 116** Santiago Grijalvo; Gustavo Puras; Jon Zárate; Ramon Pons; Jose Luis Pedraz; Ramon Eritja; David Díaz Díaz. Nioplexes encapsulated in supramolecular hybrid biohydrogels as versatile delivery platforms for nucleic acids. *RSC Advances*. Vol. 6, pp. 39688 - 39699. (United Kingdom): Royal Society of Chemistry, 2016. Available on-line at: <<https://doi.org/10.1039/c6ra01005a>>. ISSN 2046-2069
DOI: 10.1039/C6RA01005A
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.108
Impact source: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No

**Impact index in year of publication:** 0.889**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 13**Citations:** 12

- 117** Aiala Salvador; Kerrie J. Sandgren; Frank Liang; Elizabeth A. Thompson; Richard A. Koup; José Luis Pedraz; Rosa Maria Hernandez; Karin Loré; Manoli Igartua. Design and evaluation of surface and adjuvant modified PLGA microspheres for uptake by dendritic cells to improve vaccine responses. International Journal of Pharmaceutics. Vol. 496, pp. 371 - 381. (Holland): Elsevier, 30/12/2015. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2015.10.037**PMID:** 26475970**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 3.994**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.298**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 34**Source of citations:** WOS**Citations:** 33

- 118** Herran E.; Pérez-González R.; Igartua M.; Pedraz J.L.; Carro E.; Hernandez R.M. Enhanced hippocampal neurogenesis in APP/Ps1 mouse model of alzheimer's disease after implantation of VEGF-loaded PLGA nanospheres. Current Alzheimer Research. Vol. 12, pp. 932 - 940. (United Arab Emirates): Bentham Science Publishers B.V., 01/12/2015. ISSN 1875-5828, ISSN 1567-2050

DOI: 10.2174/1567205012666151027121622**PMID:** 26502822**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.145**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.628**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 33**Source of citations:** WOS**Citations:** 28

- 119** Susana P. Egusquiguirre; Nicolas Beziere; José Luís Pedraz; Rosa M. Hernández; Vasilis Ntziachristos; Manuela Igartua. Optoacoustic imaging enabled biodistribution study of cationic polymeric biodegradable nanoparticles. Contrast Media and Molecular Imaging. Vol. 10, pp. 421 - 427. (United Kingdom): John Wiley and Sons Ltd, 01/11/2015. ISSN 1555-4317, ISSN 1555-4309

DOI: 10.1002/CMMI.1644**PMID:** 26018588**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.286**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.913**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 10**Source of citations:** WOS**Citations:** 8

- 120** Ane Garate; Edorta Santos; José Luis Pedraz; Rosa María Hernández; Gorka Orive. Evaluation of different RGD ligand densities in the development of cell-based drug delivery systems. *Journal of Drug Targeting*. Vol. 23, pp. 806 - 812. (United Kingdom): Taylor and Francis Ltd, 21/10/2015. ISSN 1029-2330, ISSN 1061-186X

DOI: 10.3109/1061186X.2015.1020428**PMID:** 25816227**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.821**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.761**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16**Source of citations:** WOS**Citations:** 14

- 121** Ane Garate; Jesús Ciriza; Javier G. Casado; Rebeca Blazquez; José Luis Pedraz; Gorka Orive; Rosa Maria Hernandez. Assessment of the Behavior of Mesenchymal Stem Cells Immobilized in Biomimetic Alginate Microcapsules. *Molecular Pharmaceutics*. Vol. 12, pp. 3953 - 3962. (United States of America): American Chemical Society, 08/10/2015. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.5B00419**PMID:** 26448513**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.342**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.605**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 21**Source of citations:** WOS**Citations:** 21

- 122** Requejo C.; Ruiz-Ortega J.A.; Bengoetxea H.; Garcia-Blanco A.; Herrán E.; Aristieta A.; Igartua M.; Ugedo L.; Pedraz J.L.; Hernández R.M.; Lafuente J.V. Topographical Distribution of Morphological Changes in a Partial Model of Parkinson's Disease—Effects of Nanoencapsulated Neurotrophic Factors Administration. *Molecular Neurobiology*. Vol. 52, pp. 846 - 858. (United States of America): Humana Press Inc., 04/10/2015. ISSN 1559-1182, ISSN 0893-7648

DOI: 10.1007/S12035-015-9234-Y

PMID: 26041662

SCOPUS: 20181111475

Type of production: Scientific paper

Position of signature: 9

Total no. authors: 11

Impact source: ISI

Impact index in year of publication: 5.397

Impact source: SCOPUS

Impact index in year of publication: 2.039

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 18

Citations: 17

- 123** Oihane Gartzandia; Enara Herran; Jose Luis Pedraz; Eva Carro; Manoli Igartua; Rosa Maria Hernandez. Chitosan coated nanostructured lipid carriers for brain delivery of proteins by intranasal administration. Colloids and Surfaces B: Biointerfaces. Vol. 134, pp. 304 - 313. (Holland): Elsevier B.V., 01/10/2015. ISSN 1873-4367, ISSN 0927-7765

DOI: 10.1016/J.COLSURFB.2015.06.054

PMID: 26209963

SCOPUS: 20181765310

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.902

Impact source: SCOPUS

Impact index in year of publication: 1.085

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 160

Citations: 0

- 124** Raquel Moreno-Vicente; Zuriñe Fernández-Nieva; Arantza Navarro; Irene Gascón-Crespí; Magí Farré-Albaladejo; Manuela Igartua; Rosa María Hernández; José Luis Pedraz. Development and validation of a bioanalytical method for the simultaneous determination of heroin, its main metabolites, naloxone and naltrexone by LC-MS/MS in human plasma samples: Application to a clinical trial of oral administration of a heroin/naloxone formulation. Journal of Pharmaceutical and Biomedical Analysis. Vol. 114, pp. 105 - 112. (Holland): Elsevier, 01/10/2015. ISSN 1873-264X, ISSN 0731-7085

DOI: 10.1016/J.JPBA.2015.04.044

PMID: 26037158

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.169

Impact source: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

**Impact index in year of publication:** 1.052**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 15**Citations:** 16

- 125** Mireia Agirre; Edilberto Ojeda; Jon Zarate; Gustavo Puras; Santiago Grijalvo; Ramón Eritja; Gontzal García Del Caño; Sergio Barrondo; Imanol González-Burguera; Maider López De Jesús; Joan Sallés; José Luis Pedraz. New Insights into Gene Delivery to Human Neuronal Precursor NT2 Cells: A Comparative Study between Lipoplexes, Nioplexes, and Polyplexes. *Molecular Pharmaceutics*. Vol. 12, pp. 4056 - 4066. (United States of America): American Chemical Society, 25/09/2015. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.5B00496**PMID:** 26407108**Type of production:** Scientific paper**Position of signature:** 12**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 12**Impact source:** ISI**Impact index in year of publication:** 4.342**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.605**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 19**Source of citations:** WOS**Citations:** 15

- 126** Ciriza J.; Saenz Del Burgo L.; Virumbrales-Muñoz M.; Ochoa I.; Fernandez L.J.; Orive G.; Hernandez M.R.; Pedraz J.L. Graphene oxide increases the viability of C2C12 myoblasts microencapsulated in alginate. *International Journal of Pharmaceutics*. Vol. 493, pp. 260 - 270. (Holland): Elsevier, 18/08/2015. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2015.07.062**PMID:** 26220651**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.994**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.298**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 34**Source of citations:** WOS**Citations:** 32

- 127** Gainza G.; Chu W.S.; Guy R.H.; Pedraz J.L.; Hernandez R.M.; Delgado-Charro B.; Igartua M. Development and in vitro evaluation of lipid nanoparticle-based dressings for topical treatment of chronic wounds. *International Journal of Pharmaceutics*. Vol. 490, pp. 404 - 411. (Holland): Elsevier, 12/06/2015. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2015.05.075**PMID:** 26043822**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.994

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.298

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 33

Source of citations: WOS

Citations: 26

- 128** Haritz Gurruchaga; Jesús Ciriza; Laura Saenz Del Burgo; Juan Roberto Rodriguez-Madoz; Edorta Santos; Felipe Prosper; Rosa María Hernández; Gorka Orive; Jose Luis Pedraz. Cryopreservation of microencapsulated murine mesenchymal stem cells genetically engineered to secrete erythropoietin. International Journal of Pharmaceutics. Vol. 485, pp. 15 - 24. (Holland): Elsevier, 15/05/2015. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2015.02.047

PMID: 25708005

Type of production: Scientific paper

Format: Journal

Position of signature: 9

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 3.994

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.298

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 35

Source of citations: WOS

Citations: 0

- 129** Gorka Orive; Raquel Cobos; Janire Gorriti; Jose L. Pedraz; Mirella Meregalli; Yvan Torrente. Drug delivery technologies and stem cells for tissue repair and regeneration. Current Pharmaceutical Biotechnology. Vol. 16, pp. 646 - 654. (United Arab Emirates): Bentham Science Publishers B.V., 01/05/2015. ISSN 1873-4316, ISSN 1389-2010

DOI: 10.2174/138920101607150427112457

PMID: 25934974

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 1.802

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.783

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 0

Source of citations: WOS

Citations: 3

- 130** Cristina Soto-Sánchez; Gema Martínez-Navarrete; Lawrence Humphreys; Gustavo Puras; Jon Zarate; José Luis Pedraz; Eduardo Fernández. Enduring high-efficiency in vivo transfection of neurons with non-viral magnetoparticles in the rat visual cortex for optogenetic applications. Nanomedicine: Nanotechnology, Biology,



and Medicine. Vol. 11, pp. 835 - 843. (United States of America): Elsevier Inc., 01/05/2015. ISSN 1549-9642, ISSN 1549-9634

DOI: 10.1016/J.NANO.2015.01.012

PMID: 25680542

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 5.671

Impact source: SCOPUS

Impact index in year of publication: 1.857

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 29

Citations: 27

- 131** Ojeda E.; Puras G.; Agirre M.; Zárate J.; Grijalvo S.; Pons R.; Eritja R.; Martinez-Navarrete G.; Soto-Sanchez C.; Fernández E.; Pedraz J.L. Niosomes based on synthetic cationic lipids for gene delivery: The influence of polar head-groups on the transfection efficiency in HEK-293, ARPE-19 and MSC-D1 cells. Organic and Biomolecular Chemistry. Vol. 13, pp. 1068 - 1081. (United Kingdom): Royal Society of Chemistry, 14/04/2015. ISSN 1477-0520

DOI: 10.1039/C4OB02087A

PMID: 25412820

Type of production: Scientific paper

Position of signature: 11

Total no. authors: 11

Impact source: ISI

Impact index in year of publication: 3.559

Impact source: SCOPUS

Impact index in year of publication: 1.391

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 50

Citations: 50

- 132** Susana Patricia Egusquiaguirre; José Luís Pedraz; Rosa María Hernández; Manuela Igartua. Emerging therapeutic approaches based on nanotechnology for the treatment of diseases associated with telomere dysfunction. Mini-Reviews in Medicinal Chemistry. Vol. 15, pp. 490 - 502. (United Arab Emirates): Bentham Science Publishers B.V., 01/03/2015. ISSN 1875-5607, ISSN 1389-5575

DOI: 10.2174/1389557515666150226114522

PMID: 25723462

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.841

Impact source: SCOPUS

Impact index in year of publication: 0.437

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: No

**Source of citations:** SCOPUS**Citations:** 2**Source of citations:** WOS**Citations:** 1

- 133** Mireia Agirre; Jon Zarate; Edilberto Ojeda; Gustavo Puras; Luis A. Rojas; Ramón Alemany; José L. Pedraz. Delivery of an adenovirus vector plasmid by ultrapure oligochitosan based polyplexes. *International Journal of Pharmaceutics*. Vol. 479, pp. 312 - 319. (Holland): Elsevier, 20/02/2015. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2014.12.062
PMID: 25550211

Type of production: Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.994**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.298**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 6

- 134** Laura Saenz Del Burgo; Marta Compte; Mónica Aceves; Rosa María Hernández; Laura Sanz; Luis Álvarez-Vallina; Jose Luis Pedraz. Microencapsulation of therapeutic bispecific antibodies producing cells: Immunotherapeutic organoids for cancer management. *Journal of Drug Targeting*. Vol. 23, pp. 170 - 179. (United Kingdom): Informa Healthcare, 01/02/2015. ISSN 1029-2330, ISSN 1061-186X
DOI: 10.3109/1061186X.2014.971327
PMID: 25338126

Type of production: Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 2.821**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.761**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 24**Source of citations:** WOS**Citations:** 24

- 135** Garazi Gainza; Diego C. eldran Bonafonte; Beatriz Moreno; José Javier Aguirre; Francisco B. orja Gutierrez; Silvia Villullas; José Luis Pedraz; Manoli Igartua; Rosa M. aria Hernandez. The topical administration of rhEGF-loaded nanostructured lipid carriers (rhEGF-NLC) improves healing in a porcine full-thickness excisional wound model. *Journal of controlled release : official journal of the Controlled Release Society*. Vol. 197, pp. 41 - 47. (Holland): 10/01/2015. ISSN 1873-4995
DOI: 10.1016/J.JCONREL.2014.10.033
PMID: 25449803

Type of production: Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9

**Impact source:** ISI**Impact index in year of publication:** 7.441**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.738**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 97**Source of citations:** WOS**Citations:** 86

- 136** Mireia Agirre; Jon Zarate; Gustavo Puras; Edilberto Ojeda; José Luis Pedraz. Improving transfection efficiency of ultrapure oligochitosan/DNA polyplexes by medium acidification. Drug Delivery. Vol. 22, pp. 100 - 110. (United Kingdom): Informa Healthcare, 01/01/2015. Available on-line at: <<https://doi.org/10.3109/10717544.2013.871373>>. ISSN 1521-0464, ISSN 1071-7544

DOI: 10.3109/10717544.2013.871373**PMID:** 24471693**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 4.843**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.653**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 25**Source of citations:** WOS**Citations:** 23

- 137** Susana P. Egusquiguirre; Cristina Manguán-García; Laura Pintado-Berninches; Laura Iarriccio; Daniel Carbajo; Fernando Albericio; Miriam Royo; José Luís Pedraz; Rosa M. Hernández; Rosario Perona; Manuela Igartua. Development of surface modified biodegradable polymeric nanoparticles to deliver GSE24.2 peptide to cells: A promising approach for the treatment of defective telomerase disorders. European Journal of Pharmaceutics and Biopharmaceutics. Vol. 91, pp. 91 - 102. (Holland): Elsevier, 2015. ISSN 1873-3441, ISSN 0939-6411

DOI: 10.1016/J.EJPB.2015.01.028**PMID:** 25660910**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 3.975**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.437**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 30**Source of citations:** WOS**Citations:** 26

- 138** Puras G.; Martínez-Navarrete G.; Mashal M.; Zárate J.; Agirre M.; Ojeda E.; Grijalvo S.; Eritja R.; Diaz-Tahoces A.; Avilés-Trigueros M.; Fernández E.; Pedraz J.L. Protamine/DNA/niosome ternary nonviral vectors for gene delivery to the retina: The role of protamine. Molecular Pharmaceutics. Vol. 12, pp. 3658 - 3671. (United States of America): American Chemical Society, 2015. ISSN 1543-8392, ISSN 1543-8384

DOI: 10.1021/ACS.MOLPHARMACEUT.5B00422

PMID: 26334586

Type of production: Scientific paper

Position of signature: 12

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 4.342

Impact source: SCOPUS

Impact index in year of publication: 1.605

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 43

Citations: 42

139 Marta Pastor; María Moreno-Sastre; Amaia Esquisabel; Eulàlia Sans; Miguel Viñas; Daniel Bachiller; Víctor José Asensio; Ángel Del Pozo; Eusebio Gainza; José Luis Pedraz. Sodium colistimethate loaded lipid nanocarriers for the treatment of *Pseudomonas aeruginosa* infections associated with cystic fibrosis. *International Journal of Pharmaceutics*. Vol. 477, pp. 485 - 494. (Holland): Elsevier, 30/12/2014. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2014.10.048

PMID: 25445528

Type of production: Scientific paper

Position of signature: 10

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 3.65

Impact source: SCOPUS

Impact index in year of publication: 1.347

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 62

Citations: 54

140 Susana P. Egusquiguirre; Cristina Manguán-García; Rosario Perona; José Luis Pedraz; Rosa Maria Hernández; Manuela Igartua. Development and validation of a rapid HPLC method for the quantification of GSE4 peptide in biodegradable PEI-PLGA nanoparticles. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*. Vol. 972, pp. 95 - 101. (Holland): Elsevier, 01/12/2014. ISSN 1873-376X, ISSN 1570-0232

DOI: 10.1016/J.JCHROMB.2014.09.041

PMID: 25444543

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.729

Impact source: SCOPUS

Impact index in year of publication: 1.065

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: Yes

Citations: 5

Citations: 0



- 141** Edorta Santos; Ane Garate; José Luis Pedraz; Gorka Orive; Rosa María Hernández. The synergistic effects of the RGD density and the microenvironment on the behavior of encapsulated cells: In vitro and in vivo direct comparative study. *Journal of Biomedical Materials Research - Part A*. Vol. 102, pp. 3965 - 3972. (United States of America): John Wiley and Sons Inc., 01/11/2014. ISSN 1552-4965, ISSN 1549-3296

DOI: 10.1002/JBM.A.35073

PMID: 24376041

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.369

Impact source: SCOPUS

Impact index in year of publication: 0.99

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 16

Citations: 15

- 142** Argia Acarregui; Enara Herrán; Manoli Igartua; Francisco Javier Blanco; José Luis Pedraz; Gorka Orive; Rosa Maria Hernandez. Multifunctional hydrogel-based scaffold for improving the functionality of encapsulated therapeutic cells and reducing inflammatory response. *Acta Biomaterialia*. Vol. 10, pp. 4206 - 4216. (United Kingdom): Elsevier Ltd, 01/10/2014. ISSN 1878-7568, ISSN 1742-7061

DOI: 10.1016/J.ACTBIO.2014.06.038

PMID: 25010523

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 6.025

Impact source: SCOPUS

Impact index in year of publication: 1.835

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 31

Citations: 29

- 143** Garazi Gainza; Marta Pastor; José Javier Aguirre; Silvia Villullas; José Luis Pedraz; Rosa Maria Hernandez; Manoli Igartua. A novel strategy for the treatment of chronic wounds based on the topical administration of rhEGF-loaded lipid nanoparticles: In vitro bioactivity and in vivo effectiveness in healing-impaired db/db mice. *Journal of Controlled Release*. Vol. 185, pp. 51 - 61. (Holland): Elsevier, 10/07/2014. ISSN 1873-4995, ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2014.04.032

PMID: 24794895

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 7

Impact source: ISI

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Impact index in year of publication:** 7.705**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.438**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 140**Source of citations:** WOS**Citations:** 133

144 Santiago Grijalvo; Adele Alagia; Gustavo Puras; Jon Zárate; Jose Luis Pedraz; Ramon Eritja. Cationic vesicles based on non-ionic surfactant and synthetic aminolipids mediate delivery of antisense oligonucleotides into mammalian cells. *Colloids and Surfaces B: Biointerfaces*. Vol. 119, pp. 30 - 37. (Holland): Elsevier, 01/07/2014. ISSN 1873-4367, ISSN 0927-7765

DOI: 10.1016/J.COLSURFB.2014.04.016**PMID:** 24859051**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 4.152**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.21**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 21**Source of citations:** WOS**Citations:** 0

145 Enara Herrán; Catalina Requejo; Jose Angel Ruiz-Ortega; Asier Aristieta; Manoli Igartua; Harkaitz Bengoetxea; Luisa Ugedo; Jose Luis Pedraz; Jose Vicente Lafuente; Rosa Maria Hernández. Increased antiparkinson efficacy of the combined administration of VEGF- and GDNF-loaded nanospheres in a partial lesion model of Parkinson's disease. *International Journal of Nanomedicine*. Vol. 9, pp. 2677 - 2687. (New Zealand): Dove Medical Press Ltd., 27/05/2014. Available on-line at: <<https://doi.org/10.2147/IJN.S61940>>. ISSN 1178-2013, ISSN 1176-9114

DOI: 10.2147/IJN.S61940**PMID:** 24920904**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 4.383**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.306**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 73**Source of citations:** WOS**Citations:** 66

146 Haritz Gurruchaga Iribar; Laura Saenz del Burgo Martínez; Jesús Ciriza; Rosa María Hernández Martín; Gorka Orive Arroyo; José Luis Pedraz Muñoz. Nanoteknologiaren aplikazioak garu-minbizian. Ekaia: Euskal Herriko Unibertsitateko zientzi eta teknologi aldizkaria. Num. 27, pp. 41 - 55. (Spain): Servicio de Publicaciones, 2014. Available on-line at: <<http://www.ehu.eus/ojs/index.php/ekaia/article/view/11629>>. ISSN 0214-9001

DIALNET_ART: 4968096

**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

- 147** Noha Attia; Edorta Santos; Hala Abdelmouty; Samia Arafa; Nahed Zohdy; Rosa María Hernández; Gorka Orive; José Luis Pedraz. Behaviour and ultrastructure of human bone marrow-derived mesenchymal stem cells immobilised in alginate-poly-L-lysine-alginate microcapsules. *Journal of Microencapsulation*. Vol. 31, pp. 579 - 589. (United Kingdom): Informa Healthcare, 2014. ISSN 1464-5246, ISSN 0265-2048

DOI: 10.3109/02652048.2014.898706**PMID:** 24766209**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 1.585**Impact source:** SCOPUS**Impact index in year of publication:** 0.574**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 18**Citations:** 16

- 148** Aiala Salvador; Manoli Igartua; Rosa María Hernández; José Luis Pedraz. Designing improved poly lactic-co-glycolic acid microspheres for a malarial vaccine: Incorporation of alginate and polyinosinic-polycytidilic acid. *Journal of Microencapsulation*. Vol. 31, pp. 560 - 566. (United Kingdom): Informa Healthcare, 2014. ISSN 1464-5246, ISSN 0265-2048

DOI: 10.3109/02652048.2014.885608**PMID:** 24697189**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.585**Impact source:** SCOPUS**Impact index in year of publication:** 0.574**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 6**Citations:** 5

- 149** Yulieé López; Marta Pastor; Juan Francisco Infante; Daiyana Díaz; Reynaldo Oliva; Sonsire Fernández; Bárbara Cedré; Tamara Hernández; Longeia Campos; Amaia Esquisabel; José Luis Pedraz; Viviana Perez; Arturo Talavera. Repeated dose toxicity study of *Vibrio cholerae*-loaded gastro-resistant microparticles. *Journal of Microencapsulation*. Vol. 31, pp. 86 - 92. (United Kingdom): 2014. ISSN 0265-2048, ISSN 1464-5246

DOI: 10.3109/02652048.2013.808278**PMID:** 23795905**Type of production:** Scientific paper**Position of signature:** 11**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 13**Impact source:** ISI**Impact index in year of publication:** 1.585**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.574**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 8**Source of citations:** WOS**Citations:** 7

- 150** Marta Pastor; Amaia Esquisabel; Iratxe Marquínez; Arturo Talavera; José Luis Pedraz. Cellulose acetate phthalate microparticles containing *Vibrio cholerae*: Steps toward an oral cholera vaccine. *Journal of Drug Targeting*. Vol. 22, pp. 478 - 487. (United Kingdom): Informa Healthcare, 2014. ISSN 1029-2330, ISSN 1061-186X

DOI: 10.3109/1061186X.2014.888071**PMID:** 24731056**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.741**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.991**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16**Source of citations:** WOS**Citations:** 13

- 151** Gustavo Puras Ochoa; Jon Zárate Sesma; Mireia Agirre Díez; Ariadna Díaz-Tahoces; Marcelino Avilés-Trigeros; Santiago Grijalvo; Ramón Eritja; Eduardo Fernández; Jose Luis Pedraz. A novel formulation based on 2,3-di(tetradecyloxy)propan-1-amine cationic lipid combined with polysorbate 80 for efficient gene delivery to the retina. *Pharmaceutical Research*. Vol. 31, pp. 1665 - 1675. (United States of America): Springer New York LLC, 2014. ISSN 1573-904X, ISSN 0724-8741

DOI: 10.1007/S11095-013-1271-5**PMID:** 24449439**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 3.42**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.35**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 23**Source of citations:** WOS**Citations:** 21

- 152** Puras G.; Mashal M.; Zárate J.; Agirre M.; Ojeda E.; Grijalvo S.; Eritja R.; Diaz-Tahoces A.; Martínez Navarrete G.; Avilés-Trigueros M.; Fernández E.; Pedraz J.L.A novel cationic niosome formulation for gene delivery to the retina. *Journal of Controlled Release*. Vol. 174, pp. 27 - 36. (Holland): 2014. ISSN 0168-3659, ISSN 1873-4995

DOI: 10.1016/J.JCONREL.2013.11.004

PMID: 24231407

Type of production: Scientific paper

Position of signature: 12

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 7.705

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 2.438

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 141

Source of citations: WOS

Citations: 130

- 153** Enara Herrán; Rocio Pérez-González; Manoli Igartua; José Luis Pedraz; Eva Carro; Rosa María Hernández. VEGF-releasing biodegradable nanospheres administered by craniotomy: A novel therapeutic approach in the APP/Ps1 mouse model of Alzheimer's disease. Journal of Controlled Release. Vol. 170, pp. 111 - 119. (Holland): 28/08/2013. ISSN 0168-3659, ISSN 1873-4995

DOI: 10.1016/J.JCONREL.2013.04.028

PMID: 23684689

Type of production: Scientific paper

Position of signature: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 7.261

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 2.441

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 63

Source of citations: WOS

Citations: 58

- 154** Remedios Guadalupe Gomez-Mauricio; Argia Acarregui; Francisco Miguel Sánchez-Margallo; Verónica Crisóstomo; Ignacio Gallo; Rosa María Hernández; José Luis Pedraz; Gorka Orive; María Fernanda Martín-Cancho. A preliminary approach to the repair of myocardial infarction using adipose tissue-derived stem cells encapsulated in magnetic resonance-labelled alginate microspheres in a porcine model. European Journal of Pharmaceutics and Biopharmaceutics. Vol. 84, pp. 29 - 39. (Holland): 06/2013. ISSN 0939-6411, ISSN 1873-3441

DOI: 10.1016/J.EJPB.2012.11.028

PMID: 23266493

Type of production: Scientific paper

Position of signature: 7

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 4.245

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.566

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 43

**Source of citations:** WOS**Citations:** 39

- 155** Pastor M.; Esquisabel A.; Talavera A.; Año G.; Fernández S.; Cedré B.; Infante J.F.; Callicó A.; Pedraz J.L. An approach to a cold chain free oral cholera vaccine: In vitro and in vivo characterization of *Vibrio cholerae* gastro-resistant microparticles. *International Journal of Pharmaceutics*. Vol. 448, pp. 247 - 258. (Holland): 01/05/2013. ISSN 0378-5173, ISSN 1873-3476

DOI: 10.1016/J.IJPHARM.2013.02.057**PMID:** 23518363**Type of production:** Scientific paper**Position of signature:** 9**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 3.785**Impact source:** SCOPUS**Impact index in year of publication:** 1.377**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 23**Citations:** 0

- 156** Puras G.; Zarate J.; Aceves M.; Murua A.; Díaz A.R.; Avilés-Triguero M.; Fernández E.; Pedraz J.L. Low molecular weight oligochitosans for non-viral retinal gene therapy. *European Journal of Pharmaceutics and Biopharmaceutics*. Vol. 83, pp. 131 - 140. (Holland): 03/2013. ISSN 0939-6411, ISSN 1873-3441

DOI: 10.1016/J.EJPB.2012.09.010**PMID:** 23059418**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 4.245**Impact source:** SCOPUS**Impact index in year of publication:** 1.566**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 49**Citations:** 42

- 157** Argia Acarregui; Jose Luis Pedraz; Francisco Javier Blanco; Rosa María Hernández; Gorka Orive. Hydrogel-based scaffolds for enclosing encapsulated therapeutic cells. *Biomacromolecules*. Vol. 14, pp. 322 - 330. (United States of America): 11/02/2013. ISSN 1525-7797, ISSN 1526-4602

DOI: 10.1021/BM301690A**PMID:** 23231457**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 5.788**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes

**Impact source:** SCOPUS**Impact index in year of publication:** 2.09**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 22**Citations:** 19

- 158** Edorta Santos; Leyre Larzabal; Alfonso Calvo; Gorka Orive; José Luis Pedraz; Rosa Ma Hernández. Inactivation of encapsulated cells and their therapeutic effects by means of TGL triple-fusion reporter/biosafety gene. *Biomaterials*. Vol. 34, pp. 1442 - 1451. (United Kingdom): 02/2013. ISSN 0142-9612, ISSN 1878-5905

DOI: 10.1016/J.BIOMATERIALS.2012.10.076**PMID:** 23174140**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 8.312**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 3.417**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 18**Source of citations:** WOS**Citations:** 16

- 159** Puras G.; Zarate J.; Díaz-Tahoces A.; Marcelino Avilés-Trigueros; Fernández E.; Pedraz J.L. Oligochitosan polyplexes as carriers for retinal gene delivery. *European Journal of Pharmaceutical Sciences*. Vol. 48, pp. 323 - 331. (Holland): 23/01/2013. ISSN 0928-0987, ISSN 1879-0720

DOI: 10.1016/J.EJPS.2012.11.009**PMID:** 23201002**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.005**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.04**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 34**Source of citations:** WOS**Citations:** 32

- 160** Argia Acarregui; Gorka Orive; José Luis Pedraz; Rosa María Hernández. Therapeutic applications of encapsulated cells. *Methods in Molecular Biology*. Vol. 1051, pp. 349 - 364. (United States of America): Humana Press Inc., 2013. ISSN 1064-3745, ISBN 9781627035491

DOI: 10.1007/978-1-62703-550-7_23**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** SCOPUS

**Impact index in year of publication:** 0.751**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 14**Citations:** 11

161 Pello Sánchez; Rosa María Hernández; José Luis Pedraz; Gorka Orive. Encapsulation of cells in alginate gels. *Methods in Molecular Biology*. Vol. 1051, pp. 313 - 325. (United States of America): Humana Press Inc., 2013. ISSN 1064-3745, ISBN 9781627035491

DOI: 10.1007/978-1-62703-550-7_21**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** SCOPUS**Impact index in year of publication:** 0.751**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 9**Citations:** 8

162 Enara Herrán; José Ángel Ruiz-Ortega; Asier Aristieta; Manoli Igartua; Catalina Requejo; José Vicente Lafuente; Luisa Ugedo; José Luis Pedraz; Rosa María Hernández. In vivo administration of VEGF- and GDNF-releasing biodegradable polymeric microspheres in a severe lesion model of Parkinson's disease. *European Journal of Pharmaceutics and Biopharmaceutics*. Vol. 85, pp. 1183 - 1190. (Holland): Elsevier B.V., 2013. ISSN 1873-3441, ISSN 0939-6411

DOI: 10.1016/J.EJPB.2013.03.034**PMID:** 23639739**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 4.245**Impact source:** SCOPUS**Impact index in year of publication:** 1.566**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 62**Citations:** 61

163 Garazi Gainza; José Javier Aguirre; José Luis Pedraz; Rosa María Hernández; Manoli Igartua. RhEGF-loaded PLGA-Alginate microspheres enhance the healing of full-thickness excisional wounds in diabetised Wistar rats. *European Journal of Pharmaceutical Sciences*. Vol. 50, pp. 243 - 252. (Holland): 2013. ISSN 0928-0987, ISSN 1879-0720

DOI: 10.1016/J.EJPS.2013.07.003**PMID:** 23872142**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.005**Journal in the top 25%:** No

**Impact source:** SCOPUS**Impact index in year of publication:** 1.04**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 60**Citations:** 53

- 164** Marta Pastor; Amaia Esquisabel; José Luis Pedraz. Biomedical applications of immobilized enzymes: An update. *Methods in Molecular Biology*. Vol. 1051, pp. 285 - 299. (United States of America): Humana Press Inc., 2013. ISSN 1064-3745, ISBN 9781627035491

DOI: 10.1007/978-1-62703-550-7_19**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Impact source:** SCOPUS**Impact index in year of publication:** 0.751**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 4**Citations:** 5

- 165** Santos E.; Orive G.; Calvo A.; Catena R.; Fernández-Robredo P.; A. García Layana; Hernández R.M.; Pedraz J.L. Optimization of 100 µm alginate-poly-L-lysine-alginate capsules for intravitreal administration. *Journal of Controlled Release*. Vol. 158, pp. 443 - 450. (Holland): 28/03/2012. ISSN 0168-3659, ISSN 1873-4995

DOI: 10.1016/J.JCONREL.2011.09.079**PMID:** 21971294**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 7.633**Impact source:** SCOPUS**Impact index in year of publication:** 2.454**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 36**Citations:** 35

- 166** Aiala Salvador; Manoli Igartua; Rosa M Hernández; José Luis Pedraz. Combination of immune stimulating adjuvants with poly(lactide-co-glycolide) microspheres enhances the immune response of vaccines. *Vaccine*. Vol. 30, pp. 589 - 596. (United Kingdom): 11/01/2012. ISSN 0264-410X, ISSN 1873-2518

DOI: 10.1016/J.VACCINE.2011.11.057**PMID:** 22119926**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 3.492**Impact source:** SCOPUS**Journal in the top 25%:** No

**Impact index in year of publication:** 1.656**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 40**Citations:** 37

- 167** Argia Acarregui; Ane Garate Letona; Ainhoa Murua Ugarte; Gorka Orive Arroyo; Rosa María Hernández Martín; José Luis Pedraz Muñoz. Zelula mikrokapsularatu bioaktiboak sendagaien askapen egonkorreko. Ekaia: Euskal Herriko Unibertsitateko zientzi eta teknologi aldizkaria. Num. 25, pp. 19 - 29. (Spain): Servicio de Publicaciones, 2012. Available on-line at: <<https://ojs.ehu.eus/index.php/ekaia/article/view/10267/9463>>. ISSN 0214-9001

DIALNET_ART: 4801447**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6

- 168** Desiree Antequera; Aitziber Portero; Marta Bolos; Gorka Orive; Rosa Ma. Hernández; José Luis Pedraz; Eva Carro. Encapsulated VEGF-secreting cells enhance proliferation of neuronal progenitors in the hippocampus of A β PP/PS1 mice. Journal of Alzheimer's Disease. Vol. 29, pp. 187 - 200. (Holland): IOS Press, 2012. ISSN 1875-8908, ISSN 1387-2877

DOI: 10.3233/JAD-2011-111646**PMID:** 22232015**SCOPUS:** 20180802174**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.174**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.722**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 32**Source of citations:** WOS**Citations:** 29

- 169** Zarate J.; Virdis L.; Orive G.; Igartua M.; Hernández R.M.; Pedraz J.L. Design and characterization of calcium alginate microparticles coated with polycations as protein delivery system. Journal of Microencapsulation. Vol. 28, pp. 614 - 620. (United Kingdom): 12/2011. ISSN 0265-2048, ISSN 1464-5246

DOI: 10.3109/02652048.2011.599439**PMID:** 21740107**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.553**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.538**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 10**Source of citations:** WOS**Citations:** 8



- 170** Puras G.; Salvador A.; Igartua M.; Hernández R.M.; Pedraz J.L. Encapsulation of A β 1-15 in PLGA microparticles enhances serum antibody response in mice immunized by subcutaneous and intranasal routes. *European Journal of Pharmaceutical Sciences*. Vol. 44, pp. 200 - 206. (Holland): 09/10/2011. ISSN 0928-0987, ISSN 1879-0720
DOI: 10.1016/J.EJPS.2011.07.010
PMID: 21820509
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 3.212
Impact source: SCOPUS
Impact index in year of publication: 1.242
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 18
Citations: 15
- 171** Gemma Año; Amaia Esquisabel; Marta Pastor; Arturo Talavera; Bárbara Cedré; Sonsire Fernández; Sergio Sifontes; Yisabel Aranguren; Gustavo Falero; Luis García; Rosa Lydia Solís; José Luis Pedraz. A new oral vaccine candidate based on the microencapsulation by spray-drying of inactivated *Vibrio cholerae*. *Vaccine*. Vol. 29, pp. 5758 - 5764. (United Kingdom): 05/08/2011. ISSN 0264-410X, ISSN 1873-2518
DOI: 10.1016/J.VACCINE.2011.05.098
PMID: 21683110
Type of production: Scientific paper
Position of signature: 12
Total no. authors: 12
Impact source: ISI
Impact index in year of publication: 3.766
Impact source: SCOPUS
Impact index in year of publication: 1.744
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 36
Citations: 30
- 172** Ainhoa Murua; Enara Herran; Gorka Orive; Manoli Igartua; Francisco Javier Blanco; José Luis Pedraz; Rosa Ma. Hernández. Design of a composite drug delivery system to prolong functionality of cell-based scaffolds. *International Journal of Pharmaceutics*. Vol. 407, pp. 142 - 150. (Holland): 04/04/2011. ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2010.11.022
PMID: 21094235
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.35
Impact source: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes

Impact index in year of publication: 1.493

Source of citations: SCOPUS

Source of citations: WOS

Journal in the top 25%: Yes

Citations: 33

Citations: 30

173 Ainhoa Murua; Gorka Orive; Rosa Ma Hernández; José Luis Pedraz. Emerging technologies in the delivery of erythropoietin for therapeutics. Medicinal Research Reviews. Vol. 31, pp. 284 - 309. (United States of America): 04/2011. ISSN 0198-6325, ISSN 1098-1128

DOI: 10.1002/MED.20184

PMID: 19967731

Type of production: Scientific paper

Position of signature: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 10.7

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 3.242

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 17

Source of citations: WOS

Citations: 16

174 Arantxazu Isla; Iñaki F. Trocóniz; Andrés Canut; Alicia Labora; José Emilio Martín-Herrero; José Luis Pedraz; Alicia R. Gascón. Pharmacokinetic/pharmacodynamic evaluation of amoxicillin, amoxicillin/clavulanate and ceftriaxone in the treatment of paediatric acute otitis media in Spain. Enfermedades Infecciosas y Microbiología Clínica. Vol. 29, pp. 167 - 173. (Spain): 04/2011. ISSN 0213-005X, ISSN 1578-1852

DOI: 10.1016/J.EIMC.2010.05.008

PMID: 21334779

Type of production: Scientific paper

Position of signature: 6

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 1.491

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.253

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 25

Source of citations: WOS

Citations: 19

175 Ochoa L.; Igartua M.; Hernández R.M.; Gascón A.R.; Solinis M.A.; Pedraz J.L. Novel extended-release formulation of lovastatin by one-step melt granulation: In vitro and in vivo evaluation. European Journal of Pharmaceutics and Biopharmaceutics. Vol. 77, pp. 306 - 312. (Holland): 03/2011. ISSN 0939-6411

DOI: 10.1016/J.EJPB.2010.11.024

PMID: 21172434

Type of production: Scientific paper

Position of signature: 6

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

**Impact source:** ISI**Impact index in year of publication:** 4.269**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.799**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 26**Source of citations:** WOS**Citations:** 23

- 176** Juan Dubrot; Aitziber Portero; Gorka Orive; Rosa María Hernández; Asis Palazón; Ana Rouzaut; Jose L. Perez-Gracia; Sandra Hervás-Stubbs; Jose Luis Pedraz; Ignacio Melero. Delivery of immunostimulatory monoclonal antibodies by encapsulated hybridoma cells. *Cancer Immunology, Immunotherapy*. Vol. 59, pp. 1621 - 1631. (Germany): 12/2010. ISSN 0340-7004, ISSN 1432-0851

DOI: 10.1007/S00262-010-0888-Z**PMID:** 20607237**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 4.293**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.829**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 37**Source of citations:** WOS**Citations:** 33

- 177** Elena Mata; Manoli Igartua; Rosa M. Hernández; Jaiver E. Rosas; Manuel E. Patarroyo; José L. Pedraz. Comparison of the adjuvanticity of two different delivery systems on the induction of humoral and cellular responses to synthetic peptides. *Drug Delivery*. Vol. 17, pp. 490 - 499. (United Kingdom): 11/2010. Available on-line at: <<https://doi.org/10.3109/10717544.2010.483254>>. ISSN 1071-7544, ISSN 1521-0464

DOI: 10.3109/10717544.2010.483254**PMID:** 20500129**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.246**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.618**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16**Source of citations:** WOS**Citations:** 15

- 178** Raúl Catena; Edorta Santos; Gorka Orive; Rosa María Hernández; José Luis Pedraz; Alfonso Calvo. Improvement of the monitoring and biosafety of encapsulated cells using the SFGNESTGL triple reporter system. *Journal of Controlled Release*. Vol. 146, pp. 93 - 98. (Holland): 09/2010. ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2010.05.018

**PMID:** 20580914**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 7.164**Impact source:** SCOPUS**Impact index in year of publication:** 3.225**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 27**Citations:** 24

179 Carlos Spuch; Desiree Antequera; Aitziber Portero; Gorka Orive; Rosa Ma Hernández; Jose A. Molina; Felix Bermejo-Pareja; José L. Pedraz; Eva Carro. The effect of encapsulated VEGF-secreting cells on brain amyloid load and behavioral impairment in a mouse model of Alzheimer's disease. *Biomaterials*. Vol. 31, pp. 5608 - 5618. (United Kingdom): 08/2010. ISSN 0142-9612

DOI: 10.1016/J.BIOMATERIALS.2010.03.042**PMID:** 20430437**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 7.883**Impact source:** SCOPUS**Impact index in year of publication:** 3.464**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 114**Citations:** 109

180 Lourdes Ochoa; Manoli Igartua; Rosa M. Hernández; Maria Ángeles Solinís; Alicia R. Gascón; Jose Luis Pedraz. In vivo evaluation of two new sustained release formulations elaborated by one-step melt granulation: Level A in vitro-in vivo correlation. *European Journal of Pharmaceutics and Biopharmaceutics*. Vol. 75, pp. 232 - 237. (Holland): 07/2010. ISSN 0939-6411

DOI: 10.1016/J.EJPB.2010.02.008**PMID:** 20159037**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 4.304**Impact source:** SCOPUS**Impact index in year of publication:** 1.961**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 22**Citations:** 14



- 181** Ana del Pozo-Rodríguez; Diego Delgado; Maria Ángeles Solinís; Jose Luis Pedraz; Enrique Echevarría; Juan Manuel Rodríguez; Alicia R. Gascón. Solid lipid nanoparticles as potential tools for gene therapy: In vivo protein expression after intravenous administration. *International Journal of Pharmaceutics*. Vol. 385, pp. 157 - 162. (Holland): 29/01/2010. ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2009.10.020
PMID: 19835940
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.607
Impact source: SCOPUS
Impact index in year of publication: 1.574
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 87
Citations: 0
- 182** Gorka Orive; José Luis Pedraz. Highlights and trends in cell encapsulation. *Advances in Experimental Medicine and Biology*. Vol. 670, pp. 1 - 4. (United States of America): 2010. ISSN 0065-2598, ISBN 9781441957856
DOI: 10.1007/978-1-4419-5786-3_1
PMID: 20384213
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 1.379
Impact source: SCOPUS
Impact index in year of publication: 0.992
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 7
- 183** Ainhoa Murua; Gorka Orive; Rosa M. Hernández; José Luis Pedraz. Epo delivery by genetically engineered C2C12 myoblasts immobilized in microcapsules. *Advances in Experimental Medicine and Biology*. Vol. 670, pp. 54 - 67. (United States of America): 2010. ISSN 0065-2598, ISBN 9781441957856
DOI: 10.1007/978-1-4419-5786-3_6
PMID: 20384218
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.379
Impact source: SCOPUS
Impact index in year of publication: 0.992
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 2



- 184** Edorta Santos; Jon Zarate; Gorka Orive; Rosa M. Hernández; José Luis Pedraz. Biomaterials in cell microencapsulation. *Advances in Experimental Medicine and Biology*. Vol. 670, pp. 5 - 21. (United States of America): 2010. ISSN 0065-2598, ISBN 9781441957856
DOI: 10.1007/978-1-4419-5786-3_2
PMID: 20384214
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.379
Impact source: SCOPUS
Impact index in year of publication: 0.992
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 76
- 185** Maria De Castro; Gorka Orive; Rosa M. Hernández; Artur Bartkowiak; Brylak W.; José L. Pedraz. Biocompatibility and in vivo evaluation of oligochitosans as cationic modifiers of alginate/Ca microcapsules. *Journal of Biomedical Materials Research - Part A*. Vol. 91, pp. 1119 - 1130. (United States of America): 15/12/2009. ISSN 1549-3296, ISSN 1552-4965
DOI: 10.1002/JBM.A.32270
PMID: 19145624
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.816
Impact source: SCOPUS
Impact index in year of publication: 1.259
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 19
Citations: 13
- 186** Ainhoa Murua; Gorka Orive; Rosa M. Hernández; José Luis Pedraz. Xenogeneic transplantation of erythropoietin-secreting cells immobilized in microcapsules using transient immunosuppression. *Journal of Controlled Release*. Vol. 137, pp. 174 - 178. (Holland): 04/08/2009. ISSN 0168-3659
DOI: 10.1016/J.JCONREL.2009.04.009
PMID: 19376171
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 5.949
Impact source: SCOPUS
Impact index in year of publication: 2.922
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 50

**Source of citations:** WOS**Citations:** 46

- 187** Ainhoa Murua; Gorka Orive; Rosa Ma. Hernández; José Luis Pedraz. Cryopreservation based on freezing protocols for the long-term storage of microencapsulated myoblasts. *Biomaterials*. Vol. 30, pp. 3495 - 3501. (United Kingdom): 08/2009. ISSN 0142-9612

DOI: 10.1016/J.BIOMATERIALS.2009.03.005**PMID:** 19327822**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 7.365**Impact source:** SCOPUS**Impact index in year of publication:** 3.381**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 44**Citations:** 41

- 188** Dorleta Otaegui; Alicia Rodríguez-Gascón; Aizpea Zubia; Fernando P. Cossío; José Luis Pedraz. Pharmacokinetics and tissue distribution of Kendine 91, a novel histone deacetylase inhibitor, in mice. *Cancer Chemotherapy and Pharmacology*. Vol. 64, pp. 153 - 159. (Germany): 07/2009. ISSN 0344-5704

DOI: 10.1007/S00280-008-0857-9**PMID:** 19002463**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.654**Impact source:** SCOPUS**Impact index in year of publication:** 1.088**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** Yes**Citations:** 13**Citations:** 14

- 189** Gorka Orive; María De Castro; Hyun-Joon Kong; Rosa Ma Hernández; Sara Ponce; David J. Mooney; José Luis Pedraz. Bioactive cell-hydrogel microcapsules for cell-based drug delivery. *Journal of Controlled Release*. Vol. 135, pp. 203 - 210. (Holland): 05/05/2009. ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2009.01.005**PMID:** 19344677**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 5.949**Impact source:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes

**Impact index in year of publication:** 2.922**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 96**Citations:** 83

- 190** del Pozo-Rodríguez A.; Solinís M.A.; Gascón A.R.; Pedraz J.L. Short- and long-term stability study of lyophilized solid lipid nanoparticles for gene therapy. *European Journal of Pharmaceutics and Biopharmaceutics*. Vol. 71, pp. 181 - 189. (Holland): 03/2009. ISSN 0939-6411

DOI: 10.1016/J.EJPB.2008.09.015**PMID:** 18940256**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 3.151**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.533**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 123**Source of citations:** WOS**Citations:** 105

- 191** del Pozo-Rodríguez A.; Pujals S.; Delgado D.; Solinís M.A.; Gascón A.R.; Giralte E.; Pedraz J.L. A proline-rich peptide improves cell transfection of solid lipid nanoparticle-based non-viral vectors. *Journal of Controlled Release*. Vol. 133, pp. 52 - 59. (Holland): 05/01/2009. ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2008.09.004**PMID:** 18854203**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 5.949**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.922**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 105**Source of citations:** WOS**Citations:** 95

- 192** del Pozo-Rodríguez A.; Delgado D.; Solinís M.A.; Gascón A.R.; Pedraz J.L. Solid lipid nanoparticles for retinal gene therapy: Transfection and intracellular trafficking in RPE cells. *International Journal of Pharmaceutics*. Vol. 360, pp. 177 - 183. (Holland): 06/08/2008. ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2008.04.023**PMID:** 18508211**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI

**Impact index in year of publication:** 3.061**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.227**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 103**Source of citations:** WOS**Citations:** 0

193 Dorleta Otaegui; Alicia Rodríguez-Gascón; Aizpea Zubia; Fernando P. Cossío; José Luis Pedraz. Development and validation of a liquid chromatography-tandem mass spectrometry for the determination of Kendine 91, a novel histone deacetylase inhibitor, in mice plasma and tissues: Application to a pharmacokinetic study. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*. Vol. 870, pp. 109 - 116. (Holland): 01/07/2008. ISSN 1570-0232

DOI: 10.1016/J.JCHROMB.2008.06.013**PMID:** 18583203**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.5**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.139**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 7

194 Manoli Igartua; Rosa Ma Hernández; Jaiver Eduardo Rosas; Manuel Elkin Patarroyo; José Luis Pedraz. γ-Irradiation effects on biopharmaceutical properties of PLGA microspheres loaded with SPf66 synthetic vaccine. *European Journal of Pharmaceutics and Biopharmaceutics*. Vol. 69, pp. 519 - 526. (Holland): 07/2008. ISSN 0939-6411

DOI: 10.1016/J.EJPB.2007.12.014**PMID:** 18280123**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.344**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.323**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 42**Source of citations:** WOS**Citations:** 38

195 Arantxazu Isla; Alicia Rodríguez-Gascón; Iñaki F. Trocóniz; Lorea Bueno; María Ángeles Solinís; Javier Maynar; José Ángel Sánchez-Izquierdo; José Luis Pedraz. Population pharmacokinetics of meropenem in critically ill patients undergoing continuous renal replacement therapy. *Clinical Pharmacokinetics*. Vol. 47, pp. 173 - 180. (New Zealand): 2008. ISSN 0312-5963, ISSN 1179-1926

DOI: 10.2165/00003088-200847030-00003

PMID: 18307371

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 4.206

Impact source: SCOPUS

Impact index in year of publication: 1.48

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 64

Citations: 59

196 Arantxazu Isla; Andrés Canut Blasco; Alicia Rodríguez-Gascón; Paloma Planells; Paola Beltrí-Orta; José Ignacio Salmerón-Escobar; Alicia Labora; José Luis Pedraz. Utilización de antimicrobianos en las infecciones odontogénicas en niños y adolescentes: Análisis farmacocinético/farmacodinámico (PK/PD). Enfermedades Infecciosas y Microbiología Clínica. Vol. 26, pp. 621 - 628. (Spain): Elsevier Doyma, 2008. ISSN 1578-1852, ISSN 0213-005X

PMID: 19100192

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 1.432

Impact source: SCOPUS

Impact index in year of publication: 0.321

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 7

197 Ainhoa Murua; María de Castro; Gorka Orive; Rosa Ma Hernández; José Luis Pedraz. In vitro characterization and in vivo functionality of erythropoietin-secreting cells immobilized in alginate-poly-L-lysine-alginate microcapsules. Biomacromolecules. Vol. 8, pp. 3302 - 3307. (United States of America): 12/2007. ISSN 1525-7797

DOI: 10.1021/BM070194B

PMID: 17941669

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.169

Impact source: SCOPUS

Impact index in year of publication: 2.178

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 56

Citations: 50



- 198** Laura Grandoso; Sara Ponce; Ivan Manuel; Aurora Arrúe; Jose A. Ruiz-Ortega; Isabel Ulibarri; Gorka Orive; Rosa M. Hernández; Alicia Rodríguez; Rafael Rodríguez-Puertas; Mercedes Zumárraga; Gurutz Linazasoro; Jose Luis Pedraz; Luisa Ugedo. Long-term survival of encapsulated GDNF secreting cells implanted within the striatum of parkinsonized rats. *International Journal of Pharmaceutics*. Vol. 343, pp. 69 - 78. (Holland): 01/10/2007. ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2007.05.027
PMID: 17583454
Type of production: Scientific paper
Position of signature: 13
Total no. authors: 14
Impact source: ISI
Impact index in year of publication: 2.408
Impact source: SCOPUS
Impact index in year of publication: 1.186
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 64
Citations: 53
- 199** del Pozo-Rodríguez A.; Delgado D.; Solinís M.A.; Gascón A.R.; Pedraz J.L. Solid lipid nanoparticles: Formulation factors affecting cell transfection capacity. *International Journal of Pharmaceutics*. Vol. 339, pp. 261 - 268. (Holland): 18/07/2007. ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2007.03.015
PMID: 17467205
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.408
Impact source: SCOPUS
Impact index in year of publication: 1.186
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 108
Citations: 94
- 200** Arantxazu Isla; Alicia R. Gascón; Javier Maynar; Alazne Arzuaga; José Antonio Sánchez-Izquierdo; José Luis Pedraz. In vitro AN69 and polysulphone membrane permeability to ceftazidime and in vivo pharmacokinetics during continuous renal replacement therapies. *Chemotherapy*. Vol. 53, pp. 194 - 201. (Switzerland): 05/2007. ISSN 0009-3157
DOI: 10.1159/000100864
PMID: 17356270
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 1.503
Impact source: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No

**Impact index in year of publication:** 0.648**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 29**Citations:** 28

- 201** Mata E.; Carcaboso A.M.; Hernández R.M.; Igartua M.; Corradin G.; Pedraz J.L. Adjuvant activity of polymer microparticles and Montanide ISA 720 on immune responses to Plasmodium falciparum MSP2 long synthetic peptides in mice. Vaccine. Vol. 25, pp. 877 - 885. (United Kingdom): 15/01/2007. ISSN 0264-410X

DOI: 10.1016/J.VACCINE.2006.09.036**PMID:** 17070628**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.377**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.299**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 30**Source of citations:** WOS**Citations:** 26

- 202** Jaiver E Rosas; José Luis Pedraz Muñoz. Microesferas de PLGA: un sistema para la liberación controlada de moléculas con actividad inmunogénica. Revista Colombiana de Ciencias Químico-Farmacéuticas. Vol. 36, pp. 134 - 143. (Colombia): Universidad Nacional de Colombia, 2007. Available on-line at: <<https://revistas.unal.edu.co/index.php/rccquifa/article/view/1574>>. ISSN 1909-6356, ISSN 0034-7418

DIALNET_ART: 8111942**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 2

- 203** Ponce S.; Orive G.; Hernández R.M.; Gascón A.R.; Canals J.M.; Muñoz M.T.; Pedraz J.L. In vivo evaluation of EPO-secreting cells immobilized in different alginate-PLL microcapsules. Journal of Controlled Release. Vol. 116, pp. 28 - 34. (Holland): 10/11/2006. ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2006.08.024**PMID:** 17081643**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.012**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.788**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 42**Source of citations:** WOS**Citations:** 39



- 204** Sara Ponce; Gorka Orive; Rosa Hernández; Alicia R. Gascón; Jose Luis Pedraz; Bart J. de Haan; Marijke M. Faas; Mathieu H.J.; Paul de Vos. Chemistry and the biological response against immunoisolating alginate-polycation capsules of different composition. *Biomaterials*. Vol. 27, pp. 4831 - 4839. (United Kingdom): 11/2006. ISSN 0142-9612

DOI: 10.1016/J.BIOMATERIALS.2006.05.014

PMID: 16766026

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 5.196

Impact source: SCOPUS

Impact index in year of publication: 2.391

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 109

Citations: 94

- 205** Arzuaga A.; Isla A.; Gascón A.R.; Maynar J.; Corral E.; Pedraz J.L. Elimination of piperacillin and tazobactam by renal replacement therapies with AN69 and polysulfone hemofilters: Evaluation of the sieving coefficient. *Blood Purification*. Vol. 24, pp. 347 - 354. (Switzerland): 09/2006. ISSN 0253-5068

DOI: 10.1159/000092921

PMID: 16645266

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 1.493

Impact source: SCOPUS

Impact index in year of publication: 0.556

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 27

Citations: 23

- 206** Gorka Orive; Susan K. Tam; José Luis Pedraz; Jean-Pierre Hallé. Biocompatibility of alginate-poly-L-lysine microcapsules for cell therapy. *Biomaterials*. Vol. 27, pp. 3691 - 3700. (United Kingdom): 08/2006. ISSN 0142-9612

DOI: 10.1016/J.BIOMATERIALS.2006.02.048

PMID: 16574222

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 5.196

Impact source: SCOPUS

Impact index in year of publication: 2.391

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

**Source of citations:** SCOPUS**Citations:** 306**Source of citations:** WOS**Citations:** 290

- 207** Eddy Castellanos Gil; Antonio Iraizoz Colarte; Bernard Bataille; José Luis Pedraz; Fernand Rodríguez; Jyrki Heinämäki. Development and optimization of a novel sustained-release dextran tablet formulation for propranolol hydrochloride. International Journal of Pharmaceutics. Vol. 317, pp. 32 - 39. (Holland): 06/07/2006. ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2006.02.049**PMID:** 16584856**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.212**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.995**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 70**Source of citations:** WOS**Citations:** 56

- 208** Artur Bartkowiak; Sławomir Lisiecki; Gorka Orive; Jose Luis Pedraz. The effect of selected parameters of formation on properties of alginate/Ca²⁺/oligochitosan capsules. Journal of Chemical Technology and Biotechnology. Vol. 81, pp. 511 - 518. (United Kingdom): 05/2006. ISSN 0268-2575, ISSN 1097-4660

DOI: 10.1002/JCTB.1523**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.276**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.674**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 8**Source of citations:** WOS**Citations:** 8

- 209** De Castro M.; Orive G.; Gascón A.R.; Hernandez R.M.; Pedraz J.L. Evaluation of human serum albumin as a substitute of foetal bovine serum for cell culture. International Journal of Pharmaceutics. Vol. 310, pp. 8 - 14. (Holland): 09/03/2006. ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2005.10.028**PMID:** 16434155**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.212**Journal in the top 25%:** No

**Impact source:** SCOPUS**Impact index in year of publication:** 0.995**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 14**Citations:** 14

- 210** Ana del Pozo Rodríguez; Diego Delgado San Vicente; María Ángeles Solinís Aspiazú; Alicia Rodríguez Gascón; José Luis Pedraz Muñoz. Terapia génica: concepto, sistemas de administración y aplicaciones. Industria farmacéutica: Equipos, procesos y tecnología. Num. 128, pp. 86 - 99. (Spain): Alción, 2006. ISSN 0213-5574

DIALNET_ART: 3210585**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

- 211** Arantxazu Isla; Javier Maynar; José Ángel Sánchez-Izquierdo; Alicia R. Gascón; Alazne Arzuaga; Esther Corral; José Luis Pedraz. Meropenem and continuous renal replacement therapy: In vitro permeability of 2 continuous renal replacement therapy membranes and influence of patient renal function on the pharmacokinetics in critically ill patients. Journal of Clinical Pharmacology. Vol. 45, pp. 1294 - 1304. (United States of America): 12/2005. ISSN 0091-2700

DOI: 10.1177/0091270005280583**PMID:** 16239363**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 2.889**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.998**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 50**Source of citations:** WOS**Citations:** 49

- 212** Arzuaga A.; Isla A.; Gascón A.R.; Maynar J.; Martín A.; Solinís M.A.; Toral D.; Pedraz Muñoz J.L. Quantification and stability of piperacillin and tazobactam in plasma and ultrafiltrate from patients undergoing continuous venovenous hemofiltration by HPLC. Biomedical Chromatography. Vol. 19, pp. 570 - 578. (United Kingdom): 11/2005. ISSN 0269-3879

DOI: 10.1002/BMC.482**PMID:** 15828066**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 1.218**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.63**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 24



Source of citations: WOS

Citations: 21

- 213** Isla A.; Arzuaga A.; Maynar J.; Gascón A.R.; Solinís M.A.; Corral E.; Pedraz J.L. Determination of ceftazidime and cefepime in plasma and dialysate-ultrafiltrate from patients undergoing continuous veno-venous hemodiafiltration by HPLC. Journal of Pharmaceutical and Biomedical Analysis. Vol. 39, pp. 996 - 1005. (Holland): 04/10/2005. ISSN 0731-7085

DOI: 10.1016/J.JPBA.2005.05.027

PMID: 16026959

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 1.889

Impact source: SCOPUS

Impact index in year of publication: 1.009

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: Yes

Citations: 43

Citations: 32

- 214** Orive G.; De Castro M.; Ponce S.; Hernández R.M.; Gascón A.R.; Bosch M.; Alberch J.; José L. Pedraz. Long-term expression of erythropoietin from myoblasts immobilized in biocompatible and neovascularized microcapsules. Molecular Therapy. Vol. 12, pp. 283 - 289. (United States of America): 09/2005. Available on-line at: <<https://doi.org/10.1016/j.ymthe.2005.04.002>>. ISSN 1525-0016

DOI: 10.1016/J.YMTHE.2005.04.002

PMID: 15935736

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 5.443

Impact source: SCOPUS

Impact index in year of publication: 2.054

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 67

Citations: 65

- 215** Orive G.; Bartkowiak A.; Lisiecki S.; De Castro M.; Hernández R.M.; Gascón A.R.; Pedraz J.L. Biocompatible oligochitosans as cationic modifiers of alginate/Ca microcapsules. Journal of Biomedical Materials Research - Part B Applied Biomaterials. Vol. 74, pp. 429 - 439. (United States of America): 08/2005. ISSN 0021-9304

DOI: 10.1002/JBM.B.30146

PMID: 15909303

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 2.743

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes



Impact source: SCOPUS

Impact index in year of publication: 1.467

Source of citations: SCOPUS

Source of citations: WOS

Journal in the top 25%: Yes

Citations: 23

Citations: 22

- 216** Rosiński S.; Lewińska D.; Wójcik M.; Orive G.; Pedraz J.L.; Weryński A. Mass transfer characteristics of poly-lysine, poly-ornithine and poly-methylene-co-guanidine membrane coated alginate microcapsules. Journal of Membrane Science. Vol. 254, pp. 249 - 257. (Holland): 01/06/2005. ISSN 0376-7388

DOI: 10.1016/J.MEMSCI.2004.12.046

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.654

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.748

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 9

Source of citations: WOS

Citations: 9

- 217** De Castro M.; Orive G.; Hernández R.M.; Gascón A.R.; José Luis Pedraz. Comparative study of microcapsules elaborated with three polycations (PLL, PDL, PLO) for cell immobilization. Journal of Microencapsulation. Vol. 22, pp. 303 - 315. (United Kingdom): 06/2005. ISSN 0265-2048

DOI: 10.1080/026520405000099893

PMID: 16019916

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 1.37

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 0.584

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 55

Source of citations: WOS

Citations: 52

- 218** Lourdes Ochoa; Manuela Igartua; Rosa Ma. Hernández; Alicia R. Gascón; José Luis Pedraz Muñoz. Preparation of sustained release hydrophilic matrices by melt granulation in a high-shear mixer. Journal of Pharmacy and Pharmaceutical Sciences. Vol. 8, pp. 132 - 140. (Canada): 06/2005. ISSN 1482-1826, ISSN 1482-1826

PMID: 16124924

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.042

Journal in the top 25%: No

**Impact source:** SCOPUS**Impact index in year of publication:** 0.598**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 38

- 219** Arantxazu Isla; Alicia Rodríguez Gascón; Javier Maynar; Alazne Arzuaga; Darío Toral; José Luis Pedraz. Cefepime and continuous renal replacement therapy (CRRT): In vitro permeability of two CRRT membranes and pharmacokinetics in four critically ill patients. *Clinical Therapeutics*. Vol. 27, pp. 599 - 608. (United States of America): 06/2005. ISSN 0149-2918, ISSN 1879-114X

DOI: 10.1016/J.CLINTHERA.2005.05.004**PMID:** 15978309**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.03**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.136**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 49**Source of citations:** WOS**Citations:** 0

- 220** Arús L.; Orive G.; Hernández R.; Rodríguez A.; Rojas A.; Pedraz J.L. The influence of cellular seeding density in the microencapsulation of hybridoma cells. *Journal of Biomaterials Science, Polymer Edition*. Vol. 16, pp. 521 - 529. (Holland): 05/2005. ISSN 0920-5063

DOI: 10.1163/1568562053700156**PMID:** 15887657**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.409**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.672**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 5

- 221** Ponce S.; Orive G.; Gascón A.R.; Hernández R.M.; Pedraz J.L. Microcapsules prepared with different biomaterials to immobilize GDNF secreting 3T3 fibroblasts. *International Journal of Pharmaceutics*. Vol. 293, pp. 1 - 10. (Holland): Elsevier, 11/04/2005. ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2004.10.028**PMID:** 15778039**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

**Impact source:** ISI**Impact index in year of publication:** 2.156**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.043**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 18**Source of citations:** WOS**Citations:** 19

- 222** Orive G.; Carcaboso A.M.; Hernández R.M.; Gascón A.R.; Pedraz J.L. Biocompatibility evaluation of different alginates and alginate-based microcapsules. *Biomacromolecules*. Vol. 6, pp. 927 - 931. (United States of America): 04/2005. ISSN 1525-7797

DOI: 10.1021/BM049380X**PMID:** 15762661**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.618**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.665**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 113**Source of citations:** WOS**Citations:** 104

- 223** Alazne Arzuaga; Javier Maynar; Alicia R. Gascón; Arantxazu Isla; Esther Corral; Fernando Fonseca; José Ángel Sánchez-Izquierdo; Jordi Rello; Andrés Canut; José Luis Pedraz. Influence of renal function on the pharmacokinetics of piperacillin/ tazobactam in intensive care unit patients during continuous venovenous hemofiltration. *Journal of Clinical Pharmacology*. Vol. 45, pp. 168 - 176. (United States of America): 03/2005. ISSN 0091-2700

DOI: 10.1177/0091270004269796**PMID:** 15647409**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 10**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 2.889**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.998**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 64**Source of citations:** WOS**Citations:** 62

- 224** Beobide I.; Canut A.; Gascón A.R.; Isla A.; García-Rey C.; De La Maza I.; Labora A.; José Luis Pedraz. Evaluation of antimicrobial treatments in children with acute otitis media in Spain: A pharmacokinetic-pharmacodynamic (PK/PD) approach. *Journal of Chemotherapy*. Vol. 17, pp. 628 - 635. (Italy): E.S.I.F.T. srl, 2005. ISSN 1120-009X

DOI: 10.1179/JOC.2005.17.6.628

**PMID:** 16433193**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 1.147**Impact source:** SCOPUS**Impact index in year of publication:** 0.401**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 5**Citations:** 4

225 Arantxa Isla; Andrés Canut; Alicia R. Gascón; Alicia Labora; Bruno Ardanza-Trevijano; María Ángeles Solinís; Jose Luis Pedraz. Pharmacokinetic/pharmacodynamic evaluation of antimicrobial treatments of orofacial odontogenic infections. *Clinical Pharmacokinetics*. Vol. 44, pp. 305 - 316. (New Zealand): 2005. ISSN 0312-5963

DOI: 10.2165/00003088-200544030-00006**PMID:** 15762771**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 5.195**Impact source:** SCOPUS**Impact index in year of publication:** 1.745**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 24**Citations:** 14

226 Arantxazu Isla; Andrés Canut; Alicia Rodríguez-Gascón; Alicia Labora; Bruno Ardanza-Trevijano; María Ángeles Solinís; José Luis Pedraz. Análisis farmacocinético/farmacodinámico (PK/PD) de la antibioterapia en odontoestomatología. *Enfermedades Infecciosas y Microbiología Clínica*. Vol. 23, pp. 116 - 121. (Spain): Ediciones Doyma, S.L., 2005. ISSN 0213-005X

DOI: 10.1157/13072159**PMID:** 15757581**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 0.905**Impact source:** SCOPUS**Impact index in year of publication:** 0.245**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 16**Citations:** 9



- 227** Carcaboso A.M.; Hernández R.M.; Igartua M.; Rosas J.E.; Patarroyo M.E.; Pedraz J.L. Potent, long lasting systemic antibody levels and mixed Th1/Th2 immune response after nasal immunization with malaria antigen loaded PLGA microparticles. *Vaccine*. Vol. 22, pp. 1423 - 1432. (United Kingdom): Elsevier BV, 29/03/2004. ISSN 0264-410X
DOI: 10.1016/J.VACCINE.2003.10.020
PMID: 15063565
SCOPUS: 20183335413
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.824
Impact source: SCOPUS
Impact index in year of publication: 1.17
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 77
Citations: 66
- 228** Ángel M. Carcaboso; Rosa M. Hernández; Manuela Igartua; Jaiver E. Rosas; Manuel E. Patarroyo; José L. Pedraz. Enhancing Immunogenicity and Reducing Dose of Microparticulated Synthetic Vaccines: Single Intradermal Administration. *Pharmaceutical Research*. Vol. 21, pp. 121 - 126. (United States of America): 02/2004. ISSN 0724-8741
DOI: 10.1023/B:PHAM.0000012159.20895.5B
PMID: 14984266
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.325
Impact source: SCOPUS
Impact index in year of publication: 1.099
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 24
Citations: 24
- 229** Cuadrado A.; Gascón A.R.; Solinís M.A.; Ramírez E.; Hernández R.M.; Knie U.; Pedraz J.L. Bioequivalence of two oral ciprofloxacin tablets formulations. *International Journal of Clinical Pharmacology and Therapeutics*. Vol. 42, pp. 336 - 341. (Germany): Dustri-Verlag Dr. Karl Feistle, 2004. ISSN 0946-1965
DOI: 10.5414/CP42336
PMID: 15222727
SCOPUS: 20097996215
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 1.414
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.41

Source of citations: SCOPUS

Journal in the top 25%: No

Citations: 6

- 230** Gutierrez I.; Hernández R.M.; Igartua M.; Gascón A.R.; Pedraz J.L. Immune responses to orally administered PLGA microparticles: Influence of oil vehicles and surfactive agents. *Journal of Microencapsulation*. Vol. 20, pp. 525 - 536. (United Kingdom): 08/2003. ISSN 0265-2048

DOI: 10.1080/0265204031000093023

PMID: 12851052

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 0.915

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.528

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 3

Source of citations: WOS

Citations: 2

- 231** Carcaboso A.M.; Hernández R.M.; Igartua M.; Gascón A.R.; Rosas J.E.; Patarroyo M.E.; Pedraz J.L. Immune response after oral administration of the encapsulated malaria synthetic peptide SPf66. *International Journal of Pharmaceutics*. Vol. 260, pp. 273 - 282. (Holland): Elsevier, 24/07/2003. ISSN 0378-5173

DOI: 10.1016/S0378-5173(03)00266-7

PMID: 12842346

Type of production: Scientific paper

Position of signature: 7

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 1.539

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.981

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 44

Source of citations: WOS

Citations: 31

- 232** Gascón A.R.; Cuadrado A.; Solinís M.A.; Hernández R.M.; Ramírez E.; Dalmau R.; Pedraz Muñoz J.L. Comparative bioavailability of two immediate-release tablets of lisinopril/hydrochlorothiazide in healthy volunteers. *International Journal of Clinical Pharmacology and Therapeutics*. Vol. 41, pp. 309 - 315. (Germany): Dustri-Verlag Dr. Karl Feistle, 01/07/2003. ISSN 0946-1965

DOI: 10.5414/CPP41309

PMID: 12875347

Type of production: Scientific paper

Position of signature: 7

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

**Impact source:** ISI**Impact index in year of publication:** 0.923**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.479**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 7

- 233** Orive G.; Hernández R.M.; Gascón A.R.; Igartua M.; Pedraz J.L. Development and optimisation of alginate-PMCG-alginate microcapsules for cell immobilisation. International Journal of Pharmaceutics. Vol. 259, pp. 57 - 68. (Holland): Elsevier, 18/06/2003. ISSN 0378-5173

DOI: 10.1016/S0378-5173(03)00201-1**PMID:** 12787636**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 1.539**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.981**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 67**Source of citations:** WOS**Citations:** 58

- 234** Gascón A.R.; Gutiérrez-Aragón G.; Hernández R.M.; Errasti J.; Pedraz Muñoz J.L. Pharmacokinetics and tissue penetration of pefloxacin plus metronidazole after administration as surgical prophylaxis in colorectal surgery. International Journal of Clinical Pharmacology and Therapeutics. Vol. 41, pp. 267 - 274. (Germany): Dustri-Verlag Dr. Karl Feistle, 01/06/2003. ISSN 0946-1965

DOI: 10.5414/CP41267**PMID:** 12816179**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 0.923**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.479**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 3

- 235** Orive G.; Hernández R.M.; Gascón A.R.; Igartua M.; Pedraz J.L. Survival of different cell lines in alginate-agarose microcapsules. European Journal of Pharmaceutical Sciences. Vol. 18, pp. 23 - 30. (Holland): 02/2003. ISSN 0928-0987

DOI: 10.1016/S0928-0987(02)00220-8**PMID:** 12554069**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.248**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.979**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 94**Source of citations:** WOS**Citations:** 86

- 236** A Cuadrado; AR Gascon; RM Hernandez; AM Castilla; A de la Maza; C Yanez; AL de Ocariz; MA Solinis; JL Pedraz. In vivo pharmacokinetic-pharmacodynamic relationship and in vitro equivalence of two oral furosemide tablet formulations. ARZNEIMITTELFORSCHUNG-DRUG RESEARCH. Vol. 53, pp. 321 - 329. GEORG THIEME VERLAG KG, 01/01/2003. ISSN 0004-4172, ISSN 1616-7066

WOS: WOS:000183296600004**PMID:** MEDLINE:12854359**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 9**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 0.671**Journal in the top 25%:** No**Source of citations:** WOS**Citations:** 3

- 237** Gorka Orive Arroyo; Rosa María Hernández Martín; Manuela Igartua Olaechea; José Luis Pedraz Muñoz; Alicia Rodríguez Gascón. Ehun-ingeniaritza: XXI. mendeko medikuntza. Elhuyar: zientzia eta teknika. Num. 190, pp. 14 - 17. (Spain): Elhuyar Fundazioa, 2003. Available on-line at: <<https://zientzia.eus/artikuluak/ehun-ingeniaritza-xxi-mendeko-medikuntza/>>. ISSN 0213-3687

DIALNET_ART: 671926**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

- 238** Stefan Rosinski; Dorota Lewinska; Gorka Orive; José Luis Pedraz. Koeficejnt prenosa mase, alginatne čestice, poly-l-lysine, poly-l-ornithine, poly-methylene-co-guanidine, imobilizacija ćelija. Chemical Industry and Chemical Engineering Quarterly. Vol. 9, pp. 626 - 631. (Serbia): CI and CEQ, 2003. ISSN 2217-7434, ISSN 1451-9372

SCOPUS: 20171023806**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** SCOPUS**Impact index in year of publication:** 0.12**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 0

- 239** Antonio Cuadrado; Alicia Rodríguez Gascón; Rosa María Hernández; Ana María Castilla; Ane De La Maza; Carlos Yáñez; Alicia López De Ocariz; M. Angeles Solinis; José Luis Pedraz. In vivo pharmacokinetic-pharmacodynamic relationship and in vitro equivalence of two oral furosemide tablet formulations. Arzneimittel-Forschung/Drug Research. Vol. 53, pp. 321 - 329. (Germany): Editio Cantor Verlag GmbH, 2003. ISSN 0004-4172

DOI: 10.1055/S-0031-1297116

PMID: 12854359

SCOPUS: 20098107161

Type of production: Scientific paper

Position of signature: 9

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 0.671

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Citations: 3

- 240** Gutierrez I.; Hernández R.M.; Igartua M.; Gascón A.R.; Pedraz J.L. Size dependent immune response after subcutaneous, oral and intranasal administration of BSA loaded nanospheres. *Vaccine*. Vol. 21, pp. 67 - 77. (United Kingdom): 22/11/2002. ISSN 0264-410X

DOI: 10.1016/S0264-410X(02)00435-8

PMID: 12443664

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.811

Impact source: SCOPUS

Impact index in year of publication: 1.132

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 267

Citations: 238

- 241** Gascón A.R.; Campo E.; Olea E.; Hernández R.M.; Calvo B.; Errasti J.; Pedraz J.L. Pharmacokinetics and tissue distribution of intravenous pefloxacin for antibiotic prophylaxis in biliary surgery. *Biopharmaceutics and Drug Disposition*. Vol. 23, pp. 293 - 300. (United Kingdom): 11/2002. ISSN 0142-2782

DOI: 10.1002/BDD.321

PMID: 12355580

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 0.688

Impact source: SCOPUS

Impact index in year of publication: 0.315

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 3

Citations: 2

- 242** Daniela Ubiali; Giuseppe Pagani; Massimo Pregnolato; Claudio Piersimoni; José L. Pedraz Muñoz; Alicia Rodríguez Gascón; Marco Terreni. New N-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecarbothioamides as antituberculous agents with improved pharmacokinetics. *Bioorganic and Medicinal Chemistry Letters*. Vol. 12, pp. 2541 - 2544. (United Kingdom): 16/09/2002. ISSN 0960-894X

DOI: 10.1016/S0960-894X(02)00490-0

PMID: 12182855

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 2.051

Impact source: SCOPUS

Impact index in year of publication: 0.877

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: No

Journal in the top 25%: Yes

Citations: 13

Citations: 0

- 243** Gutierrez I.; Hernández R.M.; Igarua M.; Gascón A.R.; Pedraz J.L. Influence of dose and immunization route on the serum Ig G antibody response to BSA loaded PLGA microspheres. Vaccine. Vol. 20, pp. 2181 - 2190. (United Kingdom): 22/05/2002. ISSN 0264-410X

DOI: 10.1016/S0264-410X(02)00146-9

PMID: 12009271

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.811

Impact source: SCOPUS

Impact index in year of publication: 1.132

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 47

Citations: 41

- 244** Rosas J.E.; Pedraz J.L.; Hernández R.M.; Gascón A.R.; Igarua M.; Guzmán F.; Rodríguez R.; Cortés J.; Patarroyo M.E. Remarkably high antibody levels and protection against P. falciparum malaria in Aotus monkeys after a single immunisation of SPf66 encapsulated in PLGA microspheres. Vaccine. Vol. 20, pp. 1707 - 1710. (United Kingdom): 15/03/2002. ISSN 0264-410X

DOI: 10.1016/S0264-410X(01)00508-4

PMID: 11906756

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 2.811

Impact source: SCOPUS

Impact index in year of publication: 1.132

Source of citations: SCOPUS

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 50

Citations: 44



- 245** Igartua M.; Saulnier P.; Heurtault B.; Pech B.; Proust J.E.; Pedraz J.L.; Benoit J.P. Development and characterization of solid lipid nanoparticles loaded with magnetite. *International Journal of Pharmaceutics*. Vol. 233, pp. 149 - 157. (Holland): 21/02/2002. ISSN 0378-5173
DOI: 10.1016/S0378-5173(01)00936-X
PMID: 11897419
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 1.495
Impact source: SCOPUS
Impact index in year of publication: 0.815
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: Yes
Citations: 69
Citations: 55
- 246** A Cuadrado; AR Gascon; RM Hernandez; AM Castilla; A de la Maza; AL de Ocariz; B Calvo; JL Pedraz. In vitro and in vivo equivalence of two oral atenolol tablet formulations. *ARZNEIMITTELFORSCHUNG-DRUG RESEARCH*. Vol. 52, pp. 371 - 378. GEORG THIEME VERLAG KG, 01/01/2002. ISSN 0004-4172, ISSN 1616-7066
WOS: WOS:000176169300004
PMID: MEDLINE:12087922
Type of production: Scientific paper
Position of signature: 8
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 0.748
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Citations: 5
- 247** M. Angeles Solinís; Yaimy De La Cruz; Begoña Calvo; Rosa M. Hernández; Alicia R. Gascón; Isabel Goñi; M. Dolores Gurruchaga; José Luis Pedraz. Release of salbutamol sulphate and ketoprofen enantiomers from matrices containing HPMC and cellulose derivatives. *Chirality*. Vol. 14, pp. 806 - 813. (United States of America): 2002. ISSN 0899-0042
DOI: 10.1002/CHIR.10143
PMID: 12395398
Type of production: Scientific paper
Position of signature: 8
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 1.575
Impact source: SCOPUS
Impact index in year of publication: 0.608
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Journal in the top 25%: No
Citations: 16
Citations: 13



- 248** A. Cuadrado; Alicia Rodríguez Gascón; José Luis Pedraz Muñoz; A. Navarro; C. Leal; G. García; R. Ortolá. Evaluación de bioequivalencia entre dos formulaciones orales de ciprofloxacino 750 mg en voluntarios sanos. Industria farmacéutica: Equipos, procesos y tecnología. Num. 99, pp. 93 - 97. (Spain): Alción, 2002. ISSN 0213-5574
DIALNET_ART: 3188295
Type of production: Scientific paper
Position of signature: 3
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 7
- 249** Orive G.; Ponce S.; Hernández R.M.; Gascón A.R.; Igartua M.; Pedraz J.L. Biocompatibility of microcapsules for cell immobilization elaborated with different type of alginates. Biomaterials. Vol. 23, pp. 3825 - 3831. (United Kingdom): 2002. ISSN 0142-9612
DOI: 10.1016/S0142-9612(02)00118-7
PMID: 12164186
Type of production: Scientific paper
Position of signature: 6
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.008
Journal in the top 25%: Yes
Impact source: SCOPUS
Impact index in year of publication: 1.725
Journal in the top 25%: Yes
Source of citations: SCOPUS
Citations: 254
Source of citations: WOS
Citations: 232
- 250** Antonio Cuadrado; Alicia Rodríguez Gascón; Rosa María Hernández; Ana María Castilla; Ane De la Maza; Alicia López de Ocariz; Begoña Calvo; José Luis Pedraz. In vitro and in vivo equivalence of two oral atenolol tablet formulations. Arzneimittel-Forschung/Drug Research. Vol. 52, pp. 371 - 378. (Germany): 2002. ISSN 0004-4172
PMID: 12087922
Type of production: Scientific paper
Position of signature: 8
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 0.748
Journal in the top 25%: No
Source of citations: SCOPUS
Citations: 8
- 251** Esquisabel A.; Hernández R.M.; Igartua M.; Gascón A.R.; Calvo B.; Pedraz J.L. Preparation and stability of agarose microcapsules containing BCG. Journal of Microencapsulation. Vol. 19, pp. 237 - 244. (United Kingdom): 2002. ISSN 0265-2048
DOI: 10.1080/02652040110081370
PMID: 11837978
Type of production: Scientific paper
Position of signature: 6
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Impact source: ISI

**Impact index in year of publication:** 1.024**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.675**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 14**Source of citations:** WOS**Citations:** 14

- 252** Solinís M.A.; De La Cruz Y.; Hernández R.M.; Gascón A.R.; Calvo B.; Pedraz J.L. Release of ketoprofen enantiomers from HPMC K100M matrices - Diffusion studies. International Journal of Pharmaceutics. Vol. 239, pp. 61 - 68. 2002. ISSN 0378-5173

DOI: 10.1016/S0378-5173(02)00047-9**PMID:** 12052691**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.495**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.815**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 32**Source of citations:** WOS**Citations:** 29

- 253** Harguindey S.; Orive G.; Pedraz J.L.; Bello G.; Arranz J.L.; Samaniego J.M. Curación aparente de un caso de carcinoma de ovario metastásico después de tratamiento crónico con inhibidores del antiportador Na⁺-H⁺. Oncología. Vol. 25, pp. 62 - 66. (Spain): Alpe Editores S.A., 2002. ISSN 0378-4835

Type of production: Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** SCOPUS**Impact index in year of publication:** 0.1**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 8

- 254** Orive G.; Hernández R.M.; Gascón A.R.; Igartua M.; Rojas A.; Pedraz J.L. Microencapsulation of an anti-VE-cadherin antibody secreting 1B5 hybridoma cells. Biotechnology and Bioengineering. Vol. 76, pp. 285 - 294. (United States of America): 08/11/2001. ISSN 0006-3592

DOI: 10.1002/BIT.10050**PMID:** 11745155**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.037**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 1.059**Journal in the top 25%:** Yes

**Source of citations:** SCOPUS**Citations:** 36**Source of citations:** WOS**Citations:** 31

- 255** Rosas J.E.; Hernández R.M.; Gascón A.R.; Igartua M.; Guzman F.; Patarroyo M.E.; Pedraz J.L. Biodegradable PLGA microspheres as a delivery system for malaria synthetic peptide SPf66. *Vaccine*. Vol. 19, pp. 4445 - 4451. (United Kingdom): 14/08/2001. ISSN 0264-410X

DOI: 10.1016/S0264-410X(01)00192-X**PMID:** 11483270**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 2.943**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.012**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 63**Source of citations:** WOS**Citations:** 55

- 256** Yordanka González Merlo; Janet Lora García; Rosa María Hernández Martín; Alicia Rodríguez Gascón; José Luis Pedraz Muñoz; Manuela Igartua Olachea; Ana Castilla Olea. Comparación de los perfiles de disolución de diferentes formulaciones genéricas de captopril. *Industria farmacéutica: Equipos, procesos y tecnología*. Num. 91, pp. 113 - 117. (Spain): Alción, 2001. ISSN 0213-5574

DIALNET_ART: 3168493**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7

- 257** Gorka Orive Arroyo; Rosa María Hernández Martín; Alicia Rodríguez Gascón; Manuela Igartua Olachea; José Luis Pedraz Muñoz; A. Rojas Rubio. Clasificación de los sistemas de inmovilización de agentes biológicos. *Industria farmacéutica: Equipos, procesos y tecnología*. Num. 93, pp. 67 - 71. (Spain): Alción, 2001. ISSN 0213-5574

DIALNET_ART: 3170767**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6

- 258** Igartua M.; Hernández R.M.; Gutierrez I.; Gascón A.R.; Pedraz J.L. Preliminary assessment of the immune response to Olea europaea pollen extracts encapsulated into PLGA microspheres. *Pharmaceutical Development and Technology*. Vol. 6, pp. 621 - 627. (United States of America): 2001. ISSN 1083-7450

DOI: 10.1081/PDT-120000299**PMID:** 11775962**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI

Impact index in year of publication: 0.797

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.548

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 12

Source of citations: WOS

Citations: 12

- 259** Maza A.M.; Gascon A.R.; Hernandez R.M.; Solinis M.A.; Calvo M.B.; Pedraz J.L. Influence of hepatic regeneration after partial hepatectomy on theophylline pharmacokinetics in rats. *European Journal of Drug Metabolism and Pharmacokinetics*. Vol. 26, pp. 53 - 58. 2001. ISSN 0378-7966

DOI: 10.1007/BF03190376

PMID: 11554434

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 0.392

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.22

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 3

Source of citations: WOS

Citations: 3

- 260** San Vicente A.; Hernández R.M.; Gascón A.R.; Calvo M.B.; Pedraz J.L. Effect of aging on the release of salbutamol sulfate from lipid matrices. *International Journal of Pharmaceutics*. Vol. 208, pp. 13 - 21. (Holland): 04/11/2000. ISSN 0378-5173

DOI: 10.1016/S0378-5173(00)00512-3

PMID: 11064207

Type of production: Scientific paper

Format: Journal

Position of signature: 5

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 1.024

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.588

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 25

Source of citations: WOS

Citations: 18

- 261** Esquisabel A.; Hernández R.M.; Igartua M.; Gascón A.R.; Calvo B.; Pedraz J.L. Effect of lecithins on BCG-alginate-PLL microcapsule particle size and stability upon storage. *Journal of Microencapsulation*. Vol. 17, pp. 363 - 372. (United Kingdom): 06/2000. ISSN 0265-2048

PMID: 10819423

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

**Impact source:** ISI**Impact index in year of publication:** 1.076**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.635**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16

- 262** Gorka Orive Arroyo; Rosa María Hernández Martín; Alicia Rodríguez Gascón; Manuela Igartua Olachea; A. Rojas Rubio; José Luis Pedraz Muñoz. Optimización del proceso de microencapsulación de un hibridoma productor de anticuerpo anticaderina-ve. Industria farmacéutica: Equipos, procesos y tecnología. Num. 3, pp. 89 - 92. (Spain): Alción, 2000. ISSN 0213-5574

DIALNET_ART: 3164313**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6

- 263** Antonio Cuadrado; Alicia Rodríguez Gascón; Rosa María Hernández Martín; Begoña Calvo Hernáez; José Luis Pedraz Muñoz. La unidad de desarrollo farmacéutico. Industria farmacéutica: Equipos, procesos y tecnología. Num. 4, pp. 69 - 73. (Spain): Alción, 2000. ISSN 0213-5574

DIALNET_ART: 3165648**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

- 264** Gascon A.R.; Campo E.; Hernandez R.M.; Calvo B.; Errasti J.; Pedraz Munoz J.L. Pharmacokinetics of ofloxacin enantiomers after intravenous administration for antibiotic prophylaxis in biliary surgery. Journal of Clinical Pharmacology. Vol. 40, pp. 869 - 874. (United States of America): SAGE Publications Inc., 2000. ISSN 0091-2700

DOI: 10.1177/00912700022009602**PMID:** 10934671**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.003**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.679**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 10**Source of citations:** WOS**Citations:** 8

- 265** Salvador Harguindey; Jose Luis Pedraz; Rafael García Cañero; Michael Katin. Edelfosine, apoptosis, MDR and Na⁺/H⁺ exchanger: Induction mechanisms and treatment implications. Apoptosis. Vol. 5, pp. 87 - 89. 2000. ISSN 1360-8185

DOI: 10.1023/A:1009645927931**PMID:** 11227496**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2

**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 0.949**Impact source:** SCOPUS**Impact index in year of publication:** 0.577**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Journal in the top 25%:** No**Journal in the top 25%:** Yes**Citations:** 24**Citations:** 17

- 266** Igartua M.; Hernández R.M.; Esquisabel A.; Gascón A.R.; Calvo M.B.; Pedraz J.L. Enhanced immune response after subcutaneous and oral immunization with biodegradable PLGA microspheres. *Journal of Controlled Release*. Vol. 56, pp. 63 - 73. (Holland): 04/12/1998. ISSN 0168-3659

DOI: 10.1016/S0168-3659(98)00077-7**PMID:** 9801430**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.894**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** Yes**Citations:** 98**Citations:** 89

- 267** Molpeceres J.; Chacón M.; Berges L.; Pedraz J.L.; Guzmán M.; Aberturas M.R. Age and sex dependent pharmacokinetics of cyclosporine in the rat after a single intravenous dose. *International Journal of Pharmaceutics*. Vol. 174, pp. 9 - 18. (Holland): Elsevier, 15/11/1998. ISSN 0378-5173

DOI: 10.1016/S0378-5173(98)00198-7**SCOPUS:** 20183302025**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 0.978**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 10**Citations:** 9

- 268** Igartua M.; Hernández R.M.; Esquisabel A.; Gascón A.R.; Calvo M.B.; Pedraz J.L. Stability of BSA encapsulated into PLGA microspheres using page and capillary electrophoresis. *International Journal of Pharmaceutics*. Vol. 169, pp. 45 - 54. (Holland): 30/06/1998. ISSN 0378-5173

DOI: 10.1016/S0378-5173(98)00101-X**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI

**Impact index in year of publication:** 0.978**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 58**Citations:** 51

- 269** Solinís M.A.; Lugará S.; Calvo B.; Hernández R.M.; Gascón A.R.; Pedraz J.L. Release of salbutamol sulfate enantiomers from hydroxypropylmethylcellulose matrices. *International Journal of Pharmaceutics*. Vol. 161, pp. 37 - 43. (Holland): 09/02/1998. ISSN 0378-5173

DOI: 10.1016/S0378-5173(97)00326-8**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 0.978**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 23**Citations:** 15

- 270** Gascón A.R.; Campo E.; Hernández R.M.; Calvo B.; Errasti J.; Pedraz J.L. Pharmacokinetics and tissue distribution of intravenous ofloxacin for antibiotic prophylaxis in biliary surgery. *Clinical Drug Investigation*. Vol. 15, pp. 491 - 496. (New Zealand): 1998. ISSN 1173-2563

DOI: 10.2165/00044011-199815060-00005**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 0.71**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 8**Citations:** 6

- 271** Amaia Esquisabel; Rosa M. Hernández; Alicia R. Gascón; Manoli Igartua; Begoña Calvo; José Luis Pedraz. Determination of salbutamol enantiomers by high-performance capillary electrophoresis and its application to dissolution assays. *Journal of Pharmaceutical and Biomedical Analysis*. Vol. 16, pp. 357 - 366. (Holland): 11/1997. ISSN 0731-7085

DOI: 10.1016/S0731-7085(97)00047-2**PMID:** 9408855**Type of production:** Scientific paper**Position of signature:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.046**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 33**Citations:** 28



- 272** Hernández R.M.; Gascón A.R.; Calvo M.B.; Caramella C.; Conte U.; Domínguez-Gil A.; Pedraz J.L. Influence of route of administration and dosage form in the pharmacokinetic and bioavailability of salbutamol. *European Journal of Drug Metabolism and Pharmacokinetics*. Vol. 22, pp. 145 - 150. (Switzerland): Springer-Verlag France, 1997. ISSN 0378-7966
DOI: 10.1007/BF03189798
PMID: 9248783
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 0.567
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: No
Citations: 10
Citations: 9
- 273** Igartua M.; Hernandez R.M.; Esquisabel A.; Gascon A.R.; Calvo M.B.; Pedraz J.L. Influence of formulation variables on the in-vitro release of albumin from biodegradable microparticulate systems. *Journal of Microencapsulation*. Vol. 14, pp. 349 - 356. (United Kingdom): Informa Healthcare, 1997. ISSN 0265-2048
DOI: 10.3109/02652049709051138
PMID: 9147284
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 0.775
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 59
Citations: 53
- 274** Esquisabel A.; Hernández R.M.; Igartua M.; Gascón A.R.; Calvo B.; Pedraz J.L. Production of BCG alginate-PLL microcapsules by emulsification/internal gelation. *Journal of Microencapsulation*. Vol. 14, pp. 627 - 638. (United Kingdom): Informa Healthcare, 1997. ISSN 0265-2048
DOI: 10.3109/02652049709006815
PMID: 9292438
SCOPUS: 20100882368
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 0.775
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Journal in the top 25%: Yes
Citations: 38
Citations: 37
- 275** Igartua M.; Hernandez R.M.; Esquisabel A.; Gascon A.R.; Calvo B.; Pedraz J.L. Optimización del tamaño de partícula de microesferas de PLGA con albumina bovina. *Información Tecnológica*. Vol. 8, pp. 327 - 332. CIT, 1997. ISSN 0716-8756
Type of production: Scientific paper
Format: Journal

**Position of signature:** 6**Total no. authors:** 6**Source of citations:** SCOPUS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 2

- 276** Maza A.M.; Gascon A.R.; Calvo M.B.; Hernandez R.M.; Monte M.A.; Marin J.J.G.; Dominguez-Gil A.; Pedraz J.L. Influence of partial hepatectomy in rats on the activity of hepatic microsomal enzymatic systems. European Journal of Drug Metabolism and Pharmacokinetics. Vol. 22, pp. 15 - 23. (Switzerland): Springer-Verlag France, 1997. ISSN 0378-7966

DOI: 10.1007/BF03189780**PMID:** 9179556**Type of production:** Scientific paper**Position of signature:** 8**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 0.567**Source of citations:** SCOPUS**Source of citations:** WOS**Journal in the top 25%:** No**Citations:** 5**Citations:** 5

- 277** Esquisabel A.; San Vicente A.; Igartua M.; Hernández R.M.; Gascón A.R.; Calvo M.B.; Pedraz J.L. Influence of melting point and hydrophilic/lipophilic balance on the release of salbutamol sulfate from lipid matrices. S.T.P. Pharma Sciences. Vol. 6, pp. 365 - 369. (France): 10/1996. ISSN 1157-1489

Type of production: Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Source of citations:** SCOPUS**Citations:** 10

- 278** Hernández R.M.; Gascón A.R.; Calvo M.B.; Caramella C.; Conte U.; Domínguez-Gil A.; Pedraz J.L. Correlation of 'in vitro' release and 'in vivo' absorption characteristics of four salbutamol sulphate formulations. International Journal of Pharmaceutics. Vol. 139, pp. 45 - 52. (Holland): Elsevier B.V., 09/08/1996. ISSN 0378-5173

DOI: 10.1016/0378-5173(96)04571-1**Type of production:** Scientific paper**Position of signature:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Source of citations:** SCOPUS**Citations:** 18**Source of citations:** WOS**Citations:** 12

- 279** Amaia Esquisabel Alegría; Manuela Igartua Olaechea; Rosa María Hernández Martín; José Luis Pedraz Muñoz. Liberación de sulfato de salbutamol a partir de cápsulas elaboradas con gelucires. Industria farmacéutica: Equipos, procesos y tecnología. Num. 1, pp. 85 - 87. (Spain): Alción, 1996. ISSN 0213-5574

DIALNET_ART: 3088565**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4



- 280** Begoña Calvo Hernáez; Amaia Esquisabel Alegría; Rosa María Hernández Martín; Alicia Rodríguez Gascón; José Luis Pedraz Muñoz. Electroforesis capilar (I): conceptos fundamentales. Industria farmacéutica: Equipos, procesos y tecnología. Num. 2, pp. 35 - 40. (Spain): Alción, 1996. ISSN 0213-5574

DIALNET_ART: 3091583

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

- 281** Begoña Calvo Hernáez; Alicia Rodríguez Gascón; Rosa María Hernández Martín; María Ángeles Solinís Aspiazu; José Luis Pedraz Muñoz. Electroforesis capilar: (II) modos de separación. Industria farmacéutica: Equipos, procesos y tecnología. Num. 3, pp. 31 - 36. (Spain): Alción, 1996. ISSN 0213-5574

DIALNET_ART: 3098632

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

- 282** Begoña Calvo Hernáez; Alicia Rodríguez Gascón; Rosa María Hernández Martín; José Luis Pedraz Muñoz. Electroforesis capilar: (y III) aplicaciones en el campo farmacéutico. Industria farmacéutica: Equipos, procesos y tecnología. Num. 4, pp. 25 - 33. (Spain): Alción, 1996. ISSN 0213-5574

DIALNET_ART: 3106545

Type of production: Scientific paper

Position of signature: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 4

- 283** Maza A.; Gascón A.R.; Calvo M.B.; Hernández R.M.; Pedraz J.L. Influence of partial hepatectomy on theophylline pharmacokinetics in rats. Journal of Pharmaceutical Sciences. Vol. 85, pp. 1133 - 1135. (United States of America): John Wiley and Sons Inc., 1996. ISSN 0022-3549

DOI: 10.1021/JS9600989

PMID: 8897286

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Source of citations: SCOPUS

Citations: 6

Source of citations: WOS

Citations: 4

- 284** Begoña Calvo; José L. Pedraz; Alicia R. Gascón; Rosa M. Hernández; García-Ortega E.; Vara F.; Clemente Muriel; Alfonso Domínguez-Gil. The Influence of Adrenalin on the Pharmacokinetics of Interpleurally Administered Lidocaine in Patients With Pancreatic Neoplasia. The Journal of Clinical Pharmacology. Vol. 35, pp. 426 - 431. 1995. ISSN 1552-4604, ISSN 0091-2700

DOI: 10.1002/J.1552-4604.1995.TB04084.X

PMID: 7650234

Type of production: Scientific paper

Position of signature: 2

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 8

Source of citations: SCOPUS

Citations: 4

Source of citations: WOS

Citations: 3



- 285** Alicia Rodríguez Gascón; Rosa María Hernández Martín; José Luis Pedraz Muñoz; Marta Prieto Peraita; Alfonso Jesús Ladislao Domínguez-Gil Hurlé. Método para la determinación de teofilina en plasma por HPLC. Industria farmacéutica: Equipos, procesos y tecnología. Num. 1, pp. 57 - 60. (Spain): Alción, 1994. ISSN 0213-5574
DIALNET_ART: 3060754
Type of production: Scientific paper
Position of signature: 3
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
- 286** Rosa María Hernández Martín; Alicia Rodríguez Gascón; Begoña Calvo Hernáez; José Luis Pedraz Muñoz; C. Bonferoni; Maria E. Sangalli; C. Caramella; U. Conte; Alfonso Jesús Ladislao Domínguez-Gil Hurlé. Evaluación biofarmacéutica de comprimidos de sulfato de salbutamol: elaborados con hidroxipropilmetilcelulosa. Industria farmacéutica: Equipos, procesos y tecnología. Num. 2, pp. 39 - 45. (Spain): Alción, 1994. ISSN 0213-5574
DIALNET_ART: 3064384
Type of production: Scientific paper
Position of signature: 4
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9
- 287** Alicia R. Gascón; Begoña Calvo; Rosa María Hernández; Alfonso Domínguez-Gil; José-Luis Pedraz. Interspecies Scaling of Cimetidine-Theophylline Pharmacokinetic Interaction: Interspecies Scaling in Pharmacokinetic Interactions. Pharmaceutical Research: An Official Journal of the American Association of Pharmaceutical Scientists. Vol. 11, pp. 945 - 950. 1994. ISSN 1573-904X, ISSN 0724-8741
DOI: 10.1023/A:1018914816137
PMID: 7937553
Type of production: Scientific paper
Position of signature: 5
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Source of citations: SCOPUS
Citations: 26
Source of citations: WOS
Citations: 25
- 288** Bonferoni M.C.; Rossi S.; Tamayo M.; Pedraz J.L.; Dominguez-Gil A.; Caramella C. On the employment of λ -carrageenan in a matrix system. II. λ -Carrageenan and hydroxypropylmethylcellulose mixtures. Journal of Controlled Release. Vol. 30, pp. 175 - 182. 1994. ISSN 0168-3659
DOI: 10.1016/0168-3659(94)90264-X
Type of production: Scientific paper
Position of signature: 4
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Source of citations: SCOPUS
Citations: 75
Source of citations: WOS
Citations: 56
- 289** Alicia Rodríguez Gascón; Begoña Calvo Hernáez; Rosa María Hernández Martín; Alfonso Jesús Ladislao Domínguez-Gil Hurlé; José Luis Pedraz Muñoz. Métodos de estudio del metabolismo de medicamentos. Industria farmacéutica: Equipos, procesos y tecnología. Num. 2, pp. 39 - 50. (Spain): Alción, 1993. ISSN 0213-5574
DIALNET_ART: 3059142
Type of production: Scientific paper
Position of signature: 5
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee



Total no. authors: 5

- 290** Bonferoni M.C.; Rossi S.; Tamayo M.; Pedraz J.L.; Dominguez-Gil A.; Caramella C. On the employment of λ -carrageenan in a matrix system. I. Sensitivity to dissolution medium and comparison with Na carboxymethylcellulose and xanthan gum. *Journal of Controlled Release*. Vol. 26, pp. 119 - 127. 1993. ISSN 0168-3659

DOI: 10.1016/0168-3659(93)90111-H

Type of production: Scientific paper

Position of signature: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Source of citations: SCOPUS

Citations: 87

Source of citations: WOS

Citations: 61

- 291** Fernando Magdaleno Quintanal; Eduardo Ginestal Gómez; P. García Vallejo; Jordi Samsó; José Luis Pedraz Muñoz. Consideraciones diagnósticas y terapéuticas del bloqueo articular agudo. *Archivos de odontoestomatología*. Vol. 9, pp. 64 - 72. (Spain): Ergon, 1993. ISSN 0213-4144

DIALNET_ART: 5585926

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

- 292** Jose Luis Pedraz; Begona Calvo; Jacquelyn A. Smithers; Gary A. Thompson. Pharmacokinetic-pharmacodynamic modeling: Time-dependent protein binding—an alternative interpretation of clockwise and counterclockwise hysteresis. *Journal of Pharmaceutical Sciences*. Vol. 81, pp. 232 - 236. 1992. ISSN 1520-6017, ISSN 0022-3549

DOI: 10.1002/JPS.2600810309

PMID: 1640359

Type of production: Scientific paper

Position of signature: 1

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 4

Source of citations: SCOPUS

Citations: 12

Source of citations: WOS

Citations: 12

- 293** Bonferoni M.C.; Caramella C.; Sangalli M.E.; Conte U.; Hernandez R.M.; Pedraz J.L. Rheological behaviour of hydrophilic polymers and drug release from erodible matrices. *Journal of Controlled Release*. Vol. 18, pp. 205 - 212. 1992. ISSN 0168-3659

DOI: 10.1016/0168-3659(92)90166-O

Type of production: Scientific paper

Position of signature: 6

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6

Source of citations: SCOPUS

Citations: 64

Source of citations: WOS

Citations: 48

- 294** Calvo M.B.; Pedraz J.L.; Vicente M.T.; Domínguez-Gil A. Pharmacokinetics of cefazoline and dibenzylamine administered in a sustained drug delivery system to healthy volunteers. *International Journal of Pharmaceutics*. Vol. 67, pp. 259 - 264. 31/01/1991. ISSN 0378-5173

DOI: 10.1016/0378-5173(91)90208-6

**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 4**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 0**Citations:** 0

- 295** Pedraz J.L.; Hernandez R.M.; Begona Calvo M.; Gascon A.R.; Dominguez Gil A. Influence of excipient in the release of ketamine from suppositories. *Bollettino Chimico Farmaceutico*. Vol. 130, pp. 52 - 54. (Italy): 1991. ISSN 0006-6648

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 5**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 0

- 296** Sanchez-Torres J.M.; Pedraz J.L.; Gascon A.R.; Begona Calvo M.; Hernandez R.M.; Dominguez-Gil A. Biotransformation kinetic of binifibrate and identification of its metabolites. *Bollettino Chimico Farmaceutico*. Vol. 130, pp. 172 - 177. (Italy): 1991. ISSN 0006-6648

PMID: 1760151**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 6**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 2

- 297** Pedraz J.L.; Calvo M.B.; Gascon A.R.; Hernandez R.; Muriel C.; Torres L.M.; Dominguez-gil A. Pharmacokinetics and distribution of ketamine after extradural administration to dogs. *British Journal of Anaesthesia*. Vol. 67, pp. 310 - 316. Oxford University Press, 1991. Available on-line at: <<https://doi.org/10.1093/bja/67.3.310>>. ISSN 0007-0912

DOI: 10.1093/BJA/67.3.310**PMID:** 1911019**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 7**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 50**Citations:** 0

- 298** Calvo Hernández Begoña; Pedraz Muñoz José Luis; Domínguez-Gil Hurlé Alfonso. Pharmacokinetics of dibenzylamine administered as a drug delivery system with cefazoline. *Biopharmaceutics and Drug Disposition*. Vol. 11, pp. 259 - 264. 1991.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

- 299** Pedraz Muñoz José Luis; Hernández Martín Rosa María; Calvo Hernández Begoña; Domínguez-Gil Hurlé Alfonso. Influence of excipient in the release of ketamine from suppositories. *Bollettino Chimico Farmaceutico*. Vol. 130, pp. 52 - 54. 1991.

Type of production: Scientific paper**Format:** Journal

**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4

- 300** Sánchez Torres José Miguel; Pedraz Muñoz José Luis; Rodríguez Gascón Alicia; Calvo Hernández Begoña; Hernández Martín Rosa María; Domínguez-Gil Hurlé Alfonso. Biotransformation kinetics of binifibrate and identification of its metabolites. Bolletino Chimico Farmaceutico. Vol. 130, pp. 172 - 177. 1991.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6

- 301** Pedraz J.L.; Calvo M.B.; Lanao J.M.; Muriel C.; J. Santos Lamas; Dominguez-gil A. Pharmacokinetics of rectal ketamine in children. British Journal of Anaesthesia. Vol. 63, pp. 671 - 674. Oxford University Press, 1989. Available on-line at: <<https://doi.org/10.1093/bja/63.6.671>>. ISSN 0007-0912

DOI: 10.1093/BJA/63.6.671**PMID:** 2611068**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Source of citations:** SCOPUS**Citations:** 25**Source of citations:** WOS**Citations:** 0

- 302** Calvo M.B.; Pedraz J.L.; Domínguez-Gil A. Determination of low concentrations of dibenzylamine in human plasma and urine by gas chromatography with a nitrogen-phosphorus detector. Journal of Chromatography B: Biomedical Sciences and Applications. Vol. 490, pp. 206 - 212. 1989. ISSN 0378-4347

DOI: 10.1016/S0378-4347(00)82776-0**PMID:** 2760151**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Source of citations:** SCOPUS**Citations:** 6**Source of citations:** WOS**Citations:** 6

- 303** Pedraz J.L.; Calvo B.; Bortolotti A.; Celardo A.; Bonati M. Bioavailability of intramuscular vitamin E acetate in rabbits. Journal of Pharmacy and Pharmacology. Vol. 41, pp. 415 - 417. 1989. ISSN 2042-7158, ISSN 0022-3573

DOI: 10.1111/J.2042-7158.1989.TB06490.X**PMID:** 2570840**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Source of citations:** SCOPUS**Citations:** 11**Source of citations:** WOS**Citations:** 10

- 304** Calvo Hernández Begoña; Pedraz Muñoz José Luis; Domínguez-Gil Hurlé Alfonso. Determination of low concentrations of dibenzylamine in human plasma and urine by gas chromatography with a nitrogen phosphorus detector. Journal of Chromatography. Biomedical Applications. Vol. 490, pp. 206 - 212. 1989.

**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

- 305** Pedraz J.L.; Calvo M.B.; Lanao J.M.; Dominguez-Gil A. Choice of optimum pharmacokinetic model of orally administered paracetamol. *Biopharmaceutics & Drug Disposition*. Vol. 9, pp. 389 - 396. 1988. ISSN 1099-081X, ISSN 0142-2782

DOI: 10.1002/BOD.2510090407**PMID:** 3207858**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 4**Source of citations:** SCOPUS**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 3**Citations:** 3

- 306** Pedraz J.L.; Alonso E.; Calvo M.B.; Lanao J.M.; Dominguez-Gil A. Bioequivalence study of two oral formulations of paracetamol. *International Journal of Clinical Pharmacology Therapy and Toxicology*. Vol. 26, pp. 232 - 236. (Germany): 1988. ISSN 0174-4879

PMID: 3410598**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 5**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 3

- 307** Pedraz J.L.; Lanao J.M.; Dominguez-Gil A. Allometric study of ketamine pharmacokinetics. *Revista de Farmacología Clínica y Experimental*. Vol. 5, pp. 331 - 336. (Spain): 1988. ISSN 0213-0157

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 3**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 0

- 308** Pedraz Muñoz José Luis; Calvo Hernández Begoña; Martínez Lanao José; Domínguez-Gil Hurlé Alfonso. Choice of optimum pharmacokinetic model of orally administered paracetamol. *Biopharmaceutics and Drug Disposition*. Vol. 9, pp. 389 - 396. 1988.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

- 309** Pedraz J.L.; Lanao J.M.; Calvo M.B.; Muriel C.; Hernández-Arbeiza J.; Domínguez-Gil A. Pharmacokinetic and clinical evaluation of ketamine administered by i.v. and epidural routes. *International Journal of Clinical Pharmacology Therapy and Toxicology*. Vol. 25, pp. 77 - 80. (Germany): 1987. ISSN 0174-4879

PMID: 3557733**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Source of citations:** SCOPUS**Citations:** 26

- 310** Pedraz Muñoz José Luis; Martínez Lanao José; Begoña Calvo Hernáez; Clemente Muriel Villoria; Hernández Arbeiza Francisco Javier; Alfonso Domínguez-Gil Hurlé. Pharmacokinetics and Clinical evaluation of ketamine administered by the IV and epidural routes. International Journal of Clinical Pharmacology, Therapy and Toxicology. Vol. 25, pp. 77 - 80. 1987.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6

- 311** Pedraz J.L.; Calvo M.B.; Lanao J.M.; Dominguez-Gil A. Urinary and biliary excretion kinetics of ketamine and its metabolites in the rabbit. Bollettino Chimico Farmaceutico. Vol. 125, pp. 357 - 361. (Italy): 10/1986. ISSN 0006-6648

PMID: 3828102**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 0

- 312** Pedraz J.L.; Lanao J.M.; Hdez J.M.; Domínguez-Gil A. The biotransformation kinetics of Ketamine "in vitro" in rabbit liver and lung microsome fractions. European Journal of Drug Metabolism and Pharmacokinetics. Vol. 11, pp. 9 - 16. 02/1986. ISSN 0378-7966, ISSN 2107-0180

DOI: 10.1007/BF03189769**PMID:** 3720798**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 4**Source of citations:** WOS**Citations:** 3

- 313** Calvo M.B.; Garcia M.J.; Pedraz J.L.; Dominguez-Gil A. Bioavailability of amoxapine in experimental animals. Bollettino Chimico Farmaceutico. Vol. 125, pp. 307 - 311. (Italy): 1986. ISSN 0006-6648

PMID: 3814365**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 2

- 314** Pedraz J.L.; Calvo M.B.; Dominguez-Gil A. DERIVATIZACION DE MEDICAMENTOS PARA ANALISIS POR CROMATOGRAFIA DE GASES. II. Ciencia e Industria Farmaceutica. Vol. 5, pp. 164 - 170. (Spain): 1986.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Source of citations:** SCOPUS**Citations:** 0



- 315** Calvo M.B.; Pedraz J.L.; Dominguez-Gil A. DERIVATIZACION DE MEDICAMENTOS PARA ANALISIS POR CROMATOGRAFIA DE GASES. I. Ciencia e Industria Farmaceutica. Vol. 5, pp. 131 - 135. (Spain): 1986.
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 3
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 0
- 316** Calvo Hernández Begoña; García Sánchez María José; Pedraz Muñoz José Luis; Domínguez-Gil Hurlé Alfonso. Bioavailability of amoxapine in experimental animals. Bolletino Chimico Farmaceutico. Vol. 135, pp. 307 - 311. 1986.
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 317** Pedraz Muñoz José Luis; Calvo Hernández María Begoña; Martínez Lanao José; Domínguez-Gil Hurlé Alfonso. Urinary and Biliary excretion kinetics of ketamine and its metabolites in the rabbit. Bolletino Chimico Farmaceutico. Vol. 125, pp. 357 - 361. 1986.
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 4
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 318** Dominguez-Gil A.; Lanao J.M.; Pedraz J.L. Clinical significance of serum levels of antibiotics. International Journal of Clinical Pharmacology Therapy and Toxicology. Vol. 23 Suppl 1, (Germany): 05/1985. ISSN 0174-4879
PMID: 3842692
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 3
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 0
- 319** Pedraz J.L.; Lanao J.M.; Dominguez-Gil A. Kinetics of ketamine and its metabolites in rabbits with normal and impaired renal function. European Journal of Drug Metabolism and Pharmacokinetics. Vol. 10, pp. 33 - 39. 02/1985. ISSN 0378-7966, ISSN 2107-0180
DOI: 10.1007/BF03189695
PMID: 4029219
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 3
Source of citations: SCOPUS
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Citations: 19
Citations: 12
- 320** Pedraz J.L.; Mariño E.L.; Burguillo F.J.; Dominguez-Gil A. In vitro binding of ketamine to human serum albumin. International Journal of Pharmaceutics. Vol. 25, pp. 147 - 153. 1985. ISSN 0378-5173
DOI: 10.1016/0378-5173(85)90088-2
Type of production: Scientific paper
Position of signature: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 3**Source of citations:** WOS**Citations:** 2

- 321** Calvo B.; Garcia M.J.; Pedraz J.L.; Mariño E.L.; Domínguez-Gil A. Pharmacokinetics of amoxapine and its active metabolites. International Journal of Clinical Pharmacology Therapy and Toxicology. Vol. 23, pp. 180 - 185. (Germany): 1985. ISSN 0174-4879

PMID: 3997304**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Source of citations:** SCOPUS**Citations:** 16

- 322** Calvo M.B.; Garcia M.J.; Pedraz J.L. RELACION DE LOS NIVELES SERICOS DE AMOXAPINA Y SUS METABOLITOS ACTIVOS CON LA RESPUESTA FARMACOLOGICA Y LA TOXICIDAD. Medicina Clinica. Vol. 85, pp. 269 - 272. (Spain): 1985. ISSN 0025-7753

PMID: 4058082**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Source of citations:** SCOPUS**Citations:** 0

- 323** Calvo Hernández Begoña; García Sánchez María José; Pedraz Muñoz José Luis; Mariño Hernández Eduardo L.; Domínguez-Gil Hurlé Alfonso. Pharmacokinetics of amoxapine and its active metabolites. International Journal of Clinical Pharmacology, Therapy and Tox. Vol. 23, pp. 180 - 185. 1985.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

- 324** Lanao J.M.; Pedraz J.L.; Navarro A.S.; Dominguez-Gil A. Influence of dose in the urinary excretion of amikacin. International Journal of Clinical Pharmacology Therapy and Toxicology. Vol. 22, pp. 538 - 542. (Germany): 1984. ISSN 0174-4879

PMID: 6511129**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 3

- 325** Pedraz J.L.; Marino E.L.; Dominguez Gil A. Quantitative determination of ketamine and its metabolites in man by gas-liquid chromatography. Farmaco, Edizione Pratica. Vol. 38, pp. 209 - 218. (Italy): 1983.

PMID: 6873269**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Source of citations:** SCOPUS**Citations:** 6



- 326** Nekane Martin-Mendia; Virginia Sáez-Martínez; Raúl Pérez-González; Oihane Gartzandia; Jose Luis Pedraz. Hybrid polymeric systems for potential applications in ocular drug delivery. Hybrid Polymeric Systems for Biomedical Applications. pp. 265 - 313. (United Kingdom): Elsevier, 01/01/2024. ISBN 9780443155659
DOI: 10.1016/B978-0-443-15564-2.00008-1
SCOPUS: 20250783547
Type of production: Book chapter
Position of signature: 5
Total no. authors: 5
Source of citations: SCOPUS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 0
- 327** Sandra Ruiz-Alonso; Fátima García-Villén; Ilia Villate-Beitia; Fouad Alhakim-Khalak; Jorge Ordoyo-Pascual; Lucía Enriquez-Rodríguez; Jon Zarate Sesma; Gustavo Puras Ochoa; Laura Saenz Del Burgo Martínez; Jose Luis Pedraz Muñoz. 3D Bioprinting for Musculoskeletal Applications. 3D Printing and Bioprinting for Pharmaceutical and Medical Applications. pp. 147 - 168. (United States of America): CRC Press, 01/01/2023. ISBN 9781032228662
DOI: 10.1201/9781003274568-7
SCOPUS: 20241340124
Type of production: Book chapter
Position of signature: 10
Total no. authors: 10
Source of citations: SCOPUS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 0
- 328** Idoia Gallego; Markel Lafuente-Merchan; Myriam Sainz-Ramos; Iván Maldonado; Jon Zarate Sesma; Laura Saenz Del Burgo Martínez; Gustavo Puras Ochoa; Jose Luis Pedraz Muñoz; Hodei Gómez-Fernández. 3D Bioprinting for Ocular Applications. 3D Printing and Bioprinting for Pharmaceutical and Medical Applications. pp. 221 - 245. (United States of America): CRC Press, 01/01/2023. ISBN 9781032228662
DOI: 10.1201/9781003274568-10
SCOPUS: 20241340127
Type of production: Book chapter
Position of signature: 8
Total no. authors: 9
Source of citations: SCOPUS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 0
- 329** Edorta Santos-Vizcaino; Gorka Orive; Jose Luis Pedraz; Rosa Maria Hernandez. Clinical Applications of Cell Encapsulation Technology. Methods in Molecular Biology. pp. 473 - 491. (United States of America): Humana Press Inc., 2020. ISSN 1940-6029, ISSN 1064-3745
DOI: 10.1007/978-1-0716-0215-7_32
PMID: 31939144
SCOPUS: 20200270121
Type of production: Book chapter
Position of signature: 3
Total no. authors: 4
Impact source: SCOPUS
Impact index in year of publication: 0.711
Source of citations: SCOPUS
Source of citations: WOS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Journal in the top 25%: No
Citations: 10
Citations: 9



- 330** Albert Espona-Noguera; Jesús Ciriza; Alberto Cañibano-Hernández; Laura Saenz del Burgo; Jose Luis Pedraz. Immobilization of INS1E Insulin-Producing Cells Within Injectable Alginate Hydrogels. *Methods in Molecular Biology*. pp. 395 - 405. (United States of America): Humana Press Inc., 2020. ISSN 1940-6029, ISSN 1064-3745
DOI: 10.1007/978-1-0716-0215-7_26
PMID: 31939138
SCOPUS: 20200270114
Type of production: Book chapter
Position of signature: 5
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 0.711
Source of citations: SCOPUS
Source of citations: WOS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Journal in the top 25%: No
Citations: 3
Citations: 2
- 331** Albert Espona Noguera; Jesus Ciriza Astrain; Alberto Cañibano Hernández; Laura Saenz del Burgo Martínez; José Luis Pedraz Muñoz. Immobilization of INS1E Insulin-Producing Cells Within Injectable Alginate Hydrogels. *Immobilization of Enzymes and Cells: Methods and protocols*. pp. 395 - 405. (United States of America): Humana Press, 2020. ISBN 9781071602171
DIALNET_ART: 8306931
Type of production: Book chapter
Position of signature: 5
Total no. authors: 5
Format: Book
Degree of contribution: Author or co-author of chapter in book
- 332** Edorta Santos Vizcaíno; Gorka Orive Arroyo; José Luis Pedraz Muñoz; Rosa María Hernández Martín. *Clinical Applications of Cell Encapsulation Technology. Immobilization of Enzymes and Cells: Methods and protocols*. pp. 473 - 491. (United States of America): Humana Press, 2020. ISBN 9781071602171
DIALNET_ART: 8306937
Type of production: Book chapter
Position of signature: 3
Total no. authors: 4
Format: Book
Degree of contribution: Author or co-author of chapter in book
- 333** Ainhoa Gonzalez-Pujana; Gorka Orive; Jose Luis Pedraz; Edorta Santos-Vizcaino; Rosa Maria Hernandez. Alginate microcapsules for drug delivery. *Springer Series in Biomaterials Science and Engineering*. pp. 67 - 100. (Germany): Springer Science and Business Media, LLC, 2018. ISSN 2195-0652, ISSN 2195-0644
DOI: 10.1007/978-981-10-6910-9_3
SCOPUS: 20203931877
Type of production: Book chapter
Position of signature: 3
Total no. authors: 5
Source of citations: SCOPUS
Source of citations: WOS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 30
Citations: 21

- 334** Sara Hernando; Enara Herran; Jose Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. Nanotechnology based approaches for neurodegenerative disorders: Diagnosis and treatment. Drug and Gene Delivery to the Central Nervous System for Neuroprotection: Nanotechnological Advances. pp. 57 - 87. (United States of America): Springer International Publishing, 05/06/2017. ISBN 9783319576954
DOI: 10.1007/978-3-319-57696-1_3
Type of production: Book chapter
Position of signature: 3
Total no. authors: 5
Source of citations: SCOPUS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 5
- 335** L. Saenz del Burgo; Ciriza J.; Hernández R.M.; Orive G.; Pedraz J.L. Microencapsulated cells for cancer therapy. Methods in Molecular Biology. pp. 261 - 272. (United States of America): Humana Press Inc., 2017. ISSN 1064-3745
DOI: 10.1007/978-1-4939-6364-5_21
PMID: 27738943
Type of production: Book chapter
Position of signature: 5
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 0.616
Source of citations: SCOPUS
Source of citations: WOS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Journal in the top 25%: No
Citations: 2
Citations: 2
- 336** Ciriza J.; L. Saenz del Burgo; Hernández R.M.; Orive G.; Pedraz J.L. Use of flow focusing technique for microencapsulation of myoblasts. Methods in Molecular Biology. pp. 207 - 216. (United States of America): Humana Press Inc., 2017. ISSN 1064-3745
DOI: 10.1007/978-1-4939-6364-5_16
PMID: 27738938
Type of production: Book chapter
Position of signature: 5
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 0.616
Source of citations: SCOPUS
Source of citations: WOS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Journal in the top 25%: No
Citations: 2
Citations: 1
- 337** Egusquiaguirre S.P.; Pedraz J.L.; Hernández R.M.; Igartua M. Nanotherapeutic Platforms for Cancer Treatment: From Preclinical Development to Clinical Application. Nanoarchitectonics for Smart Delivery and Drug Targeting. pp. 813 - 869. (United States of America): Elsevier Inc., 27/07/2016. ISBN 9780323473477
DOI: 10.1016/B978-0-323-47347-7.00029-X
Type of production: Book chapter
Position of signature: 2
Total no. authors: 4
Source of citations: SCOPUS
Format: Book
Degree of contribution: Author or co-author of chapter in book
Citations: 11

**Source of citations:** WOS**Citations:** 5

- 338** Oihane Gartzandia; Enara Herran; Jose Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. Nanotechnology-based drug-delivery systems releasing growth factors to the CNS: Focusing on neurodegenerative disorders. *Nanobiomaterials in Drug Delivery: Applications of Nanobiomaterials*. pp. 371 - 402. (United States of America): Elsevier Inc., 16/05/2016. ISBN 9780323428668

DOI: 10.1016/B978-0-323-42866-8.00011-3**Type of production:** Book chapter**Position of signature:** 3**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 5**Source of citations:** SCOPUS**Citations:** 7**Source of citations:** WOS**Citations:** 3

- 339** Itxaso Garcia-Orue; Garazi Gainza; Silvia Villullas; Jose Luis Pedraz; Rosa Maria Hernandez; Manoli Igartua. Nanotechnology approaches for skin wound regeneration using drug-delivery systems. *Nanobiomaterials in Soft Tissue Engineering: Applications of Nanobiomaterials*. pp. 31 - 55. (United States of America): Elsevier Inc., 18/03/2016. ISBN 9780323428651

DOI: 10.1016/B978-0-323-42865-1.00002-7**Type of production:** Book chapter**Position of signature:** 4**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 6**Source of citations:** SCOPUS**Citations:** 19

- 340** María Moreno-Sastre; Marta Pastor; Amaia Esquisabel; José Luis Pedraz. The use of nanoparticles for antimicrobial delivery. *New Weapons to Control Bacterial Growth*. pp. 453 - 487. (United Kingdom): Springer International Publishing, 01/01/2016. ISBN 9783319283661

DOI: 10.1007/978-3-319-28368-5_17**Type of production:** Book chapter**Position of signature:** 4**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 4**Source of citations:** SCOPUS**Citations:** 3

- 341** Edilberto Ojeda; Mireia Agirre; Ilija Villate-Beitia; Mohamed Mashal; Gustavo Puras; Jon Zarate; Jose L. Pedraz. Elaboration and physicochemical characterization of niosome-based nioplexes for gene delivery purposes. *Methods in Molecular Biology*. pp. 63 - 75. (United States of America): Humana Press Inc., 2016. ISSN 1064-3745

DOI: 10.1007/978-1-4939-3718-9_5**PMID:** 27436313**Type of production:** Book chapter**Position of signature:** 7**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 7**Impact source:** SCOPUS**Impact index in year of publication:** 0.585**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 22**Source of citations:** WOS**Citations:** 19



- 342** Edorta Santos; Gorka Orive; Rosa M. Hernandez; Jose Luis Pedraz. Cell-Biomaterial Interaction: Strategies To Mimic The Extracellular Matrix. ON BIOMIMETICS. pp. 529 - 558. INTECH EUROPE, 01/01/2011. ISBN 978-953-307-271-5
WOS: WOS:000378207100026
Type of production: Book chapter
Position of signature: 4
Format: Book
Degree of contribution: Author or co-author of chapter in book
Total no. authors: 4
Source of citations: WOS
Citations: 15
- 343** Sara Ponce Marquez; Gorka Orive Arroyo; Rosa Hernández Ribas; Alicia Rodríguez; Manuela Igartua Olaechea; José Luis Pedraz Muñoz. Efecto del Policación en la viabilidad celular y la estabilidad mecánica de microcápsulas de alginato. VI Congreso de la Sociedad Española de Farmacia Industrial y Galénica. 3ª Jornadas de Tecnología Farmacéutica. Granada, 9-11 de febrero de 2003.: Libro de Comunicaciones. pp. 99 - 102. (Spain): Comares, 2003. ISBN 84-699-9328-3
DIALNET_ART: 9758631
Type of production: Book chapter
Position of signature: 6
Format: Book
Degree of contribution: Author or co-author of chapter in book
Total no. authors: 6
- 344** María Ángeles Solinís; Yaimy de la Cruz; Alicia Rodríguez Gascón; Rosa María Hernández; Begoña Calvo Hernández; José Luis Pedraz Muñoz. Release of salbutamol enantiomers from HPMC matrices elaborated by wet granulation. VI Congreso de la Sociedad Española de Farmacia Industrial y Galénica. 3ª Jornadas de Tecnología Farmacéutica. Granada, 9-11 de febrero de 2003.: Libro de Comunicaciones. pp. 447 - 450. (Spain): Comares, 2003. ISBN 84-699-9328-3
DIALNET_ART: 9758660
Type of production: Book chapter
Position of signature: 6
Format: Book
Degree of contribution: Author or co-author of chapter in book
Total no. authors: 6
- 345** Lourdes Ochoa; Manuela Igartua Olaechea; Rosa María Hernández; Alicia Rodríguez Gascón; José Luis Pedraz Muñoz. Desarrollo de comprimidos de liberación sostenida de teofilina obtenidos mediante granulación por fusión. VI Congreso de la Sociedad Española de Farmacia Industrial y Galénica. 3ª Jornadas de Tecnología Farmacéutica. Granada, 9-11 de febrero de 2003.: Libro de Comunicaciones. pp. 333 - 336. (Spain): Comares, 2003. ISBN 84-699-9328-3
DIALNET_ART: 9758693
Type of production: Book chapter
Position of signature: 5
Format: Book
Degree of contribution: Author or co-author of chapter in book
Total no. authors: 5
- 346** Eddy Castellanos; Antonio Iraizoz García; Alberto Núñez; Manoli Iguarta; Alicia Rodríguez Gascón; Rosa M. Hernández; José Luis Pedraz Muñoz. Estudio comparativo de formulaciones de liberación controlada de propranolol. Edytón y sumial retard. VI Congreso de la Sociedad Española de Farmacia Industrial y Galénica. 3ª Jornadas de Tecnología Farmacéutica. Granada, 9-11 de febrero de 2003.: Libro de Comunicaciones. pp. 369 - 372. (Spain): Comares, 2003. ISBN 84-699-9328-3
DIALNET_ART: 9758683
Type of production: Book chapter
Position of signature: 7
Format: Book
Degree of contribution: Author or co-author of chapter in book
Total no. authors: 7



- 347** Pedraz Muñoz José Luis; Calvo Hernáez Begoña; Hernández Martín Rosa María. Industria Farmacéutica: cumplimiento de normas de correcta fabricación : Cuestionario práctico. Industria farmacéutica del País Vasco. Bilbao : Servicio Editorial Universidad del País Vasco, 1993, 1993.
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 3
- 348** Pedraz Muñoz José Luis; Calvo Hernáez Begoña; Lanao J. M.; Domínguez Gil Alfonso. Estudio de bioequivalencia de dos formulaciones orales de paracetamol. Farmacia Hospitalaria XXXII. Tomo I. pp. 117 - 123. Madrid : Asociación Española de Farmacéuticos de Hospitales, 1987, 1987.
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 4
- 349** Pedraz Muñoz José Luis; Hernández Martín Rosa María; Rodríguez Gascón Alicia; Esquisabel Alegría Amaia; Igartua Olaechea Manuela; Calvo Hernáez Begoña. Proceedings del VIII Congreso de la Sociedad Española de Farmacia Industrial y Galénica. Leioa : Universidad del País Vasco. Servicio Editorial = Euskal Herriko Unibertsitatea. Argitaipen Zerbitzua, 2007, 2007. ISBN 9788483739129
Type of production: Scientific book or monograph **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of entire book
Total no. authors: 6
- 350** Lanwen Gao; Fansu Meng; Zhenjiang Yang; Markel Lafuente-Merchan; Laura Merino Fernández; Ye Cao; Kosuke Kusamori; Makiya Nishikawa; Shoko Itakura; Junqian Chen; Xiaoxun Huang; Dongfang Ouyang; Oliver Riester; Hans-Peter Deigner; Haibiao Lai; Jose Luis Pedraz; Murugan Ramalingam; Yu Cai. Nano-drug delivery system for the treatment of multidrug-resistant breast cancer: Current status and future perspectives. Biomedicine and Pharmacotherapy. (France): Elsevier Masson s.r.l., 01/10/2024. Available on-line at: <<https://doi.org/10.1016/j.biopha.2024.117327>>. ISSN 1950-6007, ISSN 0753-3322
DOI: 10.1016/J.BIOPHA.2024.117327
SCOPUS: 20243462465
Type of production: Bibliographic review **Degree of contribution:** Author or co-author of review
Position of signature: 16
Total no. authors: 18
Source of citations: SCOPUS **Citations:** 4
Source of citations: WOS **Citations:** 4
- 351** Hodei Gómez-Fernández; Fouad Alhakim-Khalak; Sandra Ruiz-Alonso; Aitor Díaz; Julen Tamayo; Murugam Ramalingam; Eva Larra; José L. Pedraz. Comprehensive review of the state-of-the-art in corneal 3D bioprinting, including regulatory aspects. International Journal of Pharmaceutics. (Holland): Elsevier B.V., 05/09/2024. Available on-line at: <<https://doi.org/10.1016/j.ijpharm.2024.124510>>. ISSN 1873-3476, ISSN 0378-5173
DOI: 10.1016/J.IJPHARM.2024.124510
PMID: 39053675
SCOPUS: 20243070989
Type of production: Bibliographic review **Degree of contribution:** Author or co-author of review
Position of signature: 8
Total no. authors: 8
Source of citations: SCOPUS **Citations:** 5
Source of citations: WOS **Citations:** 4



- 352** Nicola Paccione; Víctor Guarnizo-Herrero; Murugan Ramalingam; Eider Larrarte; José Luis Pedraz. Application of 3D printing on the design and development of pharmaceutical oral dosage forms. Journal of Controlled Release. (Holland): Elsevier B.V., 01/09/2024. Available on-line at: <<https://doi.org/10.1016/j.jconrel.2024.07.035>>. ISSN 1873-4995, ISSN 0168-3659
DOI: 10.1016/J.JCONREL.2024.07.035
PMID: 39029877
SCOPUS: 20242950038
Type of production: Bibliographic review
Position of signature: 5 **Degree of contribution:** Author or co-author of review
Total no. authors: 5 **Citations:** 1
Source of citations: SCOPUS **Citations:** 1
Source of citations: WOS **Citations:** 1
- 353** Lucia Enriquez-Rodriguez; Noha Attia; Idoia Gallego; Mohamed Mashal; Iván Maldonado; Gustavo Puras; José Luis Pedraz. Expanding the horizon of transient CAR T therapeutics using virus-free technology. Biotechnology Advances. (United States of America): Elsevier Inc., 01/05/2024. ISSN 0734-9750
DOI: 10.1016/J.BIOTECHADV.2024.108350
SCOPUS: 20241350945
Type of production: Bibliographic review
Position of signature: 7 **Degree of contribution:** Author or co-author of review
Total no. authors: 7 **Citations:** 0
Source of citations: SCOPUS **Citations:** 0
Source of citations: WOS **Citations:** 0
- 354** Sara Yazdani; Mehrdad Mozaffarian; Gholamreza Pazuki; Naghmeh Hadidi; Ilia Villate-Beitia; Jon Zárate; Gustavo Puras; Jose Luis Pedraz. Carbon-Based Nanostructures as Emerging Materials for Gene Delivery Applications. Pharmaceutics. (Switzerland): Multidisciplinary Digital Publishing Institute (MDPI), 01/02/2024. Available on-line at: <<https://doi.org/10.3390/pharmaceutics16020288>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS16020288
SCOPUS: 20240810162
Type of production: Bibliographic review
Position of signature: 8 **Degree of contribution:** Author or co-author of review
Total no. authors: 8 **Citations:** 16
Source of citations: SCOPUS **Citations:** 14
Source of citations: WOS **Citations:** 14
- 355** Tania B. López-Méndez; Miguel Sánchez-Álvarez; Flavia Trionfetti; José L. Pedraz; Marco Tripodi; Marco Cordani; Raffaele Strippoli; Juan González-Valdivieso. Nanomedicine for autophagy modulation in cancer therapy: a clinical perspective. Cell and Bioscience. (United Kingdom): BioMed Central Ltd, 01/12/2023. Available on-line at: <<https://doi.org/10.1186/s13578-023-00986-9>>. ISSN 2045-3701
DOI: 10.1186/S13578-023-00986-9
SCOPUS: 20230953038
Type of production: Bibliographic review
Position of signature: 4 **Degree of contribution:** Author or co-author of review
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 6.1 **Journal in the top 25%:** Yes

**Impact source:** SCOPUS**Impact index in year of publication:** 1.836**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 23**Source of citations:** WOS**Citations:** 0

- 356** Murugan Ramalingam; Abinaya Jaisankar; Lijia Cheng; Sasirekha Krishnan; Liang Lan; Anwarul Hassan; Hilal Turkoglu Sasmazel; Hirokazu Kaji; Hans-Peter Deigner; Jose Luis Pedraz; Hae-Won Kim; Zheng Shi; Giovanna Marrazza. Impact of nanotechnology on conventional and artificial intelligence-based biosensing strategies for the detection of viruses. Discover Nano. (United States of America): Springer, 01/12/2023. Available on-line at: <<https://doi.org/10.1186/s11671-023-03842-4>>. ISSN 2731-9229

DOI: 10.1186/S11671-023-03842-4**SCOPUS:** 20231931326**Type of production:** Bibliographic review**Position of signature:** 10**Degree of contribution:** Author or co-author of review**Total no. authors:** 13**Source of citations:** SCOPUS**Citations:** 21**Source of citations:** WOS**Citations:** 16

- 357** Mikele Amondarain; Idoia Gallego; Gustavo Puras; Laura Saenz-del-Burgo; Carlos Luzzani; José Luis Pedraz. The role of microfluidics and 3D-bioprinting in the future of exosome therapy. Trends in Biotechnology. (United Kingdom): Elsevier Ltd, 01/11/2023. ISSN 1879-3096, ISSN 0167-7799

DOI: 10.1016/J.TIBTECH.2023.05.006**PMID:** 37302911**SCOPUS:** 20232201569**Type of production:** Bibliographic review**Position of signature:** 6**Degree of contribution:** Author or co-author of review**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 14.3**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.536**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 15**Source of citations:** WOS**Citations:** 14

- 358** Yating Ling; Murugan Ramalingam; Xiaorui Lv; Yu Zeng; Yun Qiu; Yu Si; Jose Luis Pedraz; Hae-Won Kim; Jiabo Hu. Recent advances in nanomedicine development for traumatic brain injury. Tissue and Cell. (United Kingdom): Elsevier Ltd, 01/06/2023. ISSN 1532-3072, ISSN 0040-8166

DOI: 10.1016/J.TICE.2023.102087**SCOPUS:** 20231351982**Type of production:** Bibliographic review**Position of signature:** 7**Degree of contribution:** Author or co-author of review**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 2.7**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.588**Journal in the top 25%:** No



Source of citations: SCOPUS

Citations: 0

Source of citations: WOS

Citations: 0

- 359** Wei Ni; Murugan Ramalingam; Yumeng Li; Jeong-Hui Park; Khandmaa Dashnyam; Jung-Hwan Lee; Nora Bloise; Lorenzo Fassina; Livia Visai; Maria Gabriella Cusella De Angelis; Jose Luis Pedraz; Hae-Won Kim; Jiabo Hu. Immunomodulatory and Anti-inflammatory effect of Neural Stem/Progenitor Cells in the Central Nervous System. Stem Cell Reviews and Reports. (United States of America): Springer, 01/05/2023. ISSN 2629-3277, ISSN 2629-3269

DOI: 10.1007/S12015-022-10501-1

PMID: 36650367

SCOPUS: 20230237805

Type of production: Bibliographic review

Position of signature: 11

Total no. authors: 13

Impact source: ISI

Impact index in year of publication: 4.5

Degree of contribution: Author or co-author of review

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 1.19

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 7

Source of citations: WOS

Citations: 7

- 360** Suihong Liu; Lijia Cheng; Yakui Liu; Haiguang Zhang; Yongteng Song; Jeong-Hui Park; Khandmaa Dashnyam; Jung-Hwan Lee; Fouad Al-Hakim Khalak; Oliver Riester; Zheng Shi; Serge Ostrovidov; Hirokazu Kaji; Hans-Peter Digner; José Luis Pedraz; Jonathan C Knowles; Qingxi Hu; Hae-Won Kim; Murugan Ramalingam. 3D Bioprinting tissue analogs: Current development and translational implications. Journal of Tissue Engineering. (United Kingdom): SAGE Publications Ltd, 01/01/2023. Available on-line at: <<https://doi.org/10.1177/20417314231187113>>. ISSN 2041-7314

DOI: 10.1177/20417314231187113

SCOPUS: 20232662896

Type of production: Bibliographic review

Position of signature: 15

Total no. authors: 19

Impact source: ISI

Impact index in year of publication: 6.7

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.262

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 8

Source of citations: WOS

Citations: 10

- 361** Matteo Aroffu; Maria Letizia Manca; José Luis Pedraz; Maria Manconi. Liposome-based vaccines for minimally or noninvasive administration: an update on current advancements. Expert Opinion on Drug Delivery. (United Kingdom): Taylor and Francis Ltd., 2023. ISSN 1744-7593, ISSN 1742-5247

DOI: 10.1080/17425247.2023.2288856

PMID: 38015659

SCOPUS: 20234575305

Type of production: Bibliographic review

Position of signature: 3

Degree of contribution: Author or co-author of review

**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 5.0**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.009**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 5**Source of citations:** WOS**Citations:** 5

362 Fouad Al-Hakim Khalak; Fátima García-Villén; Sandra Ruiz-Alonso; José Luis Pedraz; Laura Saenz-del-Burgo. Decellularized Extracellular Matrix-Based Bioinks for Tendon Regeneration in Three-Dimensional Bioprinting. International Journal of Molecular Sciences. (Switzerland): MDPI, 01/11/2022. Available on-line at: <<https://doi.org/10.3390/ijms232112930>>. ISSN 1422-0067, ISSN 1661-6596

DOI: 10.3390/IJMS232112930**SCOPUS:** 20224006521**Type of production:** Bibliographic review**Position of signature:** 4**Degree of contribution:** Author or co-author of review**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 5.6**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.154**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 10**Source of citations:** WOS**Citations:** 10

363 Markel Lafuente-Merchan; Sandra Ruiz-Alonso; Fátima García-Villén; Idoia Gallego; Patricia Gálvez-Martín; Laura Saenz-del-Burgo; Jose Luis Pedraz. Progress in 3D Bioprinting Technology for Osteochondral Regeneration. Pharmaceutics. (Switzerland): MDPI, 01/08/2022. Available on-line at: <<https://doi.org/10.3390/pharmaceutics14081578>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS14081578**SCOPUS:** 20223120533**Type of production:** Bibliographic review**Position of signature:** 7**Degree of contribution:** Author or co-author of review**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 5.4**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.795**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 16**Source of citations:** WOS**Citations:** 0

364 Fátima García-Villén; Sandra Ruiz-Alonso; Markel Lafuente-Merchan; Idoia Gallego; Myriam Sainz-Ramos; Laura Saenz-Del-burgo; Jose Luis Pedraz. Clay minerals as bioink ingredients for 3d printing and 3d bioprinting: Application in tissue engineering and regenerative medicine. Pharmaceutics. (Switzerland): MDPI, 01/11/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13111806>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS13111806

SCOPUS: 20213704005

Type of production: Bibliographic review

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 6.525

Impact source: SCOPUS

Impact index in year of publication: 0.922

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 31

Citations: 0

365 Tania B. Lopez-Mendez; Edorta Santos-Vizcaino; Jose Luis Pedraz; Gorka Orive; Rosa Maria Hernandez. Cell microencapsulation technologies for sustained drug delivery: Latest advances in efficacy and biosafety. Journal of Controlled Release. (Holland): Elsevier B.V., 10/07/2021. Available on-line at: <<https://doi.org/10.1016/j.jconrel.2021.06.006>>. ISSN 1873-4995, ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2021.06.006

SCOPUS: 20211975412

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 11.467

Impact source: SCOPUS

Impact index in year of publication: 1.812

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 42

Citations: 38

366 Myriam Sainz-ramos; Idoia Gallego; Ilia Villate-beitia; Jon Zarate; Iván Maldonado; Gustavo Puras; Jose Luis Pedraz. How far are non-viral vectors to come of age and reach clinical translation in gene therapy?. International Journal of Molecular Sciences. (Switzerland): MDPI AG, 02/07/2021. Available on-line at: <<https://doi.org/10.3390/ijms22147545>>. ISSN 1422-0067, ISSN 1661-6596

DOI: 10.3390/IJMS22147545

SCOPUS: 20212345722

Type of production: Bibliographic review

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 6.208

Impact source: SCOPUS

Impact index in year of publication: 1.176

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 39

Citations: 36



- 367** Sandra Ruiz-Alonso; Markel Lafuente-Merchan; Jesús Ciriza; Laura Saenz-del-Burgo; Jose Luis Pedraz. Tendon tissue engineering: Cells, growth factors, scaffolds and production techniques. Journal of Controlled Release. (Holland): Elsevier B.V., 10/05/2021. ISSN 1873-4995, ISSN 0168-3659
DOI: 10.1016/J.JCONREL.2021.03.040
PMID: 33811983
SCOPUS: 20211228206
Type of production: Bibliographic review
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 11.467
Impact source: SCOPUS
Impact index in year of publication: 1.812
Source of citations: SCOPUS
Source of citations: WOS
- Degree of contribution:** Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 101
Citations: 98
- 368** Tania B. Lopez-Mendez; Edorta Santos-Vizcaino; Jose Luis Pedraz; Rosa Maria Hernandez; Gorka Orive. Cell microencapsulation technologies for sustained drug delivery: Clinical trials and companies. Drug Discovery Today. (United Kingdom): Elsevier Ltd, 01/03/2021. ISSN 1878-5832, ISSN 1359-6446
DOI: 10.1016/J.DRUDIS.2020.11.019
PMID: 33242694
SCOPUS: 20204412578
Type of production: Bibliographic review
Position of signature: 3
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 8.369
Impact source: SCOPUS
Impact index in year of publication: 1.47
Source of citations: SCOPUS
Source of citations: WOS
- Degree of contribution:** Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 16
Citations: 15
- 369** Sandra Ruiz-alonso; Ilia Villate-beitia; Idoia Gallego; Markel Lafuente-merchan; Gustavo Puras; Laura Saenz-del-burgo; José Luis Pedraz. Current insights into 3D bioprinting: An advanced approach for eye tissue regeneration. Pharmaceutics. (Switzerland): MDPI AG, 01/03/2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13030308>>. ISSN 1999-4923
DOI: 10.3390/PHARMACEUTICS13030308
SCOPUS: 20210828590
Type of production: Bibliographic review
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 6.525
Impact source: SCOPUS
Impact index in year of publication: 0.922
Source of citations: SCOPUS
- Degree of contribution:** Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 40

**Source of citations:** WOS**Citations:** 0

- 370** Amaia Huguet-Casquero; Eusebio Gainza; Jose Luis Pedraz. Towards Green Nanoscience: From extraction to nanoformulation. *Biotechnology Advances*. (United States of America): Elsevier Inc., 01/01/2021. ISSN 0734-9750
DOI: 10.1016/J.BIOTECHADV.2020.107657

PMID: 33181241**SCOPUS:** 20204127420**Type of production:** Bibliographic review**Position of signature:** 3**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 17.681**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.482**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 37**Source of citations:** WOS**Citations:** 31

- 371** Noha Attia; Mohamed Mashal; Gustavo Puras; Jose Luis Pedraz. Mesenchymal stem cells as a gene delivery tool: Promise, problems, and prospects. *Pharmaceutics*. (Switzerland): MDPI AG, 2021. Available on-line at: <<https://doi.org/10.3390/pharmaceutics13060843>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS13060843**SCOPUS:** 20212101594**Type of production:** Bibliographic review**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 6.525**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.922**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 24**Source of citations:** WOS**Citations:** 0

- 372** Ahmed Raslan; Laura Saenz del Burgo; Jesús Ciriza; Jose Luis Pedraz. Graphene oxide and reduced graphene oxide-based scaffolds in regenerative medicine. *International Journal of Pharmaceutics*. (Holland): Elsevier B.V., 30/04/2020. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2020.119226**PMID:** 32179151**SCOPUS:** 20200959009**Type of production:** Bibliographic review**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 5.875**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.153**Journal in the top 25%:** Yes

**Source of citations:** SCOPUS**Citations:** 185**Source of citations:** WOS**Citations:** 170

- 373** Nuseibah Al Qtaish; Idoia Gallego; Ilia Villate-Beitia; Myriam Sainz-Ramos; Tania Belén López-Méndez; Santiago Grijalvo; Ramón Eritja; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Eduardo Fernández; Gustavo Puras; José Luis Pedraz. Niosome-based approach for in situ gene delivery to retina and brain cortex as immune-privileged tissues. *Pharmaceutics*. (Switzerland): MDPI AG, 01/03/2020. Available on-line at: <<https://doi.org/10.3390/pharmaceutics12030198>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS12030198**SCOPUS:** 20200741920**Type of production:** Bibliographic review**Position of signature:** 12**Degree of contribution:** Author or co-author of review**Total no. authors:** 12**Impact source:** ISI**Impact index in year of publication:** 6.321**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.054**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 38**Source of citations:** WOS**Citations:** 0

- 374** Albert Espona-Noguera; Jesús Ciriza; Alberto Cañibano-Hernández; Gorka Orive; Rosa María Hernández; Laura Saenz Del Burgo; Jose Luis Pedraz. Review of advanced hydrogel-based cell encapsulation systems for insulin delivery in type 1 diabetes mellitus. *Pharmaceutics*. (Switzerland): MDPI AG, 01/11/2019. Available on-line at: <<https://doi.org/10.3390/pharmaceutics11110597>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS11110597**SCOPUS:** 20193310828**Type of production:** Bibliographic review**Position of signature:** 7**Degree of contribution:** Author or co-author of review**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.421**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.894**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 72**Source of citations:** WOS**Citations:** 0

- 375** Mari Carmen Echave; Raquel Hernáez-Moya; Leire Iturriaga; José Luis Pedraz; Rajamani Lakshminarayanan; Alireza Dolatshahi-Pirouz; Nayere Taebnia; Gorka Orive. Recent advances in gelatin-based therapeutics. *Expert Opinion on Biological Therapy*. (United Kingdom): Taylor and Francis Ltd, 03/08/2019. ISSN 1744-7682, ISSN 1471-2598

DOI: 10.1080/14712598.2019.1610383**PMID:** 31009588**SCOPUS:** 20192081539**Type of production:** Bibliographic review**Position of signature:** 4**Degree of contribution:** Author or co-author of review**Total no. authors:** 8**Impact source:** ISI

**Impact index in year of publication:** 3.224**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.917**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 114**Source of citations:** WOS**Citations:** 94

376 Santiago Grijalvo; Gustavo Puras; Jon Zárate; Myriam Sainz-Ramos; Nuseibah A.L. Qtaish; Tania López; Mohamed Mashal; Noha Attia; David Díaz; Ramon Pons; Eduardo Fernández; José Luis Pedraz; Ramon Eritja. Cationic niosomes as non-viral vehicles for nucleic acids: Challenges and opportunities in gene delivery. *Pharmaceutics*. (Switzerland): MDPI AG, 01/02/2019. Available on-line at: <<https://doi.org/10.3390/pharmaceutics11020050>>. ISSN 1999-4923

DOI: 10.3390/PHARMACEUTICS11020050**SCOPUS:** 20190805951**Type of production:** Bibliographic review**Position of signature:** 12**Degree of contribution:** Author or co-author of review**Total no. authors:** 13**Impact source:** ISI**Impact index in year of publication:** 4.421**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.894**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 70**Source of citations:** WOS**Citations:** 0

377 Gorka Orive; Edorta Santos-Vizcaino; Jose Luis Pedraz; Rosa Maria Hernandez; Julia E. Vela Ramirez; Alireza Dolatshahi-Pirouz; Ali Khademhosseini; Nicholas A. Peppas; Dwaine F. Emerich. 3D cell-laden polymers to release bioactive products in the eye. *Progress in Retinal and Eye Research*. (United Kingdom): Elsevier Ltd, 01/01/2019. ISSN 1873-1635, ISSN 1350-9462

DOI: 10.1016/J.PRETEYERES.2018.10.002**PMID:** 30342088**SCOPUS:** 20183511024**SCOPUS:** 20183511025**Type of production:** Bibliographic review**Position of signature:** 3**Degree of contribution:** Author or co-author of review**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 14.86**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 5.834**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 17**Source of citations:** WOS**Citations:** 17

378 Gurruchaga H.; Saenz del Burgo L.; Hernandez R.M.; Orive G.; Selden C.; Fuller B.; Ciriza J.; Pedraz J.L. Advances in the slow freezing cryopreservation of microencapsulated cells. *Journal of Controlled Release*. (Holland): Elsevier B.V., 10/07/2018. ISSN 1873-4995, ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2018.05.016**PMID:** 29782945

SCOPUS: 20181664449

Type of production: Bibliographic review

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 7.901

Impact source: SCOPUS

Impact index in year of publication: 2.411

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 48

Citations: 43

379 Alberto Cañibano-Hernández; Laura Sáenz del Burgo; Albert Espona-Noguera; Jesús Ciriza; Jose Luis Pedraz. Current advanced therapy cell-based medicinal products for type-1-diabetes treatment. International Journal of Pharmaceutics. (Holland): Elsevier B.V., 30/05/2018. ISSN 1873-3476, ISSN 0378-5173

DOI: 10.1016/J.IJPHARM.2018.03.041

PMID: 29597032

SCOPUS: 20181123553

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.213

Impact source: SCOPUS

Impact index in year of publication: 1.135

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 21

Citations: 0

380 Gorka Orive; Dwaine Emerich; Ali Khademhosseini; Shinichi Matsumoto; Hernández R.M.; Pedraz J.L.; Tejal Desai; Riccardo Calafiore; Paul de Vos. Engineering a Clinically Translatable Bioartificial Pancreas to Treat Type I Diabetes. Trends in Biotechnology. (United Kingdom): Elsevier Ltd, 01/04/2018. ISSN 1879-3096, ISSN 0167-7799

DOI: 10.1016/J.TIBTECH.2018.01.007

PMID: 29455936

SCOPUS: 20180501427

Type of production: Bibliographic review

Position of signature: 6

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 13.747

Impact source: SCOPUS

Impact index in year of publication: 3.482

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 67

Citations: 58

- 381** Echave M.C.; Sánchez P.; Pedraz J.L.; Orive G. Progress of gelatin-based 3D approaches for bone regeneration. Journal of Drug Delivery Science and Technology. (France): Editions de Sante, 01/12/2017. ISSN 1773-2247
DOI: 10.1016/J.JDDST.2017.04.012
Type of production: Bibliographic review
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.297
Impact source: SCOPUS
Impact index in year of publication: 0.517
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: No
Citations: 104
Citations: 89
- 382** Ainhoa Gonzalez-Pujana; Edorta Santos; Gorka Orive; Jose Luis Pedraz; Rosa Maria Hernandez. Cell microencapsulation technology: Current vision of its therapeutic potential through the administration routes. Journal of Drug Delivery Science and Technology. (France): Editions de Sante, 01/12/2017. ISSN 1773-2247
DOI: 10.1016/J.JDDST.2017.03.028
Type of production: Bibliographic review
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.297
Impact source: SCOPUS
Impact index in year of publication: 0.517
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: No
Citations: 27
Citations: 25
- 383** Itxaso Garcia-Orue; Jose Luis Pedraz; Rosa Maria Hernandez; Manoli Igartua. Nanotechnology-based delivery systems to release growth factors and other endogenous molecules for chronic wound healing. Journal of Drug Delivery Science and Technology. (France): Editions de Sante, 01/12/2017. ISSN 1773-2247
DOI: 10.1016/J.JDDST.2017.03.002
Type of production: Bibliographic review
Position of signature: 2
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.297
Impact source: SCOPUS
Impact index in year of publication: 0.517
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: No
Citations: 32
Citations: 28
- 384** Iliá Villate-Beitia; Jon Zarate; Gustavo Puras; José Luis Pedraz. Gene delivery to the lungs: pulmonary gene therapy for cystic fibrosis. Drug Development and Industrial Pharmacy. (United States of America): Taylor and Francis Ltd., 03/07/2017. ISSN 1520-5762, ISSN 0363-9045
DOI: 10.1080/03639045.2017.1298122

**PMID:** 28270008**Type of production:** Bibliographic review**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.883**Impact source:** SCOPUS**Impact index in year of publication:** 0.519**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 23**Citations:** 22

385 Mari C. Echave; Laura S. Burgo; Jose L. Pedraz; Gorka Orive. Gelatin as biomaterial for tissue engineering. Current Pharmaceutical Design. (United Arab Emirates): Bentham Science Publishers B.V., 01/07/2017. ISSN 1873-4286, ISSN 1381-6128

DOI: 10.2174/0929867324666170511123101**PMID:** 28494717**SCOPUS:** 20170900566**Type of production:** Bibliographic review**Position of signature:** 3**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 2.757**Impact source:** SCOPUS**Impact index in year of publication:** 0.883**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** No**Journal in the top 25%:** No**Citations:** 314**Citations:** 271

386 Sara Hernando; Oihane Gartzandia; Enara Herran; Jose Luis Pedraz; Manoli Igartua; Rosa Maria Hernandez. Advances in nanomedicine for the treatment of Alzheimer's and Parkinson's diseases. Nanomedicine. (United Kingdom): Future Medicine Ltd., 01/05/2016. ISSN 1748-6963, ISSN 1743-5889

DOI: 10.2217/NNM-2016-0019**PMID:** 27077453**Type of production:** Bibliographic review**Position of signature:** 4**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 4.727**Impact source:** SCOPUS**Impact index in year of publication:** 1.27**Source of citations:** SCOPUS**Source of citations:** WOS**Degree of contribution:** Author or co-author of review**Journal in the top 25%:** Yes**Journal in the top 25%:** Yes**Citations:** 40**Citations:** 33

387 Gorka Orive; Edorta Santos; Denis Poncelet; Rosa María Hernández; José Luis Pedraz; Lars U. Wahlberg; Paul De Vos; Dwaine Emerich. Cell encapsulation: technical and clinical advances. Trends in Pharmacological Sciences. (United Kingdom): Elsevier Ltd, 11/08/2015. ISSN 1873-3735, ISSN 0165-6147

DOI: 10.1016/J.TIPS.2015.05.003

PMID: 26067102

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 11.84

Impact source: SCOPUS

Impact index in year of publication: 5.367

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 150

Citations: 137

- 388** Haritz Gurruchaga; Laura Saenz Del Burgo; Jesús Ciriza; Gorka Orive; Rosa María Hernández; Jose Luis Pedraz. Advances in cell encapsulation technology and its application in drug delivery. Expert Opinion on Drug Delivery. (United Kingdom): Taylor and Francis Ltd, 01/08/2015. ISSN 1744-7593, ISSN 1742-5247

DOI: 10.1517/17425247.2015.1001362

PMID: 25563077

Type of production: Bibliographic review

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 5.434

Impact source: SCOPUS

Impact index in year of publication: 1.397

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 31

Citations: 28

- 389** Garazi Gainza; Silvia Villullas; José Luis Pedraz; Rosa Maria Hernandez; Manoli Igartua. Advances in drug delivery systems (DDSs) to release growth factors for wound healing and skin regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine. (United States of America): Elsevier Inc., 2015. ISSN 1549-9642, ISSN 1549-9634

DOI: 10.1016/J.NANO.2015.03.002

PMID: 25804415

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 5.671

Impact source: SCOPUS

Impact index in year of publication: 1.857

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 236

Citations: 210



- 390** Moreno-Sastre M.; Pastor M.; Salomon C.J.; Esquisabel A.; Pedraz J.L. Pulmonary drug delivery: A review on nanocarriers for antibacterial chemotherapy. *Journal of Antimicrobial Chemotherapy*. (United Kingdom): Oxford University Press, 2015. Available on-line at: <<https://doi.org/10.1093/jac/dkv192>>. ISSN 1460-2091, ISSN 0305-7453
DOI: 10.1093/JAC/DKV192
PMID: 26203182
Type of production: Bibliographic review
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 4.919
Impact source: SCOPUS
Impact index in year of publication: 2.259
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: No
Citations: 71
Citations: 0
- 391** Laura Saenz del Burgo; Rosa María Hernández; Gorka Orive; Jose Luis Pedraz. Nanotherapeutic approaches for brain cancer management. *Nanomedicine: Nanotechnology, Biology, and Medicine*. (United States of America): Elsevier Inc., 01/07/2014. ISSN 1549-9642, ISSN 1549-9634
DOI: 10.1016/J.NANO.2013.10.001
PMID: 24135564
SCOPUS: 20180294770
Type of production: Bibliographic review
Position of signature: 4
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 6.155
Impact source: SCOPUS
Impact index in year of publication: 1.876
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 101
Citations: 82
- 392** Orive G.; Santos E.; Pedraz J.L.; Hernández R.M. Application of cell encapsulation for controlled delivery of biological therapeutics. *Advanced Drug Delivery Reviews*. (Holland): Elsevier, 10/04/2014. ISSN 1872-8294, ISSN 0169-409X
DOI: 10.1016/J.ADDR.2013.07.009
PMID: 23886766
Type of production: Bibliographic review
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 15.038
Impact source: SCOPUS
Impact index in year of publication: 4.877
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 108
Citations: 102

- 393** Saenz Del Burgo L.; Pedraz J.L.; Orive G. Advanced nanovehicles for cancer management. Drug Discovery Today. (United Kingdom): Elsevier Ltd, 2014. ISSN 1878-5832, ISSN 1359-6446
DOI: 10.1016/J.DRUDIS.2014.06.020
PMID: 24981660
Type of production: Bibliographic review
Position of signature: 2
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 6.691
Impact source: SCOPUS
Impact index in year of publication: 1.865
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 48
Citations: 37
- 394** Herran E.; Igartua M.; Pedraz J.L.; Hernandez R.M. Novel drug delivery systems for releasing growth factors to the CNS: Focus on Alzheimer's and Parkinson's diseases. Mini-Reviews in Medicinal Chemistry. (United Arab Emirates): Bentham Science Publishers B.V., 2014. ISSN 1875-5607, ISSN 1389-5575
DOI: 10.2174/1389557514666140622205058
PMID: 24958218
Type of production: Bibliographic review
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.903
Impact source: SCOPUS
Impact index in year of publication: 0.769
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: No
Journal in the top 25%: No
Citations: 1
Citations: 1
- 395** Mireia Agirre; Jon Zarate; Edilberto Ojeda; Gustavo Puras; Jacques Desbrieres; Jose Luis Pedraz. Low molecular weight chitosan (LMWC)-based polyplexes for pDNA delivery: From bench to bedside. Polymers. (Switzerland): Molecular Diversity Preservation International, 2014. Available on-line at: <<https://doi.org/10.3390/polym6061727>>. ISSN 2073-4360
DOI: 10.3390/POLYM6061727
Type of production: Bibliographic review
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.681
Impact source: SCOPUS
Impact index in year of publication: 1.125
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Journal in the top 25%: Yes
Citations: 47
Citations: 42



- 396** Edorta Santos; José Luis Pedraz; Rosa María Hernández; Gorka Orive. Therapeutic cell encapsulation: Ten steps towards clinical translation. *Journal of Controlled Release*. (Holland): Elsevier B.V., 28/08/2013. ISSN 1873-4995, ISSN 0168-3659
DOI: 10.1016/J.JCONREL.2013.04.015
Type of production: Bibliographic review
Position of signature: 2 **Degree of contribution:** Author or co-author of review
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 7.261 **Journal in the top 25%:** Yes
Impact source: SCOPUS
Impact index in year of publication: 2.441 **Journal in the top 25%:** Yes
Source of citations: SCOPUS **Citations:** 67
Source of citations: WOS **Citations:** 63
- 397** Pastor M.; Pedraz J.L.; Esquisabel A. The state-of-the-art of approved and under-development cholera vaccines. *Vaccine*. (United Kingdom): 28/08/2013. ISSN 0264-410X, ISSN 1873-2518
DOI: 10.1016/J.VACCINE.2013.06.096
PMID: 23845813
Type of production: Bibliographic review
Position of signature: 2 **Degree of contribution:** Author or co-author of review
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 3.485 **Journal in the top 25%:** No
Impact source: SCOPUS
Impact index in year of publication: 1.752 **Journal in the top 25%:** Yes
Source of citations: SCOPUS **Citations:** 25
Source of citations: WOS **Citations:** 22
- 398** Elena Mata; Aiala Salvador; Manoli Igartua; Rosa María Hernández; José Luis Pedraz. Malaria vaccine adjuvants: Latest update and challenges in preclinical and clinical research. *BioMed Research International*. (United States of America): 2013. Available on-line at: <<https://doi.org/10.1155/2013/282913>>. ISSN 2314-6133, ISSN 2314-6141
DOI: 10.1155/2013/282913
PMID: 23710439
Type of production: Bibliographic review
Position of signature: 5 **Degree of contribution:** Author or co-author of review
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 0.0 **Journal in the top 25%:** No
Impact source: SCOPUS
Impact index in year of publication: 1.175 **Journal in the top 25%:** Yes
Source of citations: SCOPUS **Citations:** 34
Source of citations: WOS **Citations:** 32

- 399** Aiala Salvador; Rosa M Hernández; José Luis Pedraz; Manoli Igartua. Plasmodium falciparum malaria vaccines: Current status, pitfalls and future directions. Expert Review of Vaccines. (United Kingdom): 10/2012. ISSN 1476-0584, ISSN 1744-8395

DOI: 10.1586/ERV.12.87

PMID: 23151165

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 4.219

Impact source: SCOPUS

Impact index in year of publication: 1.331

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 9

Citations: 9

- 400** Edorta Santos; Rosa M. Hernández; José Luis Pedraz; Gorka Orive. Novel advances in the design of three-dimensional bio-scaffolds to control cell fate: Translation from 2D to 3D. Trends in Biotechnology. (United Kingdom): 07/2012. ISSN 0167-7799, ISSN 1879-3096

DOI: 10.1016/J.TIBTECH.2012.03.005

PMID: 22560988

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 9.66

Impact source: SCOPUS

Impact index in year of publication: 3.39

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 128

Citations: 119

- 401** Ane Garate; Ainhoa Murua; Gorka Orive; Rosa M. Hernández; Jose Luis Pedraz. Stem cells in alginate bioscaffolds. Therapeutic Delivery. (United Kingdom): 07/2012. ISSN 2041-5990, ISSN 2041-6008

DOI: 10.4155/TDE.12.53

PMID: 22838071

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 5

Impact source: SCOPUS

Impact index in year of publication: 0.357

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: No

Citations: 20

Citations: 17

- 402** Susana Patricia Egusquiaguirre; Manuela Igartua; Rosa María Hernández; José Luis Pedraz. Nanoparticle delivery systems for cancer therapy: Advances in clinical and preclinical research. Clinical and Translational Oncology. (Italy): 03/2012. ISSN 1699-048X, ISSN 1699-3055

DOI: 10.1007/S12094-012-0766-6

PMID: 22301396

Type of production: Bibliographic review

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.276

Impact source: SCOPUS

Impact index in year of publication: 0.529

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 250

Citations: 223

403 Argia Acarregui; Ainhoa Murua; Jos L. Pedraz; Gorka Orive; Rosa M. Hernández. A perspective on bioactive cell microencapsulation. BioDrugs. (New Zealand): 2012. ISSN 1173-8804, ISSN 1179-190X

DOI: 10.2165/11632640-000000000-00000

PMID: 22715813

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.809

Impact source: SCOPUS

Impact index in year of publication: 1.106

Source of citations: SCOPUS

Degree of contribution: Author or co-author of review

Journal in the top 25%: No

Journal in the top 25%: Yes

Citations: 31

404 Aiala Salvador; Manoli Igartua; Rosa Maria Hernandez; Jose Luis Pedraz. An Overview on the Field of Micro- and Nanotechnologies for Synthetic Peptide-Based Vaccines. JOURNAL OF DRUG DELIVERY. HINDAWI LTD, 01/01/2011. ISSN 2090-3014, ISSN 2090-3022

WOS: WOS:000219168700004

DOI: 10.1155/2011/181646

PMID: MEDLINE:21773041

Type of production: Bibliographic review

Position of signature: 4

Total no. authors: 4

Source of citations: WOS

Degree of contribution: Author or co-author of review

Citations: 50

405 Gorka Orive; Rosa M. Hernández; Ainhoa Murua; José Luis Pedraz. Recent advances in the use of encapsulated cells for effective delivery of therapeutics. Therapeutic Delivery. (United Kingdom): 10/2010. ISSN 2041-5990, ISSN 2041-6008

DOI: 10.4155/TDE.10.36

PMID: 22816142

Type of production: Bibliographic review

Position of signature: 4

Total no. authors: 4

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Citations: 8

Citations: 0

- 406** Orive G.; Ali O.A.; Anitua E.; Pedraz J.L.; Emerich D.F. Biomaterial-based technologies for brain anti-cancer therapeutics and imaging. *Biochimica et Biophysica Acta - Reviews on Cancer*. (Holland): 09/2010. ISSN 0304-419X
DOI: 10.1016/J.BBCAN.2010.04.001
PMID: 20406668
Type of production: Bibliographic review
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 9.886
Impact source: SCOPUS
Impact index in year of publication: 6.819
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Citations: 77
Citations: 64
- 407** Rosa Ma Hernández; Gorka Orive; Ainhoa Murua; José Luis Pedraz. Microcapsules and microcarriers for in situ cell delivery. *Advanced Drug Delivery Reviews*. (Holland): 07/2010. ISSN 0169-409X
DOI: 10.1016/J.ADDR.2010.02.004
PMID: 20153388
Type of production: Bibliographic review
Position of signature: 4
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 13.577
Impact source: SCOPUS
Impact index in year of publication: 4.742
Source of citations: SCOPUS
Source of citations: WOS
Degree of contribution: Author or co-author of review
Journal in the top 25%: Yes
Citations: 313
Citations: 282
- 408** Aitziber Portero; Gorka Orive; Rosa M. Hernández; José Luis Pedraz. Encapsulación de células para el tratamiento de enfermedades del sistema nervioso central. *Revista de Neurología*. (Spain): 01/04/2010. ISSN 0210-0010
PMID: 20387211
Type of production: Bibliographic review
Position of signature: 4
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.218
Impact source: SCOPUS
Impact index in year of publication: 0.25
Source of citations: SCOPUS
Degree of contribution: Author or co-author of review
Journal in the top 25%: No
Citations: 5
- 409** Gorka Orive; Eduardo Anitua; José Luis Pedraz; Dwaine F. Emerich. Biomaterials for promoting brain protection, repair and regeneration. *Nature Reviews Neuroscience*. (United Kingdom): 10/2009. ISSN 1471-003X, ISSN 1471-0048
DOI: 10.1038/NRN2685

PMID: 19654582

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 26.483

Impact source: SCOPUS

Impact index in year of publication: 9.019

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 365

Citations: 319

410 Paul de Vos; Marek Bučko; Peter Gemeiner; Marián Navrátil; Juraj Švitel; Marijke Faas; Berit Løkensgard Strand; Gudmund Skjak-Braek; Yrr A. Morch; Alica Vikartovská; Igor Lacík; Gabriela Kolláriková; Gorka Orive; Dennis Poncelet; Jose Luis Pedraz; Marion B. Ansorge-Schumacher. Multiscale requirements for bioencapsulation in medicine and biotechnology. Biomaterials. (United Kingdom): 06/2009. ISSN 0142-9612

DOI: 10.1016/J.BIOMATERIALS.2009.01.014

PMID: 19201460

Type of production: Bibliographic review

Position of signature: 15

Total no. authors: 16

Impact source: ISI

Impact index in year of publication: 7.365

Impact source: SCOPUS

Impact index in year of publication: 3.381

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 200

Citations: 180

411 Ainhoa Murua; Aitziber Portero; Gorka Orive; Rosa Ma Hernández; María de Castro; José Luis Pedraz. Cell microencapsulation technology: Towards clinical application. Journal of Controlled Release. (Holland): 08/12/2008. ISSN 0168-3659

DOI: 10.1016/J.JCONREL.2008.08.010

PMID: 18789985

Type of production: Bibliographic review

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 5.69

Impact source: SCOPUS

Impact index in year of publication: 2.272

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 315

Citations: 285

412 Alicia R. Gascón; Jose Luis Pedraz. Cationic lipids as gene transfer agents: A patent review. Expert Opinion on Therapeutic Patents. (United Kingdom): 06/2008. ISSN 1354-3776

DOI: 10.1517/13543776.18.5.515

Type of production: Bibliographic review

Position of signature: 2

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 1.335

Impact source: SCOPUS

Impact index in year of publication: 0.505

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: No

Journal in the top 25%: No

Citations: 18

Citations: 17

- 413** Salvador Harguindeguy; Gorka Orive; José Luis Pedraz; Angelo Paradiso; Stephan J. Reshkin. The role of pH dynamics and the Na⁺/H⁺ antiporter in the etiopathogenesis and treatment of cancer. Two faces of the same coin - One single nature. *Biochimica et Biophysica Acta - Reviews on Cancer*. (Holland): 25/09/2005. ISSN 0304-419X
DOI: 10.1016/J.BBCAN.2005.06.004
PMID: 16099110

Type of production: Bibliographic review

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 12.143

Impact source: SCOPUS

Impact index in year of publication: 8.629

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 220

Citations: 198

- 414** Gorka Orive; Alicia R. Gascón; Rosa Ma. Hernández; Alfonso Domínguez-Gil; José Luis Pedraz. Techniques: New approaches to the delivery of biopharmaceuticals. *Trends in Pharmacological Sciences*. (United Kingdom): 08/2004. ISSN 0165-6147
DOI: 10.1016/J.TIPS.2004.05.006
PMID: 15219981

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 13.054

Impact source: SCOPUS

Impact index in year of publication: 3.825

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 97

Citations: 72

- 415** Gorka Orive; Rose Maria Hernández; Alicia Rodríguez Gascón; Riccardo Calafiore; Thomas Ming Swi Chang; Paul De Vos; Gonzalo Hortelano; David Hunkeler; Igor Lacík; José Luis Pedraz. History, challenges and perspectives of cell microencapsulation. *Trends in Biotechnology*. (United Kingdom): Elsevier Ltd, 2004. ISSN 0167-7799
DOI: 10.1016/J.TIBTECH.2003.11.004
PMID: 14757043

Type of production: Bibliographic review

Position of signature: 10

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 8.606

Impact source: SCOPUS

Impact index in year of publication: 1.824

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 332

Citations: 289

- 416** Gorka Orive Arroyo; Rosa M. Hernández; Alicia R. Gascón; Manoli Igartua; José Luis Pedraz. A glimmer of hope for diabetics?. Trends in Biotechnology. (United Kingdom): Elsevier Ltd, 01/07/2003. ISSN 0167-7799

DOI: 10.1016/S0167-7799(03)00143-4

PMID: 12837610

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 7.517

Impact source: SCOPUS

Impact index in year of publication: 1.58

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 1

Citations: 1

- 417** Gorka Orive; Alicia R. Gascón; Rosa M. Hernández; Manuela Igartua; José Luis Pedraz. Cell microencapsulation technology for biomedical purposes: Novel insights and challenges. Trends in Pharmacological Sciences. (United Kingdom): Elsevier Ltd, 01/05/2003. ISSN 0165-6147

DOI: 10.1016/S0165-6147(03)00073-7

PMID: 12767713

Type of production: Bibliographic review

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 13.965

Impact source: SCOPUS

Impact index in year of publication: 3.83

Source of citations: SCOPUS

Source of citations: WOS

Degree of contribution: Author or co-author of review

Journal in the top 25%: Yes

Journal in the top 25%: Yes

Citations: 128

Citations: 106

- 418** Gorka Orive; Rosa M. Hernández; Alicia R. Gascón; Manoli Igartua; José Luis Pedraz. Controversies over stem cell research. Trends in Biotechnology. (United Kingdom): Elsevier Ltd, 01/03/2003. ISSN 0167-7799

DOI: 10.1016/S0167-7799(03)00003-9

PMID: 12628366

Type of production: Bibliographic review

Position of signature: 5

Degree of contribution: Author or co-author of review

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 7.517**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.58**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 14**Source of citations:** WOS**Citations:** 11

419 Gorka Orive; Rosa María Hernández; Alicia R. Gascón; Riccardo Calafiore; Thomas M.S. Chang; Paul De Vos; Gonzalo Hortelano; David Hunkeler; Igor Lacik; A.M. James Shapiro; José Luis Pedraz. Cell encapsulation: Promise and progress. *Nature Medicine*. (United States of America): 01/01/2003. ISSN 1078-8956

DOI: 10.1038/NM0103-104**PMID:** 12514721**Type of production:** Bibliographic review**Position of signature:** 11**Degree of contribution:** Author or co-author of review**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 30.55**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 9.288**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 542**Source of citations:** WOS**Citations:** 489

420 Gorka Orive; Rosa Maria Hernández; Alicia Rodríguez Gascón; Alfonso Domínguez-Gil; José Luis Pedraz. Drug delivery in biotechnology: Present and future. *Current Opinion in Biotechnology*. (United Kingdom): Elsevier Ltd, 2003. ISSN 0958-1669

DOI: 10.1016/J.COPBIO.2003.10.007**PMID:** 14662398**Type of production:** Bibliographic review**Position of signature:** 5**Degree of contribution:** Author or co-author of review**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 6.86**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 2.764**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 219**Source of citations:** WOS**Citations:** 0

421 Gorka Orive; Rosa María Hernández; Alicia R Gascón; Manoli Igartua; José Luis Pedraz. Encapsulated cell technology: From research to market. *Trends in Biotechnology*. (United Kingdom): 01/09/2002. ISSN 0167-7799

DOI: 10.1016/S0167-7799(02)02037-1**PMID:** 12175769**Type of production:** Bibliographic review**Position of signature:** 5**Degree of contribution:** Author or co-author of review**Total no. authors:** 5

**Impact source:** ISI**Impact index in year of publication:** 6.291**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.676**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 63**Source of citations:** WOS**Citations:** 52

- 422** Harguindey S.; Orive G.; Pedraz J.L. Integración multidisciplinaria de campos oncológicos a través de mecanismos cruciales y vías comunes. De etiopatogénesis a tratamiento. Oncología. (Spain): 2002. ISSN 0378-4835

Type of production: Bibliographic review**Position of signature:** 3**Degree of contribution:** Author or co-author of review**Total no. authors:** 3**Impact source:** SCOPUS**Impact index in year of publication:** 0.1**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 3

- 423** Orive G.; Hernández R.M.; Gascón A.R.; Harguindey S.; Pedraz J.L. Implicaciones del ion hidrógeno y el antiportador Na⁺/H⁺ en la angiogénesis y antiangiogénesis tumoral. Oncología. (Spain): Alpe Editores S.A., 2002. ISSN 0378-4835

Type of production: Bibliographic review**Position of signature:** 5**Degree of contribution:** Author or co-author of review**Total no. authors:** 5**Impact source:** SCOPUS**Impact index in year of publication:** 0.1**Journal in the top 25%:** No**Source of citations:** SCOPUS**Citations:** 0

- 424** Harguindey S.; Pedraz J.L.; Garcia Canero R.; Perez De Diego J.; Cragoe Jr. E.J. Hydrogen ion-dependent oncogenesis and parallel new avenues to cancer prevention and treatment using a H⁺-mediated unifying approach: pH-Related and pH-unrelated mechanisms. Critical Reviews in Oncogenesis. (United States of America): 1995. ISSN 0893-9675

PMID: 8573605**Type of production:** Bibliographic review**Position of signature:** 2**Degree of contribution:** Author or co-author of review**Total no. authors:** 5**Source of citations:** SCOPUS**Citations:** 55

- 425** Calvo M.B.; Gascon A.R.; Hernandez R.M.; Gonzalez A.; Pedraz Munoz J.L. IMPLICACIONES DE LA ESTEREOSELECTIVIDAD EN LA ACCION Y DISPOSICION DE LOS MEDICAMENTOS. Farmacia Hospitalaria. (Spain): 1993. ISSN 1130-6343

Type of production: Bibliographic review**Position of signature:** 5**Degree of contribution:** Author or co-author of review**Total no. authors:** 5**Source of citations:** SCOPUS**Citations:** 1

- 426** Calvo B.; Pedraz J.L.; Gascon A.R.; Dominhgueiz-Gil A. VALIDEZ DE LA INVESTIGACION PRECLINICA EN EL DESARROLLO DE NUEVOS ANTIBIOTICOS. ASPECTOS FARMACOCINETICOS. Enfermedades Infecciosas y Microbiología Clínica. (Spain): 1991. ISSN 0213-005X

**PMID:** 1932245**Type of production:** Bibliographic review**Position of signature:** 2**Total no. authors:** 4**Source of citations:** SCOPUS**Degree of contribution:** Author or co-author of review**Citations:** 1

- 427** Calvo M.B.; Pedraz J.L.; Dominguez-Gil A. Pharmacokinetics of dibenzylamine administered in a sustained drug delivery system with cefazolin. *Biopharmaceutics & Drug Disposition*. 1990. ISSN 1099-081X, ISSN 0142-2782

DOI: 10.1002/BDD.2510110907**PMID:** 2271755**Type of production:** Bibliographic review**Position of signature:** 2**Total no. authors:** 3**Source of citations:** SCOPUS**Degree of contribution:** Author or co-author of review**Citations:** 2**Source of citations:** WOS**Citations:** 2

- 428** Tania B. López-Méndez; Miguel Sánchez-Álvarez; Flavia Trionfetti; José L Pedraz; Marco Tripodi; Marco Cordani; Raffaele Strippoli; Juan González-Valdivieso. Correction to: Nanomedicine for autophagy modulation in cancer therapy: a clinical perspective (*Cell & Bioscience*, (2023), 13, 1, (44), 10.1186/s13578-023-00986-9). *Cell and Bioscience*. (United Kingdom): BioMed Central Ltd, 01/12/2023. Available on-line at: <<https://doi.org/10.1186/s13578-023-01057-9>>. ISSN 2045-3701

DOI: 10.1186/S13578-023-01057-9**SCOPUS:** 20232224962**Type of production:** Errata**Position of signature:** 4**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 6.1**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.836**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 1**Source of citations:** WOS**Citations:** 1

- 429** Nuseibah AL Qtaish; Idoia Gallego; Alejandro J. Paredes; Ilia Villate-Beitia; Cristina Soto-Sánchez; Gema Martínez-Navarrete; Myriam Sainz-Ramos; Tania B. Lopez-Mendez; Francisco Javier Chichón; Noelia Zamarreño; Eduardo Fernández; Gustavo Puras; José Luis Pedraz. Erratum: Nanodiamonds Integration into Niosomes as an Emerging and Efficient Gene Therapy Nanoplatform for Central Nervous System Diseases (*ACS Appl. Mater. Interfaces* (2022) 14:11 (13665–13677) DOI: 10.1021/acsami.2c02182). *ACS Applied Materials and Interfaces*. (United States of America): American Chemical Society, 25/01/2023. Available on-line at: <<https://doi.org/10.1021/acsami.2c18984>>. ISSN 1944-8252, ISSN 1944-8244

DOI: 10.1021/ACSAMI.2C18984**PMID:** 36625766**SCOPUS:** 20230233193**Type of production:** Errata**Position of signature:** 13**Total no. authors:** 13**Impact source:** ISI**Impact index in year of publication:** 8.5**Journal in the top 25%:** Yes

**Impact source:** SCOPUS**Impact index in year of publication:** 2.058**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 0**Source of citations:** WOS**Citations:** 0

- 430** Gorka Orive; Mari Carmen Echave; José Luis Pedraz; Nasim Golafshan; Alireza Dolatshahi-Pirouz; Giovanna Paolone; Dwaine Emerich. Advances in cell-laden hydrogels for delivering therapeutics. Expert Opinion on Biological Therapy. (United Kingdom): Taylor and Francis Ltd, 02/12/2019. Available on-line at: <<https://doi.org/10.1080/14712598.2019.1654452>>. ISSN 1744-7682, ISSN 1471-2598

DOI: 10.1080/14712598.2019.1654452**PMID:** 31414944**SCOPUS:** 20192448077**Type of production:** Editorial**Position of signature:** 3**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.224**Journal in the top 25%:** No**Impact source:** SCOPUS**Impact index in year of publication:** 0.917**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 3**Source of citations:** WOS**Citations:** 2

- 431** Laura Saenz del Burgo; Rosa María Hernández; Gorka Orive; Jose Luis Pedraz. Erratum to "Nanotherapeutic approaches for brain cancer management" [Nanomedicine: Nanotechnology, Biology, and Medicine 10 (2014) 905-919], doi:10.1016/j.nano.2013.10.001. Nanomedicine: Nanotechnology, Biology, and Medicine. (United States of America): Elsevier Inc., 01/02/2016. ISSN 1549-9642, ISSN 1549-9634

DOI: 10.1016/J.NANO.2016.02.001**Type of production:** Errata**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 5.72**Journal in the top 25%:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.687**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 1**Source of citations:** WOS**Citations:** 1

- 432** Manoli Igartua; José Luis Pedraz. Topical resiquimod: A promising adjuvant for vaccine development?. Expert Review of Vaccines. (United Kingdom): 02/2010. ISSN 1476-0584, ISSN 1744-8395

DOI: 10.1586/ERV.09.135**Type of production:** Nota**Position of signature:** 2**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 4.145**Journal in the top 25%:** Yes



Impact source: SCOPUS

Impact index in year of publication: 1.482

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 14

Source of citations: WOS

Citations: 12

- 433** José Luis Pedraz; Gorka Orive. Advances in Experimental Medicine and Biology: Preface. Advances in Experimental Medicine and Biology. (United States of America): 2010. ISSN 0065-2598, ISBN 9781441957856

Type of production: Editorial

Position of signature: 1

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 1.379

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.992

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 1

- 434** Zarate J.; Igartua M.; Hernández R.M.; Pedraz J.L. Polymeric materials and formulation technologies for modified-release tablet development. Mini-Reviews in Medicinal Chemistry. (Holland): 12/2009. ISSN 1389-5575

DOI: 10.2174/138955709790361539

PMID: 20205632

Type of production: Estudio Breve

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.971

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.984

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 6

Source of citations: WOS

Citations: 6

- 435** Gorka Orive; Alicia R. Gascón; Rosa M. Hernández; José Luis Pedraz. The search for new β -cell sources. Trends in Biotechnology. (United Kingdom): 01/2005. ISSN 0167-7799

DOI: 10.1016/J.TIBTECH.2004.10.009

PMID: 15542147

Type of production: Estudio Breve

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 8.606

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.824

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 1

Source of citations: WOS

Citations: 1



- 436** Arantxazu Isla; Andrés Canut; Alicia Rodríguez Gascón; José Luis Pedraz. Pharmacokinetics/pharmacodynamics of the 1000/62.5 formulation of amoxicillin/clavulanic acid in odontostomatology [1]. Enfermedades Infecciosas y Microbiología Clínica. (Spain): Ediciones Doyma, S.L., 2005. ISSN 0213-005X

DOI: 10.1157/13076182

PMID: 15970176

Type of production: Carta

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 0.905

Journal in the top 25%: No

Impact source: SCOPUS

Impact index in year of publication: 0.245

Journal in the top 25%: No

Source of citations: SCOPUS

Citations: 5

Source of citations: WOS

Citations: 2

- 437** Orive G.; Reshkin S.J.; Harguindey S.; Pedraz J.L. Hydrogen ion dynamics and the Na⁺/H⁺ exchanger in cancer angiogenesis and antiangiogenesis. British Journal of Cancer. (United Kingdom): 20/10/2003. Available on-line at: <<https://doi.org/10.1038/sj.bjc.6601286>>. ISSN 0007-0920

DOI: 10.1038/SJ.BJC.6601286

PMID: 14562004

Type of production: Estudio Breve

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.894

Journal in the top 25%: Yes

Impact source: SCOPUS

Impact index in year of publication: 1.662

Journal in the top 25%: Yes

Source of citations: SCOPUS

Citations: 39

Source of citations: WOS

Citations: 0

- 438** Harguindey S.; Pedraz J.L.; Canero R.G.; De Diego J.P.; Katin M. Edelfosina, apoptosis y antiportador Na⁺/H⁺: Mecanismos de inducción e implicaciones. Oncología. (Spain): 1997. ISSN 0378-4835

Type of production: Carta

Position of signature: 2

Total no. authors: 5

Source of citations: SCOPUS

Citations: 0

Works submitted to national or international conferences

- 1** **Title of the work:** Printability and Biocompatibility of Fibrillar Collagen Ink

Name of the conference: Congreso SEFIG (16. 2023. Madrid)

Type of event: Conference

City of event: Madrid, Spain

Date of event: 2023

Fátima García Villén; Amaia Guembe; José M. Rey Sáiz; Teresa Zúñiga; Sandra Ruiz Alonso; Laura Saenz del Burgo Martínez; Jesus M. Izco Zaratigui; José Ignacio Recalde Irurzun; José Luis Pedraz Muñoz. En:

XVI Congreso SEFIG (16. 2023. Madrid): Libro de comunicaciones. pp. 161 - 162. (Spain): Sociedad Española de Farmacia Industrial y Galénica, 2023.

DIALNET_ART: 8903292

- 2 Title of the work:** Optimización de biotintas basadas en policaprolactona para la bioimpresión 3D de scaffolds óseos

Name of the conference: Congreso SEFIG (16. 2023. Madrid)

Type of event: Conference

City of event: Madrid, Spain

Date of event: 2023

Fouad Al-Hakim Khalak; Hodei Gómez Fernández; Laura Saenz del Burgo Martínez; José Luis Pedraz Muñoz. En: XVI Congreso SEFIG (16. 2023. Madrid): Libro de comunicaciones. pp. 49 - 50. (Spain): Sociedad Española de Farmacia Industrial y Galénica, 2023.

DIALNET_ART: 8903361

- 3 Title of the work:** Bektore ez-biral lipidikoak garatzeko erabiltzen diren teknikak eta hauen garrantzia etorkizunerako

Name of the conference: Ikergazte. Nazioarteko Ikerketa Euskaraz (5. 2023. Donostia)

Type of event: Conference

City of event: Donostia, Spain

Date of event: 2023

Publication in conference proceedings: Yes

Iván Maldonado Pérez; Jon Zarate Sesma; Gustavo Puras Ochoa; Lucía Enríquez Rodríguez; Idoia Gallego; Mohamed Admed Mashal; Noha Elsayed Attia Hussien; José Luis Pedraz Muñoz. En: Osasun zientziak: V. Ikergazte Nazioarteko Ikerteta Euskaraz. 2023eko maitzaren 17, 18 eta 19 Donostia, Euskal Herria.. pp. 153 - 158. (Spain): Udako Euskal Unibertsitatea, UEU = Universidad Vasca de Verano, 2023. Available on-line at: <<https://dx.doi.org/10.26876/ikergazte.2023.04>>. ISBN 978-84-8438-862-3, ISBN 978-84-8438-866-1

DIALNET_ART: 9328431

- 4 Title of the work:** Gernutik lortutako zelula ama mesenkimalak (hUSC) pseudohipoparatiroidismoaren (PHP)terapia geniko ez-biralerako

Name of the conference: Ikergazte. Nazioarteko Ikerketa Euskaraz (4. 2021. null)

Type of event: Conference

City of event: null, Spain

Date of event: 2021

Publication in conference proceedings: Yes

Yerai Vado Ranero; José Luis Pedraz Muñoz; Guimar Pérez de Nanclares Leal; Jon Zarate Sesma. En: Osasun zientziak: IV. Ikergazte Nazioarteko Ikerteta Euskaraz. 2021eko ekainaren 9, 10 eta . Gasteiz, Euskal Herria.. pp. 61 - 67. (Spain): Udako Euskal Unibertsitatea, UEU = Universidad Vasca de Verano, 2021. Available on-line at: <<https://dx.doi.org/10.26876/ikergazte.2021.04>>. ISBN 978-84-8438-789-3

DIALNET_ART: 9787444

- 5 Title of the work:** Antibióticos nanoencapsulados en el combate contra las infecciones respiratorias por "Pseudomonas aeruginosa"

Name of the conference: Congreso Nacional de Microbiología (25. 2015. Logroño)

Type of event: Conference

City of event: Logroño, Spain

Date of event: 2015

Publication in conference proceedings: Yes

Eulàlia Sans-Serramitjana; Teresa Vinuesa Aumedes; José Luis Pedraz Muñoz; Miguel Viñas Ciordia; Ester Fusté. En: Avances en microbiología. pp. 41 - 43. (Spain): Universidad de La Rioja, 2015. ISBN 978-84-606-8181-6

DIALNET_ART: 5126350

- 6 Title of the work:** Gaixotasun neurodegeneratiboetarako terapia geniko ez-birala, eman bide ez-inbaditzaileak erabiliz

Name of the conference: Ikergazte. Nazioarteko Ikerketa Euskaraz (1. 2015. Durango)

Type of event: Conference

City of event: Durango, Spain

Date of event: 2015

Publication in conference proceedings: Yes

Jose Ignacio Villate Navarro; J. Zárate; G. Puras; M. Agirre; E. Ojeda; José Luis Pedraz Muñoz. En: I. Ikergazte Nazioarteko ikerketa euskaraz. Kongresuko artikulu-bilduma: 2015eko maiatzaren 13, 14 eta 15a. Durango, Euskal Herria. pp. 776 - 783. (Spain): Udako Euskal Unibertsitatea, UEU = Universidad Vasca de Verano, 2015. Available on-line at: <<https://dx.doi.org/10.26876/ikergazte.2015>>. ISBN 978-84-8438-539-4

DIALNET_ART: 9328722

- 7 Title of the work:** Erretinetako gaitzetarako polimero eta lipido kationikoz osatutako medikamendu genetikoen garapen preklinikoa

Name of the conference: II. Materialen Zientzia eta Teknologia Kongresua (2. 2014. Donostia)

Type of event: Conference

City of event: Donostia, Spain

Date of event: 2014

Publication in conference proceedings: Yes

Mireia Agirre Díez; Jon Zarate Sesma; Gustavo Puras Ochoa; E. Ojeda; José Luis Pedraz Muñoz. En: II Materialen Zientzia eta Teknologia Kongresua. pp. 325 - 330. (Spain): Universidad del País Vasco = Euskal Herriko Unibertsitatea, 2014. ISBN 978-84-9082-005-6

DIALNET_ART: 9646567

- 8 Title of the work:** Comparative study of myocardial infarction treatment with or without microencapsulated stem cells in a porcine model.

Name of the conference: 6th European Congress of Pharmacology

Type of event: Conference

City of event: Granada, Spain

Date of event: 2012

End date: 2012

Publication in conference proceedings: Yes

R. G. Gomez-Mauricio; A. Acarregui; F. M. Sanchez-Margallo; D. Celdran; Gallo I; R. M. Hernandez; J. L. Pedraz; G. Orive; M. F. Martin-Cancho. En: PROCEEDINGS OF THE 6TH EUROPEAN CONGRESS OF PHARMACOLOGY. pp. 49 - 54. MEDIMOND S R L, 01/01/2013. ISBN 978-88-7587-670-8

WOS: WOS:000322821600008

- 9 Title of the work:** Purification of alginate encapsulated cells in a 3D printed microfluidic magnetic sorting device

Publication in conference proceedings: Yes

Etxebarria-Elezgarai J.; Espona-Noguera A.; Saez J.; Cañibano-Hernández A.; Orive G.; Hernandez R.M.; Saenz del Burgo L.; Benito-Lopez F.; Ciriza J.; Pedraz J.L.; Basabe-Desmonts L. "Purification of alginate encapsulated cells in a 3D printed microfluidic magnetic sorting device". En: 21st International Conference on Miniaturized Systems for Chemistry and Life Sciences, MicroTAS 2017. pp. 1407 - 1408. (United States of America): Chemical and Biological Microsystems Society, 2020. ISBN 9780692941836

- 10 Title of the work:** Preliminary assesment of the immune reponse to Olea europaea pollen extracts encapsulated into PLGA microspheres
Pedraz J.L.; Igartua M.; Hernandez R.M.; Gutierro I.; Gascon A.R.; Calvo B."Preliminary assesment of the immune reponse to Olea europaea pollen extracts encapsulated into PLGA microspheres". En: Proceedings of the Controlled Release Society. pp. 1132 - 1133. (United States of America): 1999. ISSN 1022-0178
- 11 Title of the work:** Influence of shaking and surfactants on the release of bsa from plga microspheres
Hernández R.M.; Igartua M.; Gascón A.R.; Calvo M.B.; Pedraz J.L."Influence of shaking and surfactants on the release of bsa from plga microspheres". En: European Journal of Drug Metabolism and Pharmacokinetics. Vol. 23 - Num. 2, pp. 92 - 96. (Switzerland): Springer-Verlag France, 1998. ISSN 0378-7966
DOI: 10.1007/BF03189321
- 12 Title of the work:** Long-term immune response in mice following subcutaneous administration of BSA-PLGA microspheres
Pedraz J.L.; Igartua M.; Hernandez R.M.; Esquisabel A.; Gascon A.R.; Calvo B."Long-term immune response in mice following subcutaneous administration of BSA-PLGA microspheres". En: Proceedings of the Controlled Release Society. pp. 879 - 880. (United States of America): 1997. ISSN 1022-0178
- 13 Title of the work:** Influence of pH on the salbutamol enantiomers release
Calvo B.; Solinis M.A.; Lugara S.; Esquisabel A.; Gascon A.R.; Hernandez R.M.; Pedraz J.L."Influence of pH on the salbutamol enantiomers release". En: Proceedings of the Controlled Release Society. pp. 397 - 398. (United States of America): 1997. ISSN 1022-0178
- 14 Title of the work:** Enhancing immunogenicity to PLGA microparticulate systems by incorporation of alginate and RGD-modified alginate
Elena Mata; Manoli Igartua; Manuel E. Patarroyo; José Luis Pedraz; Rosa M. Hernández. "Enhancing immunogenicity to PLGA microparticulate systems by incorporation of alginate and RGD-modified alginate". En: European Journal of Pharmaceutical Sciences. Vol. 44 - Num. 1-2, pp. 32 - 40. (Holland): 18/09/2011. ISSN 0928-0987, ISSN 1879-0720
DOI: 10.1016/J.EJPS.2011.05.015
PMID: 21699977
- 15 Title of the work:** Influence of melting point and HLB on the release of salbutamol sulfate from capsules containing gelucire
Pedraz J.L.; Esquisabel A.; Igartua M.; Hernandez M.; Calvo M.B."Influence of melting point and HLB on the release of salbutamol sulfate from capsules containing gelucire". En: Proceedings of the Controlled Release Society. pp. 768 - 769. (United States of America): 1994. ISSN 1076-0458
- 16 Title of the work:** A lambda carrageenan hydrophilic matrix for constant release of salbutamol sulphate
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