

CV Date

15/03/2025

Part A. PERSONAL INFORMATION

First Name *	Victor		
Family Name *	Sánchez Margalet		
Sex *	Male	Date of Birth *	
ID number Social Security, Passport *		Phone Number *	
URL Web			
Email Address			
Researcher's identification number	Open Researcher and Contributor ID (ORCID) *	0000-0001-8638-8680	
	Researcher ID		
	Scopus Author ID		

* Mandatory

A.1. Current position

Job Title	Facultativo Especialista de Área/ Catedrático Vinculado		
Starting date	2008		
Institution	Hospital Universitario Virgen Macarena/Universidad de Sevilla/nstituto de Biomedicina de Sevilla (IBIS)		
Department / Centre			
Country		Phone Number	
Keywords			

A.3. Education

Degree/Master/PhD	University / Country	Year
DOCTOR EN MEDICINA		

Part B. CV SUMMARY

Education and Training: Graduated in Medicine (1988), Ph.D. from the University of Seville (1991), Specialist in Clinical Biochemistry (1993). Postdoctoral Fellow at UCSF from 1993 to 1994. Visiting Scientist at USC (Los Angeles, CA) for three months in 1995 and three months in 1996. Associate Researcher of the Spanish National Health System (1st call of the Miguel Servet Program). Clinical Biochemist since 1995.

Professional Appointments Full Professor of Biochemistry and Molecular Biology affiliated with Virgen Macarena University Hospital since 2008. President of the Provincial Research Ethics Committee since 2014.

Scientific Metrics and Research; Six research evaluation periods (sexenios). Five teaching evaluation periods (quinquienios). Author of over 200 research articles in the fields of immunometabolism, obesity, and associated pathologies. More than 12,000 citations, h-index: 55, i10-index: 162 (Google Scholar). 8,200 citations and h-index: 47 (WOS). Total reads exceeding 33,000 (ResearchGate). Published 18 book chapters. Included in the 2023 World's Top 2% Scientists List in Biochemistry and Molecular Biology by Stanford University (published in 2024).

Editorial and Research Leadership: Editor of PLoS One, International Journal of Oncology, and World Journal of Diabetes. Principal Investigator (PI) in 26 research projects, 12 of which received national funding, including one public-private collaboration project (INNPACTO call). Collaborating researcher in 9 additional projects, 4 with national funding. Supervisor of 1 Rio Hortega grant, 2 Miguel Servet Program grants, and 1 postdoctoral contract at the University of Seville. Research leader of the PAIDI CTS-151 group (Andalusian Regional Government).

Mentorship and Doctoral TrainingSupervised over 25 doctoral theses, 3 of which received extraordinary awards. Former Ph.D. students include: 2 university professors (1 accredited as a full professor and the other under evaluation).1 vice-dean of the Faculty of Dentistry at the University of Seville.1 principal investigator at an INSERM unit in Toulouse, France.9 hospital specialist practitioners.

Honors and Memberships: Corresponding Member of the Spanish National Academy of Medicine since 2013.

Part C. RELEVANT ACCOMPLISHMENTS

C.1. Publications

AC: corresponding author. (n° x / n° y): position / total authors. If applicable, indicate the number of citations

- 1 **Scientific paper.** 2025. Obesity and overweight in R/R DLBCL patients is associated with a better response to treatment of R2-GDP-GOTEL trial. Potential role of NK CD8+ cells and vitamin D.Cancer & Metabolism. 13-1, pp.12. <https://doi.org/10.1186/s40170-025-00381-7>
- 2 **Scientific paper.** 2025. Leptin and Leptin Signaling in Multiple Sclerosis: A Narrative Review.Neuromolecular Medicine. 27-1, pp.19. <https://doi.org/10.1007/s12017-025-08842-4>.
- 3 **Scientific paper.** 2025. Lipid-lowering drug therapy for reducing cardiovascular risk in diabetes. A clinical view of the Cardiovascular Disease Working Group of the Spanish Diabetes Society.Endocrinol Diabetes Nutr (Engl Ed).72-2, pp.101523. <https://doi.org/10.1016/j.endien.2025.101523>
- 4 **Scientific paper.** 2025. Ketone Bodies Are Potential Prognostic Biomarkers in Relapsed/Refractory Diffuse Large B-Cell Lymphoma: Results from the R2-GDP-GOTEL Trial.Cancers. <https://doi.org/10.3390/cancers17030532>
- 5 **Scientific paper.** 2025. Simplified acid extraction and quantification of histones in human tumor cells.Methods in Cell Biology. 191-1-14. <https://doi.org/10.1016/bs.mcb.2024.10.002>.
- 6 **Scientific paper.** 2025. Role of Sam68 in different types of cancer (Review).International Journal of Molecular Medicine. 55-1. <https://doi.org/10.3892/ijmm.2024.5444>. Epub 2024 Oct 25.
- 7 **Scientific paper.** 2024. Flow cytometry analysis of myeloid derived suppressor cells using 6 color labeling.Methods in Cell Biology. 190, pp.1-10. <https://doi.org/10.1016/bs.mcb.2024.08.006>
- 8 **Scientific paper.** 2024. Neutropenia and Felty Syndrome in the Twenty-First Century: Redefining Ancient Concepts in Rheumatoid Arthritis Patients. R. Journal of Clinical Medicine. 13-24, pp.7677. <https://doi.org/10.3390/jcm13247677>.
- 9 **Scientific paper.** 2024. Role of Nutrients Regulating Myeloid Derived Suppressor Cells in Cancer: A Scoping Review.Current Issues in Molecular Biology.46-9. <https://doi.org/10.3390/cimb46090549>.
- 10 **Scientific paper.** 2024. Impact of obesity-associated myeloid-derived suppressor cells on cancer risk and progression (Review). International Journal of Oncology. 65-2, pp.79. <https://doi.org/10.3892/ijo.2024.5667>
- 11 **Scientific paper.** 2024. The Expression of Genes Related to Reverse Cholesterol Transport and Leptin Receptor Pathways in Peripheral Blood Mononuclear Cells Are Decreased in Morbid Obesity and Related to Liver Function.International Journal of Molecular Sciences. Mdpi. 25-14, pp.7549. <https://doi.org/10.3390/ijms25147549>.
- 12 **Scientific paper.** 2024. Placental apoptosis increased by hypoxia inducible Factor-1 stabilization is counteracted by leptin.Biology of Reproduction. <https://doi.org/10.1093/biolre/ioae095>

- 13 **Scientific paper.** 2024. Increasing the complexity of lipoprotein characterization for cardiovascular risk in type 2 diabetes. European Journal of Clinical Investigation. e14214. <https://doi.org/10.1111/eci.14214>
- 14 **Scientific paper.** 2024. CD8+ NKs as a potential biomarker of complete response and survival with enalidomide plus R-GDP in the R2-GDPGOTEL trial in recurrent/refractory diffuse large B cell lymphoma. Frontiers in Immunology. 14. <https://doi.org/10.3389/fimmu.2024.1293931>
- 15 **Scientific paper.** 2024. Role of Leptin in Obesity, Cardiovascular Disease, and Type 2 Diabetes. International Journal of Molecular Sciences. MDPI. 25-4, pp.2338. <https://doi.org/10.3390/ijms25042338>
- 16 **Scientific paper.** 2024. Tissue-specific early and late activated lymphocytes immunophenotype in chronic rhinosinusitis with nasal polyps. International Forum of Allergy & Rhinology. Wiley. <https://doi.org/10.1002/alr.23327>
- 17 **Scientific paper.** 2024. Cancer Nano-Immunotherapy: The Novel and Promising Weapon to Fight Cancer. International Journal of Molecular Sciences. MDPI. 25-2.
- 18 **Scientific paper.** 2024. Dendritic cells: the yin and yang in disease progression. Frontiers in Immunology. Frontiers. 14-1321051. <https://doi.org/10.3389/fimmu.2023.1321051>. eCollection 202
- 19 **Scientific paper.** 2023. Circulating myeloid-derived suppressor cells may be a useful biomarker in the follow-up of unvaccinated COVID-19 patients after hospitalization. Frontiers in Immunology. Frontiers. 14-1266659. <https://doi.org/10.3389/fimmu.2023.1266659>. eCollection 2023
- 20 **Scientific paper.** 2023. Expression of nutrient transporters in placentas affected by gestational diabetes: role of leptin. Frontiers in Endocrinology. Frontiers. 14-14:1172831. <https://doi.org/10.3389/fendo.2023.1172831>. eCollection 2023.
- 21 **Scientific paper.** 2023. Knowing the myeloid-derived suppressor cells: Another enemy of sarcomas patients. Int Rev Cell Mol Biol. <https://doi.org/10.1016/bs.ircmb.2022.11.003>
- 22 **Scientific paper.** 2023. Transcriptional analysis of nasal polyps fibroblasts reveals a new source of pro-inflammatory signaling in CRSwNP. Rhinology. 61-2. <https://doi.org/10.4193/Rhin22.309>.
- 23 **Scientific paper.** 2023. Human amniotic epithelial stem cells: Hepatic differentiation and regenerative properties in liver disease treatment. Placenta. 134. <https://doi.org/10.1016/j.placenta.2023.02.013>
- 24 **Scientific paper.** 2023. Defining the Emergence of New Immunotherapy Approaches in Breast Cancer: Role of Myeloid-Derived Suppressor Cells. International Journal of Molecular Science. 24-6. <https://doi.org/10.3390/ijms24065208>
- 25 **Scientific paper.** 2023. Treatment of hypertriglyceridaemia with icosapent ethyl in patients with high/very high cardiovascular risk. Consensus document of the Sociedad Española de Cardiología [Spanish Society of Cardiology] and the Sociedad Española de Diabetes [Spanish Diabetes Society]. Endocrinol Diabetes Nutr (Engl Ed). 70. <https://doi.org/10.1016/j.endien.2022.11.009>. Epub 2022 Nov 17.
- 26 **Scientific paper.** 2023. Role of Leptin as a Link between Asthma and Obesity: A Systematic Review and Meta-Analysis. International Journal of Molecular Sciences. 24-1. <https://doi.org/10.3390/ijms24010546>
- 27 **Scientific paper.** 2023. Tissue-specific Activated Regulatory Lymphocytes Immunophenotype in Chronic Rhinosinusitis with Nasal Polyps. Arch Bronconeumol. 6. <https://doi.org/10.1016/j.arbres.2022.12.013>
- 28 **Scientific paper.** 2022. Obesity and Risk for Lymphoma: Possible Role of Leptin. International Journal of Molecular Sciences. 23-24. <https://doi.org/10.3390/ijms232415530>
- 29 **Scientific paper.** 2022. Pembrolizumab in combination with gemcitabine for patients with HER2-negative advanced breast cancer: GEICAM/2015-04 (PANGAEA-Breast) study. BMC Cancer. 22-1. <https://doi.org/10.1186/s12885-022-10363-3>
- 30 **Scientific paper.** 2022. The effects of dendritic cell-based vaccines in the tumor microenvironment: Impact on myeloid-derived suppressor cells. Frontiers in Immunology. 13. <https://doi.org/10.3389/fimmu.2022.1050484>. eCollection 2022

- 31 **Scientific paper.** 2022. Ewing Sarcoma Meets Epigenetics, Immunology and Nanomedicine: Moving Forward into Novel Therapeutic Strategies. *Cancers*. 14-21. <https://doi.org/10.3390/cancers14215473>.
- 32 **Scientific paper.** 2022. Myeloid-derived suppressor cells and vaccination against pathogens. *Front Cell Infect Microbiol*. 12.
- 33 **Scientific paper.** 2022. Decreased Expression of Sam68 Is Associated with Insulin Resistance in Granulosa Cells from PCOS Patients. *Cells*. <https://doi.org/10.3390/cells11182821>
- 34 **Scientific paper.** 2022. Lenalidomide plus R-GDP (R2-GDP) in Relapsed/Refractory Diffuse Large B-Cell Lymphoma: Final Results of the R2-GDP-GOTEL Trial and Immune Biomarker Subanalysis. *Clinical Cancer Research*. 28-17. <https://doi.org/10.1158/1078-0432.CCR-22-0588>
- 35 **Scientific paper.** 2022. Obesity as a Risk Factor for Dementia and Alzheimer's Disease: The Role of Leptin. *International Journal of Molecular Sciences*. 239. <https://doi.org/10.3390/ijms23095202>
- 36 **Scientific paper.** 2022. Tumor Immune Microenvironment in Lymphoma: Focus on Epigenetics. *Cancers*. 14-6, pp.1469. <https://doi.org/10.3390/cancers14061469>
- 37 **Scientific paper.** 2022. Leptin in Dental Pulp and Periapical Tissues: A Narrative Review. *International Journal of Molecular Sciences*. 23-4, pp.1984. <https://doi.org/10.3390/ijms23041984>
- 38 **Scientific paper.** 2022. Evaluation of health outcomes after the implementation of rotational thromboelastometry in patients undergoing cardiac surgery. *Scandinavian Journal of Clinical Laboratory Investigation*. pp.1. <https://doi.org/10.1080/00365513.2022.2034038>.
- 39 **Scientific paper.** 2022. Low Levels of Granulocytic Myeloid-Derived Suppressor Cells May Be a Good Marker of Survival in the Follow-Up of Patients With Severe COVID-19. *Frontiers in Immunology*. 12. <https://doi.org/10.3389/fimmu.2021.801410>. [eCollection 2021](#)
- 40 **Scientific paper.** 2021. Nutrients and Dietary Approaches in Patients with Type 2 Diabetes Mellitus and Cardiovascular Disease: A Narrative Review. *Nutrients*. 13-11, pp.4150. <https://doi.org/10.3390/nu13114150>
- 41 **Scientific paper.** 2021. Increased Blood Monocytic Myeloid Derived Suppressor Cells but Low Regulatory T Lymphocytes in Patients with Mild COVID-19. *Viral Immunology*. 34-9, pp.639-645. <https://doi.org/10.1089/vim.2021.0044>
- 42 **Scientific paper.** 2021. Possible Role of Leptin in Atopic Dermatitis: A Literature Review. *Biomolecules*. 11-11, pp.1642. <https://doi.org/10.3390/biom11111642>
- 43 **Scientific paper.** 2021. Pembrolizumab Plus Gemcitabine in the Subset of Triple-Negative Advanced Breast Cancer Patients in the GEICAM/2015-04 (PANGAEA-Breast) Study. *Cancers*. 13-21, pp.5432. <https://doi.org/10.3390/cancers13215432>
- 44 **Scientific paper.** 2021. Lower Survival and Increased Circulating Suppressor Cells in Patients with Relapsed/Refractory Diffuse Large B-Cell Lymphoma with Deficit of Vitamin D Levels Using R-GDP Plus Lenalidomide (R2-GDP): Results from the R2-GDP-GOTEL Trial. *Cancers*. 13-18, pp.4611. <https://doi.org/10.3390/cancers13184622>
- 45 **Scientific paper.** 2021. Circulating immune biomarkers in peripheral blood correlate with clinical outcomes in advanced breast cancer. *Scientific Reports*. <https://doi.org/10.1038/s41598-021-96901-8>
- 46 **Scientific paper.** 2021. Circulating myeloid-derived suppressor cells and regulatory T cells as immunological biomarkers in refractory/relapsed diffuse large B-cell lymphoma: translational results from the R2-GDP-GOTEL trial. *Journal of Immunotherapy of Cancer*. <https://doi.org/10.1136/jitc-2020-002323>
- 47 **Scientific paper.** 2021. Development and validation of a laboratory-based risk score to predict the occurrence of critical illness in hospitalized patients with COVID-19. *Scand J Clin Lab Invest*. <https://doi.org/10.1080/00365513.2020.1847313>
- 48 **Scientific paper.** 2021. Role of Leptin in Non-Alcoholic Fatty Liver Disease. *Biomedicines*. <https://doi.org/10.3390/biomedicines9070762>.
- 49 **Scientific paper.** 2021. Leptin, Both Bad and Good Actor in Cancer. *Biomolecules*. 11-6, pp.913. <https://doi.org/10.3390/biom11060913>

- 50 **Scientific paper.** 2021. Stem cells and COVID-19: are the human amniotic cells a new hope for therapies against the SARS-CoV-2 virus?. Stem Cell Research and Therapy. <https://doi.org/10.1186/s13287-021-02216-w>
- 51 **Scientific paper.** 2020. Nutritional modulation of leptin expression and leptin action in obesity and obesity-associated complications. Journal of Nutritional Biochemistry. 89, pp.108561. <https://doi.org/10.1016/j.jnutbio.2020.108561>
- 52 **Scientific paper.** 2020. Crosstalk between estradiol and NFκB signaling pathways on placental leptin expression. Reproduction. 160-4, pp.591-602. <https://doi.org/10.1530/REP-20-0142>
- 53 **Scientific paper.** 2020. Involvement of leptin in the molecular physiology of the placenta. Reproduction. 155, pp.1-12. <https://doi.org/10.1530/REP-20-0142>
- 54 **Scientific paper.** 2020. Role of Leptin in Inflammation and Vice Versa. International Journal of Medical Sciences. 21-16, pp.5887. <https://doi.org/10.3390/ijms21165887>
- 55 **Scientific paper.** 2020. Leptin and Nutrition in Gestational Diabetes. Nutrients. 12-7, pp.1970. <https://doi.org/10.3390/nu12071970>
- 56 **Scientific paper.** 2020. Aquaporins and placenta. Vitamins and Hormones. 112, pp.311-326. <https://doi.org/10.1016/bs.vh.2019.10.003>
- 57 **Scientific paper.** 2020. Postprandial triglyceride-rich lipoproteins promote M1/M2 microglia polarization in a fatty-acid-dependent manner. Journal of Nutritional Biochemistry. 108248.-6. <https://doi.org/10.1016/j.jnutbio.2019.108248>
- 58 **Scientific paper.** 2020. Sam68 mediates the leptin signaling and action in human granulosa cells: possible role in leptin resistance in PCOS. Endocrine Connections. Accepted. <https://doi.org/10.1530/EC-20-0062>
- 59 **Scientific paper.** 2019. Circulating regulatory T cells from breast cancer patients in response to neoadjuvant chemotherapy. TRANSLATIONAL CANCER RESEARCH. 8-1, pp.59-65. <https://doi.org/10.21037/tcr.2018.12.30>
- 60 **Scientific paper.** 2019. Automated urinalysis combining physicochemical analysis, on-board centrifugation, and digital imaging in one system: A multicenter performance evaluation of the cobas 6500 urine work area. Practice Laboratory Medicine. 17:e00139. <https://doi.org/10.1016/j.plabm.2019.e00139>. eCollection 2019 Nov.
- 61 **Scientific paper.** 2019. Human amniotic membrane conditioned medium inhibits proliferation and modulates related microRNAs expression in hepatocarcinoma cells. Scientific Reports. 9-1. <https://doi.org/10.1038/s41598-019-50648-5>
- 62 **Scientific paper.** 2019. Leptin protects placental cells from apoptosis induced by acidic stress. Cell and Tissue Research. 375-3, pp.733-742. <https://doi.org/10.1007/s00441-018-2940-9>
- 63 **Scientific paper.** 2019. Leptin stimulates DMP-1 and DSPP expression in human dental pulp via MAPK 1/3 and PI3K signaling pathways. Archives of Oral Biology. 98, pp.126-131. <https://doi.org/10.1016/j.archoralbio.2018.11.019>
- 64 **Scientific paper.** 2019. New horizons in breast cancer: the promise of immunotherapy. Clinical Translational Oncology. 21-2, pp.117-125. <https://doi.org/10.1007/s12094-018-1907-3>
- 65 **Scientific paper.** 2019. Obesity and Breast Cancer: Role of Leptin. Frontiers in Oncology. ;9:596.. <https://doi.org/10.3389/fonc.2019.00596>. eCollection 2019
- 66 **Scientific paper.** 2019. Screening for Gestational Diabetes Mellitus by Measuring Glycated Hemoglobin Can Reduce the Use of the Glucose Challenge Test. Annals Laboratory Medicine. 39-6, pp.524-529. <https://doi.org/10.3343/alm.2019.39.6.524>
- 67 **Scientific paper.** 2018. Diabetes mellitus and cardiovascular risk: Update of the recommendations of the Diabetes and Cardiovascular Disease working group of the Spanish Diabetes Society (SED, 2018). Clínica e Investigación en Arteriosclerosis. 30-3, pp.137-153. <https://doi.org/10.1016/j.arteri.2018.03.002>
- 68 **Scientific paper.** 2018. Fasting Glycemia as Screening Tool to Rule-Out Gestational Diabetes in Low-Risk Population. Clinical Laboratory. 64-4, pp.461-465. <https://doi.org/10.7754/Clin.Lab.2017.170920>
- 69 **Scientific paper.** Malena Schanton; Julieta Maymó; Antonio Pérez Pérez; Víctor Sánchez Margalet; Cecilia Varone. 2018. Involvement of leptin in the molecular physiology of the placenta. Reproduction. 155, pp.1-12. <https://doi.org/10.1530/REP-17-0512>

- 70 Scientific paper.** Antonio Pérez Pérez; Ayelén Toro; Teresa Vilariño García; et al; Victor Sanchez Margalet. 2018. Leptin action in normal and pathological pregnancies. *Journal Of Cellular and Molecular Medicine*. doi: 10.1111/jcmm.13369. 22-2, pp.716-727. <https://doi.org/10.1111/jcmm.13369>
- 71 Scientific paper.** 2018. Leptin protects placental cells from apoptosis induced by acidic stress. *Cell and Tissue Research*. doi: 10.1007/s00441-18-02940-9. <https://doi.org/10.1007/s00441-18-02940-9>
- 72 Scientific paper.** Teresa Vilariño García; Antonio Pérez Pérez; Valeria Dietrich; Pilar Guadix; José Luis Dueñas; Alicia Damiano; Cecilia Varone; Victor Sánchez Margalet. 2018. Leptin upregulates aquaporin 9 expression in human placenta in vitro. *Gynecological Endocrinology*. 34-2, pp.175-177. <https://doi.org/10.1080/09513590.2017.1380184>.
- 73 Scientific paper.** 2018. New horizons in breast cancer: the promise of immunotherapy. *Clinical and Translational Oncology*. doi: 10.1007/s12094-018-01907-3. <https://doi.org/10.1007/s12094-018-01907-3>
- 74 Scientific paper.** Malena Schanton; Antonio Pérez Pérez; Yésica Gambino; Bernardo Makin; Víctor Sánchez Margalet; Cecilia Varone. 2018. Placental leptin expression is mediated by NF- κ B signaling. *Placenta*. doi: 10.1016/j.placenta.2017.07.005. 62, pp.79. <https://doi.org/10.1016/j.placenta.2017.12.007>.
- 75 Scientific paper.** Julieta Maymó; Rodrigo Riedel; Antonio Pérez Pérez; et al; Cecilia Varone. 2018. Proliferation and survival of human amniotic epithelial cells during their hepatic differentiation. *PLoS One*. 13-1, pp.e0191489. <https://doi.org/10.1371/journal.pone.0191489>. eCollection 2018
- 76 Scientific paper.** 2017. Breast Cancer Immunology and Immunotherapy: Current Status and Future Perspectives. *Int Rev Cel Mol Bio*. doi: 10.1016/bs.ircmb.2016.09.008. 331, pp.1-53.
- 77 Scientific paper.** Patricia Fernández Riejos; ; Maria Toro Crespo; José María Maesa Márquez; Víctor Sánchez Margalet; Concepción González Rodríguez. 2017. Comparison of Citrate Buffer with Sodium Fluoride as Additives in Determining Glycemia. *Clinical Laboratory*. 63-11, pp.1939-1944.
- 78 Scientific paper.** 2017. Role of leptin as a link between metabolism and the immune system. *Cytokine Growth Factor Rev*. doi: 10.1016/j.cytogfr.2017.03.001. S1359-6101(16)30163--S1359-6101(16)30163-, pp.S1359-6101(16)30163-0.-S1359-6101(16)30163-0..
- 79 Scientific paper.** Malena Schanton; Julieta Maymó; Antonio Pérez Pérez; et al;. 2017. Sp1 transcription factor is a modulator of estradiol leptin induction in placental cells. *Placenta*. 57, pp.152-162.
- 80 Scientific paper.** Vilariño-García T; Pérez-Pérez A; Dietrich V; et al; Sánchez-Margalet V. 2016. Increased Expression of Aquaporin 9 in Trophoblast From Gestational Diabetic Patients. *Hormone and Metabolic Research*. Epubmed.
- 81 Scientific paper.** Pérez-Pérez A; Guadix P; Maymó J; Dueñas JL; Varone C; Fernández-Sánchez M; Sánchez-Margalet V. 2016. Insulin and Leptin Signaling in Placenta from Gestational Diabetic Subjects. *Hormone and Metabolic Research*. 48-1, pp.62-69.
- 82 Scientific paper.** Antonio Pérez-Pérez; Ayelen R. Toro; Teresa Vilariño-García; Pilar Guadix; Julieta L. Maymó; José L. Dueñas; Cecilia L. Varone; Víctor Sánchez-Margalet. 2016. Leptin reduces apoptosis triggered by high temperature in human placental villous explants: The role of the p53 pathway. *Placenta*. doi: 10.1016/j.placenta.2016.03.009. 42, pp.106-113.
- 83 Scientific paper.** 2016. Sam68 Mediates the Activation of Insulin and Leptin Signalling in Breast Cancer Cells. *PLoS One*. 11(7)-:e0158218., pp.:e0158218.-:e0158218..
- 84 Scientific paper.** 2016. Sam68 mediates the activation of insulin and leptin signalling in breast cancer cells. *PLoS One*. doi: 10.1371/journal.pone.0158218.
- 85 Scientific paper.** 2016. [Diabetes mellitus and cardiovascular risk: Working group recommendations of Diabetes and Cardiovascular Disease of the Spanish Society of Diabetes (SED, 2015)]. *Atención Primaria*. 48-5, pp.325-336.

- 86 **Scientific paper.** Arrieta F; Iglesias P; Pedro-Botet J; et al; Escobar-Jiménez F. 2015. Diabetes mellitus and cardiovascular risk: Working group recommendations of Diabetes and Cardiovascular Disease of the Spanish Society of Diabetes (SED, 2015)]. *Atención Primaria*. 212-15, pp.161-164.
- 87 **Scientific paper.** Sánchez-Mora C; S Rodríguez-Oliva M; Fernández-Riejós P; Mateo J; Polo-Padillo J; Goberna R; Sánchez-Margalet V. 2015. Evaluation of a HbA1c point-of-care analyzer. *Clin Biochem*. doi: 10.1016/j.clinbiochem.2015.03.016.. 48-10-11, pp.686-689.
- 88 **Scientific paper.** Martín-González J; Carmona-Fernández A; Pérez-Pérez A; Sánchez-Jiménez F; Sánchez-Margalet V; Segura-Egea JJ. 2015. Expression and immunohistochemical localization of leptin in human periapical granulomas. *Med Oral Patol Oral Cir Bucal*. 20-3, pp.e334-9.
- 89 **Scientific paper.** Martín-González J; Carmona-Fernández A; Pérez-Pérez A; Sánchez-Jiménez F; Sánchez-Margalet V; Segura-Egea JJ. 2015. Expression and immunohistochemical localization of leptin receptor in human periapical granuloma. *Int Endod J*. doi: 10.1111/iej.12356. 48-6, pp.611-618.
- 90 **Scientific paper.** Vilariño-García T; Pérez-Pérez A; Dietrich V; et al; Sánchez-Margalet V. 2015. Increased Expression of Aquaporin 9 in Trophoblast From Gestational Diabetic Patients. *Hormone and Metabolic Research*. Epub.
- 91 **Scientific paper.** Barrientos G; Toro A; Moschansky P; et al; Varone CL. 2015. Leptin promotes HLA-G expression on placental trophoblasts via the MEK/Erk and PI3K signaling pathways. *Placenta*. 36-4, pp.419-426.
- 92 **Scientific paper.** Martín-González J; Pérez-Pérez A; Sánchez-Jiménez F; Díaz-Parrado EM; de Miguel M; Sánchez-Margalet V; Segura-Egea JJ. 2015. Leptin promotes dentin sialophosphoprotein expression in human dental pulp. *Journal of Endodontics*. doi: 10.1016/j.joen.2014.11.026. 41-4, pp.487-492.
- 93 **Scientific paper.** Toro AR; Pérez-Pérez A; Corrales Gutiérrez I; Sánchez-Margalet V; Varone CL. 2015. Mechanisms involved in p53 downregulation by leptin in trophoblastic cells. *Placenta*. doi: 10.1016/j.placenta.2015.08.017. 36-11, pp.1266-1275.
- 94 **Scientific paper.** Pérez-Pérez A; Sánchez-Jiménez F; Maymó J; Dueñas JL; Varone CL; Sánchez-Margalet V. 2015. Role of leptin in female reproduction. *Clinical Chemistry and Laboratory Medicine*. doi: 10.1515/cclm-2014-0387. 53-1, pp.15-28.
- 95 **Scientific paper.** Arrieta F; Iglesias P; Pedro-Botet J; et al; Escobar-Jiménez F. 2015. [Diabetes mellitus and cardiovascular risk: Working group recommendations of Diabetes and Cardiovascular Disease of the Spanish Society of Diabetes (SED, 2015)]. *Clinica e Investigación en Arteriosclerosis*. 27-4, pp.181-192.
- 96 **Scientific paper.** Toro AR; Maymó JL; Ibarbalz FM; Pérez-Pérez A; Maskin B; Faletti AG; Sánchez-Margalet V; Varone CL. 2014. Leptin is an anti-apoptotic effector in placental cells involving p53 downregulation. *PLOS One*. doi: 10.1371/journal.pone.0099187. 9-6, pp.e99187.
- 97 **Scientific paper.** Sánchez-Jiménez F; Sánchez-Margalet V. 2013. Role of Sam68 in post-transcriptional gene regulation. *International Journal of Molecular Sciences*. 14-12, pp.23402-23419.
- 98 **Scientific paper.** Pérez-pérez, A; Maymó, JI; Gambino, Yp; Guadix, P; Dueñas-Díez, José Luis; Sánchez-Margalet, Victor. 2013. Activated translation signaling in placenta from pregnant women with gestational diabetes mellitus: possible role of leptin. *Hormone and metabolic research*. 45-6, pp.436-442.
- 99 **Scientific paper.** Pérez-pérez, A; Maymó, J; Gambino, Y; Guadix, P; Dueñas-Díez, José Luis; Sánchez-Margalet, Victor. 2013. Insulin enhances leptin expression in human trophoblastic cells. *Biology of reproduction*.
- 100 **Scientific paper.** Martín-González J; Sánchez-Jiménez F; Pérez-Pérez A; Carmona-Fernández A; Sánchez-Margalet V; Segura-Egea JJ. 2013. Leptin expression in healthy and inflamed human dental pulp. *International Endodontic Journal*. 46-5, pp.442-448.
- 101 **Scientific paper.** Martín-González J; Pérez-Pérez A; Sánchez-Jiménez F; Carmona-Fernández A; Torres-Lagares D; Sánchez-Margalet V; Segura-Egea JJ. 2013. Leptin receptor is up-regulated in inflamed human dental pulp. *Journal of Endodontics*. 39-12, pp.1567-1571.

102 Scientific paper. Luis de la Cruz-Merino; Antonio Barco-Sánchez; Fernando Henao Carrasco; et al; José Ibáñez Martínez. 2013. New insights into the role of the immune microenvironment in breast carcinoma. Clinica and Developmental Immunology. 2013;2013:785317.

C.3. Research projects and contracts

- 1 **Project.** "Regulación Inmunometabólica por la Leptina del eje Células Dendríticas-Células iNKT, y su Posible Papel en la Diabetes Gestacional. (Hospital Universitario Virgen Macarena). 04/10/2021-03/11/2023.
- 2 **Project.** PI19/01741, Papel de la leptina en el transporte placentario y su implicación en la diabetes gestacional. ISCIII. (Hospital Universitario Virgen Macarena). 02/01/2020-30/12/2022. 75.020 €.
- 3 **Project.** Papel de miARNs en la expresión de genes alterada en la granulosa de mujeres con ovario poliquístico. Instituto de Salud Carlos III. Victor Sanchez Margalet. (Hospital Universitario Virgen Macarena). 01/01/2016-31/12/2018. 56.265 €.
- 4 **Project.** Análisis del perfil de respuesta inmune en sangre periférica inducido por tratamiento sistémico en el carcinoma de mama avanzado. Consejería de Salud de la Junta de Andalucía. Luis de la Cruz Merino. (Hospital Universitario Virgen Macarena). 01/08/2015-31/12/2018. 30.000 €.
- 5 **Project.** Papel de Sam68, una proteína de unión a ARN, en la señal de la leptina y la insulina en células de la granulosa. Implicación en el síndrome de ovario poliquístico. ISCIII. VICTOR SÁNCHEZ MARGALET. From 01/11/2012.
- 6 **Project.** Investigación sobre nuevos marcadores de valoración embrionaria. MINISTERIO DE CIENCIA E INNOVACIÓN. VICTOR SÁNCHEZ MARGALET. From 01/02/2012.
- 7 **Project.** Niveles de leptina y cambios en la morfología del preembrión antes de la implantación.. Instituto Valenciano de Infertilidad/ Fundación Universidad de Sevilla. VICTOR SÁNCHEZ MARGALET. From 01/02/2011. 12.000 €.
- 8 **Project.** Estudio de la posible implicación de Sam68 y el receptor de insulina en el cáncer de mama no familiar. Real Maestranza Sevilla. VICTOR SÁNCHEZ MARGALET. From 01/01/2010. 48.000 €.
- 9 **Project.** PAPEL DE LA LEPTINA EN LA PLACENTA NORMAL Y EN LA DIABETES GESTACIONAL. FONDO DE INVESTIGACIÓN SANITARIA (FIS), MINISTERIO DE CIENCIA E INNOVACIÓN. VICTOR SÁNCHEZ MARGALET. From 01/01/2010. 74.415 €.
- 10 **Project.** ACCIÓN CONTRARREGULADORA DE LA INSULINA DEL PÉPTIDO DERIVADO DE CROMOGRANINA A, PANCREASTATINA, Y SUS VARIANTES NATURALES SOBRE ADIPOCITOS HUMANOS. EFECTO SOBRE LA DIFERENCIACIÓN DEL ADIPOCITO.. PROYECTOS DE EXCELENCIA, JUNTA DE ANDALUCÍA. From 01/01/2009. 65.400 €.
- 11 **Project.** Estudio de la dimerización de sam68 y su regulación por el receptor de insulina mediante la técnica de BRET. Ministerio de Ciencia y Tecnología. CARMEN GONZÁLEZ YANES. From 01/01/2009. 75.000 €.
- 12 **Project.** Estudio de la localización celular del complejo de señalización IR/Sam68 mediante la técnica de BRET Investigador colaborador. CONSEJERÍA DE SALUD DE LA JUNTA DE ANDALUCÍA. CARMEN GONZÁLEZ YANES. From 01/01/2009. 37.000 €.
- 13 **Project.** ACCIÓN DE LA LEPTINA EN CELULAS PLACENTARIAS. MECANISMOS DE TRANSDUCCIÓN DE SEÑALES INVOLUCRADOS. OTROS PROGRAMAS DE LA AGENCIA ESPAÑOLA DEL COOPERACIÓN INTERNACIONAL (AECI) , MINISTERIO DE ASUNTOS EXTERIORES Y COOPERACIÓN. VICTOR SÁNCHEZ MARGALET. From 01/01/2007. 5.000 €.
- 14 **Project.** PAPEL DE LA PROTEÍNA SAM68 EN LA PROLIFERACIÓN DE PREADIPOCITOS Y LA DIFERENCIACIÓN DEL ADIPOCITO. OTROS PROGRAMAS, JUNTA DE ANDALUCÍA. CARMEN GONZÁLEZ YANES. From 01/01/2007. 49.000 €.
- 15 **Project.** ACCIÓN TRÓFICA DE LA LEPTINA EN CÉLULAS DE, PLACENTA HUMANAS Y VÍAS DE SEÑALIZACIÓN CELULAR. OTROS PROGRAMAS, JUNTA DE ANDALUCÍA. JOSÉ LUIS DUEÑAS DÍEZ. From 01/12/2006. 12.750 €.