



## **Javier Conde Aranda**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

I obtained my PhD from the University of Santiago de Compostela in March 2015, working in Dr. Gualillo's laboratory at the Health Institute of Santiago de Compostela (IDIS) (funded by the predoctoral contract of IDIS), studying the relationship between white adipose tissue and the development of joint inflammatory diseases. Thus, during my PhD, I laid the foundations of my cellular and molecular knowledge and I had the opportunity to make a stay at the William Harvey Research Institute (UK) to learn how to induce an inflammation animal model. After that, I started my first three-year postdoc (funded by Sara Borrell) at the Cancer Research Center-University of Salamanca under the supervision of Dr. Bustelo. During that stay, I gained valuable expertise in molecular and cellular biology, animal experimentation and high-throughput technologies. Definitely, that stay improved my scientific skills and made me a better researcher because of the complexity of the projects that my colleagues and I performed in the lab and the high level of scientific discussion. At the end of 2018, I got the ECCO Fellowship, which allowed me to start a second postdoc in January 2019 under the supervision of Dr. Scharl at the University Hospital Zurich-University of Zurich. In that last post-doctoral stay, I focused on the study of inflammatory bowel disease (IBD) and I gained great expertise from an international highly competitive research group in that field. After that, in 2020 I rejoined the IDIS (funded by the Miguel Servet Program), where I lead my research group on the IBD field, which led me to develop a new research line and my leadership capabilities. Since then, I obtained continuous funding from the Health Institute Carlos III "Proyectos de I+D+I en Salud", Xunta de Galicia "Proyectos de Excelencia" or Biotech Companies "SunRock Biopharma S.L", which allowed me to set up, from scratch, an independent laboratory in the IDIS.

I have a solid scientific production (61 JRC articles, 2867 citations), H-index=27, with a considerable percentage of my publications with international partners. I had collaborations with different countries such as Algeria, The Netherlands, Germany, Finland, Italy or Brazil.

I am an experienced supervisor (3 PhD (ongoing), 2 MSc, 2 final-degree (2 ongoing) and 7 students in external work experience and I have accumulated around 700 hours of teaching. Moreover, I obtained the certificate of the "Programa I3" in 2022. I have been accredited to be a "Professor hired doctor", "Professor assistant doctor", and "Professor of Private University" in 2023

I am Associate Editor of Cells and Frontiers in Physiology and I regularly review manuscripts for many international journals, most of them Q1.

I am a project evaluator at the Health Institute Carlos III, as well as a project evaluator and member of the scientific committee of the Grupo Español de Trabajo en Enfermedad de Crohn y Colitis Ulcerosa (GETECCU).

I was one of the recipients of one human resources contract from the "Programa Investigo (TR 349V)" (Xunta de Galicia) that was obtained by the Health Research Institute of Santiago de Compostela to hire young researchers.

Throughout my career I have proved as capable of working at the interphase of several disciplines, establishing many cross-field collaborations.



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

H-index 27

**Javier Conde Aranda**

Surname(s): **Conde Aranda**  
 Name: **Javier**  
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 ORCID: **0000-0002-2187-479X**  
 ResearcherID: **P-5537-2015**  
 Date of birth: **12/09/1984**  
 Gender: **Male**  
 Nationality: **Spain**  
 Country of birth: **United Kingdom**  
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 Contact address: **Travesía Choupana s/n University Clinical Hospital, Building C, Floor -2, LAB 15**  
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 Contact aut. region/reg.: **Galicia**  
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**Current professional situation**

**Employing entity:** Fundación Instituto de Investigación Sanitaria de Santiago de Compostela (FIDIS) **Type of entity:** Foundation  
**Department:** Molecular and Cellular Gastroenterology, Health Research Institute of Santiago de Compostela (IDIS)  
**Professional category:** Senior Researcher/Miguel Servet Researcher  
**Start date:** 20/01/2020  
**Type of contract:** Temporary **Dedication regime:** Full time  
**Primary (UNESCO code):** 240000 - Life Science  
**Identify key words:** Drugs evaluation; Molecular mechanism of disease; Laboratory animals; Cell culture

**Previous positions and activities**

	<b>Employing entity</b>	<b>Professional category</b>	<b>Start date</b>
<b>1</b>	University Hospital Zurich-University of Zurich	Postdoctoral Researcher	14/01/2019
<b>2</b>	Cancer Research Center-University of Salamanca	Postdoctoral Researcher	01/01/2016
<b>3</b>	Health Research Institute of Santiago de Compostela	PhD student	06/10/2008



- 1** **Employing entity:** University Hospital Zurich-University of Zurich  
**Professional category:** Postdoctoral Researcher  
**Start-End date:** 14/01/2019 - 14/01/2020 **Duration:** 1 year  
**Type of entity:** University
- 2** **Employing entity:** Cancer Research Center-University of Salamanca  
**Department:** Cancer Research Center  
**Professional category:** Postdoctoral Researcher  
**Start-End date:** 01/01/2016 - 31/12/2018 **Duration:** 3 years  
**Primary (UNESCO code):** 240000 - Life Science
- 3** **Employing entity:** Health Research Institute of Santiago de Compostela  
**Department:** NEIRID LAB, IDIS  
**Professional category:** PhD student  
**Start-End date:** 06/10/2008 - 31/12/2015 **Duration:** 7 years - 3 months  
**Primary (UNESCO code):** 240000 - Life Science



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Higher degree

**Name of qualification:** Biology

**Degree awarding entity:** University of Santiago de Compostela

**Date of qualification:** 06/10/2008

#### Doctorates

**Doctorate programme:** PhD Molecular Medicine

**Degree awarding entity:** University of Santiago de Compostela

**City degree awarding entity:** Santiago de Compostela, Galicia, Spain

**Date of degree:** 23/03/2015

**DEA awarding entity:** University of Santiago de Compostela

**European doctorate:** No

**Thesis title:** ESE-1: un nuevo circuito en la señalización de la respuesta pro-inflamatoria

**Thesis director:** Oreste Gualillo

**Thesis co-director:** Juan Jesús Gómez-Reino Carnota

**Obtained qualification:** Sobresaliente Cum Laude

**Recognition of quality:** Yes

**Special doctorate award:** No

### Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English, Middle (ca.1100-1500)	C1	C1	C1	C1	C1

## Teaching experience

### Experience supervising doctoral thesis and/or final year projects

- Project title:** Búsqueda de firmas genéticas predictoras y/o de respuesta para el tratamiento con infliximab en pacientes con colitis ulcerosa  
**Type of project:** End of Bachelor Project  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Paula Calvo Pérez  
**Date of reading:** 19/02/2024



- 2** **Project title:** Estudio del interactoma entre macrófagos, células epiteliales de colon y neutrófilos  
**Type of project:** Master Thesis  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Marta Loira Portela  
**Date of reading:** 17/07/2023
- 3** **Project title:** Regulación de la resolución de la inflamación como aproximación terapéutica para la enfermedad inflamatoria intestinal  
**Type of project:** End of Bachelor Project  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Marta Loira Portela  
**Obtained qualification:** 9,8  
**Date of reading:** 2022
- 4** **Project title:** Nuevos enfoques en el estudio de la enfermedad inflamatoria intestinal: papel del sistema inmune innato  
**Type of project:** End of Bachelor Project  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Manuel Alejandro Rey Varela  
**Obtained qualification:** 7  
**Date of reading:** 2021
- 5** **Project title:** Caracterización y validación de biomarcadores para la respuesta a tratamiento con Vedolizumab en pacientes con enfermedad inflamatoria intestinal  
**Type of project:** Master thesis  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Laura Arosa García  
**Obtained qualification:** 9,6  
**Date of reading:** 2021
- 6** **Project title:** Caracterización de biomarcadores en la respuesta al tratamiento con vedolizumab en pacientes con enfermedad inflamatoria intestinal  
**Type of project:** Doctoral thesis  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Laura Arosa García  
**Obtained qualification:** Ongoing project
- 7** **Project title:** Efectos inmunometabólicos en la regulación de los procesos degenerativos e inflamatorios del disco intervertebral  
**Type of project:** Doctoral thesis  
**Entity:** Health Research Institute of Santiago/University of Santiago  
**Student:** María González Rodríguez  
**Obtained qualification:** Ongoing
- 8** **Project title:** Nuevos aspectos en la fisiopatología de la enfermedad inflamatoria intestinal: papel del sistema inmune innato.  
**Type of project:** Doctoral thesis  
**Entity:** University of Santiago de Compostela/IDIS  
**Student:** Miguel Camba Gómez  
**Obtained qualification:** Ongoing project



- 9 Project title:** Validación de biomarcadores de respuesta al tratamiento con tofacitinib en pacientes con colitis ulcerosa  
**Type of project:** End of Bachelor Project  
**Entity:** Health Research Institute of Santiago/University of Santiago  
**Student:** Andrés Fariña Vázquez  
**Obtained qualification:** Ongoing

## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1 Name of the project:** Characterization and validation of biomarkers for the response to vedolizumab treatment in patients with inflammatory bowel disease  
**Entity where project took place:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Nº of researchers:** 6  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Code according to the funding entity:** PI21/00880  
**Start-End date:** 01/01/2022 - 31/12/2024  
**Total amount:** 99.220 €
- 2 Name of the project:** Generación de un nuevo modelo de predicción y/o respuesta para el tratamiento con ustekinumab en pacientes con enfermedad inflamatoria intestinal  
**Entity where project took place:** XUNTA DE GALICIA  
**Nº of researchers:** 9  
**Type of participation:** Principal investigator  
**Code according to the funding entity:** IN607D2022/03  
**Start-End date:** 01/01/2022 - 31/12/2024  
**Total amount:** 65.000 €
- 3 Name of the project:** INFLAMACIÓN E INMUNOPATOLOGÍA DE ÓRGANOS Y SISTEMAS  
**Entity where project took place:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Name principal investigator (PI, Co-PI...):** Miguel Ángel González-Gay Mantecon  
**Type of participation:** Team member  
**Name of the programme:** REDES TEMATICAS DE INVESTIGACIÓN COOPERATIVA ORIENTADAS A RESULTADOS EN SALUD (RICORS)  
**Code according to the funding entity:** RD21/0002/0025  
**Start-End date:** 01/01/2022 - 31/12/2024





- 4** **Name of the project:** Characterization and validation of biomarkers for the response to JAK inhibitors in inflammatory bowel disease patients  
**Entity where project took place:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City of entity:** Santiago de Compostela, Galicia, Spain  
**N° of researchers:** 1  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Code according to the funding entity:** CP19/00172  
**Start-End date:** 01/01/2020 - 31/12/2024  
**Total amount:** 40.000 €
- 5** **Name of the project:** Ayudas para consolidar, estructurar y especializar las unidades de investigación más competitivas del Sistema gallego de I+D+i Modalidad B: grupos con potencial de crecimiento (GPC)  
**Degree of contribution:** Researcher  
**Entity where project took place:** XUNTA DE GALICIA  
**Name principal investigator (PI, Co-PI....):** Oreste Gualillo  
**Type of participation:** Team member  
**Code according to the funding entity:** IN607B2019/10  
**Start-End date:** 01/01/2019 - 31/12/2021  
**Total amount:** 90.000 €
- 6** **Name of the project:** PTPN2 and TiO2 in the pathogenesis of inflammatory bowel disease  
**Entity where project took place:** European Crohn's and Colitis Organisation  
**Funding entity or bodies:** European Crohn's and Colitis Organisation  
**Type of participation:** Principal investigator  
**Start-End date:** 15/01/2019 - 14/01/2020  
**Total amount:** 60.000 €
- 7** **Name of the project:** Oncoproteínas de la familia Vav: regulación funciones patofisiológicas y potencial terapéutico  
**Name principal investigator (PI, Co-PI....):** Xosé R Bustelo  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación **Type of entity:** Body, others  
**Type of participation:** Team member  
**Start-End date:** 01/01/2016 - 31/12/2018  
**Total amount:** 484.000 €
- 8** **Name of the project:** Adipokinas y modulación neuroendocrina de la autofagia en el sistema músculo-esquelético; causas, consecuencias y potencial terapéutico  
**City of entity:** Santiago de Compostela, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Oreste Gualillo  
**N° of researchers:** 7  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Team member



**Code according to the funding entity:** PI14/00016  
**Start-End date:** 01/01/2015 - 31/12/2017  
**Total amount:** 98.131 €

**9 Name of the project:** The obesity paradox in multiple prevalent diseases: a translational approach

**City of entity:** Santiago de Compostela, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** José Castillo Sánchez  
**Nº of researchers:** 37  
**Funding entity or bodies:**  
 Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Team member  
**Code according to the funding entity:** PIE13/00024  
**Start-End date:** 01/01/2014 - 31/12/2016  
**Total amount:** 605.000 €

**10 Name of the project:** Bases moleculares de la interacción entre tejido adiposo y sistema inmune en artritis: efecto de la adiponectina en linfocitos T reguladores

**City of entity:** Santiago de Compostela, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Oreste Gualillo  
**Nº of researchers:** 5  
**Funding entity or bodies:**  
 XUNTA DE GALICIA

**Type of participation:** Team member  
**Code according to the funding entity:** 10CSA918029PR  
**Start-End date:** 01/01/2010 - 31/12/2014  
**Total amount:** 69.575 €

**11 Name of the project:** Un nuevo enfoque sobre la relación de la obesidad y la artrosis. Efectos de las adipokinas sobre SIRTUIN-1 (SIRT-1)

**City of entity:** Santiago de Compostela, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Oreste Gualillo  
**Nº of researchers:** 4  
**Funding entity or bodies:**  
 Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Team member  
**Code according to the funding entity:** PI11/01073  
**Start-End date:** 01/01/2012 - 21/12/2014  
**Total amount:** 167.541 €

**R&D non-competitive contracts, agreements or projects with public or private entities**

**Name of the project:** Validation of CCR9 in Inflammatory bowel disease: In vitro and ex vivo efficacy of anti-CCR9 first-in-class antibodies

**Degree of contribution:** Scientific coordinator  
**Nº of researchers:** 3

**Funding entity or bodies:**  
 SunRock Biopharma S.L.

**Type of entity:** Business

**Start date:** 01/01/2024



Total amount: 25.000 €

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1 Pazos-Pérez A; Piñeiro-Ramil M; Franco-Trepas E; Alonso-Pérez A; Guillán-Fresco M; Crespo-Golmar A; López-Fagúndez M; Aranda JC; Bravo SB; Jorge-Mora A; Gómez R. The Hepatokine RBP4 Links Metabolic Diseases to Articular Inflammation. *Antioxidants* (Basel, Switzerland). 13, 2024. ISSN 2076-3921  
**DOI:** 10.3390/antiox13010124  
**PMID:** 38275649  
**Type of production:** Scientific paper  
**Citations:** 57
- 2 Coco, Larissa Zambom; Aires, Rafaela; Carvalho, Glaucimeire Rocha; Belisario, Eduarda de Souza; Yap, Michelle Khai Khun; Amorim, Fernanda Gobbi; Conde-Aranda, Javier; Nogueira, Breno Valentim; Vasquez, Elisardo Corral; Pereira, Thiago de Melo Costa; Campagnaro, Bianca Prandi. Unravelling the Gastroprotective Potential of Kefir: Exploring Antioxidant Effects in Preventing Gastric Ulcers. *CELLS*. 12, 2023.  
**DOI:** 10.3390/cells12242799  
**PMID:** 38132119  
**Type of production:** Scientific paper
- 3 Sara Martínez Ramos; Carlos Rafael Vidal; Beatriz Malvar Fernández; Ángela Rodríguez Trillo; Douglas Veale; Ursula Fearon; Carmen Conde; Javier Conde Aranda; Timothy RDJ Radstake; Jose María Pego-Reigosa; Kris A Reedquist; Samuel García. HOXA5 is a key regulator of class 3 semaphorins expression in the synovium of rheumatoid arthritis patients. *Rheumatology*. 18/11/2022.  
**DOI:** 10.1093/rheumatology/keac654  
**Type of production:** Scientific paper  
**Format:** Journal  
**Corresponding author:** No
- 4 Clara Ruiz-Fernandez; Maria Gonzalez-Rodriguez; Vanessa Abella; Vera Francisco; Alfonso Cordero-Barreal; Djedjiga Ait Eldjoudi; Yousof Farrag; Jesus Pino; Javier Conde-Aranda; Miguel Ángel González-Gay; Antonio Mera; Ali Mobasher; Lucía García-Caballero; Marina Gándara-Cortés; Francisca Lago; Morena Scotese; Oreste Gualillo. WISP-2 modulates the induction of inflammatory mediators and cartilage catabolism in chondrocytes. *Laboratory Investigation*. 28/04/2022.  
**DOI:** 10.1038/s41374-022-00793-9  
**Type of production:** Scientific paper  
**Position of signature:** 9  
**Total no. authors:** 17  
**Corresponding author:** No
- 5 Djedjiga Ait Eldjoudi; Clara Ruiz-Fernandez; María González-Rodríguez; Sihem Ait Atmane; Alfonso Cordero-Barreal; Yousuf Farrag; Jesus Pino; Jorge Sineiro; Francisca Lago; Javier Conde-Aranda; Bachra Khettal; Oreste Gualillo. Analgesic and antiinflammatory effects of *Nigella orientalis* L. seeds fixed oil: Pharmacological potentials and molecular mechanisms. *Phytotherapy Research*. 09/03/2022.  
**DOI:** 10.1002/ptr.7400  
**Type of production:** Scientific paper  
**Position of signature:** 10

**Total no. authors:** 12**Corresponding author:** No

- 6** Miguel Camba-Gomez; Laura Arosa; Oreste Gualillo; Javier Conde-Aranda. Chemokines and chemokine receptors in inflammatory bowel disease: Recent findings and future perspectives. Drug Discovery Today. 09/12/2021.

**DOI:** 10.1016/j.drudis.2021.12.004**PMID:** 34896626**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Total no. authors:** 4**Corresponding author:** Yes

- 7** Javier Conde; Isabel Fernandez-Pisonero; Myriam Cuadrado; Antonio Abad; Javier Robles-Valero; Xose R Bustelo. Distinct Roles of Vav Family Members in Adaptive and Innate Immune Models of Arthritis. Biomedicines. 9 - 6, 18/06/2021.

**DOI:** 10.3390/biomedicines9060695**PMID:** 34205377**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 6

- 8** Miguel Camba-Gómez; Oreste Gualillo; Javier Conde-Aranda. New perspectives in the study of intestinal inflammation: Focus on the resolution of inflammation. International Journal of Molecular Sciences. 2021.

**DOI:** 10.3390/ijms22052605**PMID:** 33807591**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 3**Corresponding author:** Yes

- 9** Katkeviciute E.; Hering L.; Montalban-Arques A.; Busenhardt P.; Schwarzfischer M.; Manzini R.; Conde J.; Atrott K.; Lang S.; Rogler G.; Naschberger E.; Schellerer V.S.; Stürzl M.; Rickenbacher A.; Turina M.; Weber A.; Leibl S.; Leventhal G.E.; Levesque M.; Boyman O.; Scharl M.; Spalinger M.R.. Protein tyrosine phosphatase nonreceptor type 2 controls colorectal cancer development. Journal of Clinical Investigation. 131, 2021. ISSN 00219738

**DOI:** 10.1172/JCI1140281**PMID:** 33001862**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Total no. authors:** 22

- 10** Conde J.; Schwarzfischer M.; Katkeviciute E.; Häfliger J.; Niechcial A.; Brillant N.; Manzini R.; Bähler K.; Atrott K.; Lang S.; Scharl M.. Titanium dioxide presents a different profile in dextran sodium sulphate-induced experimental colitis in mice lacking the IBD risk gene ptpn2 in myeloid cells. International Journal of Molecular Sciences. 22, pp. 1 - 16. 2021. ISSN 16616596

**DOI:** 10.3390/ijms22020772**PMID:** 33466682**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 11**Corresponding author:** Yes

- 11** Conde J; Ruiz-Fernandez C; Francisco V; Scotece M; Gómez R; Lago F; Gonzalez-Gay MA; Pino J; Mobasher A; Gualillo O. Dickkopf-3 (DKK3) Signaling in IL-1 $\alpha$ -Challenged Chondrocytes: Involvement of the NF- $\kappa$ B Pathway. Cartilage. pp. 1947603520933328. 2020. ISSN 1947-6035

**DOI:** 10.1177/1947603520933328**PMID:** 32532182



**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 10

**Format:** Journal

**Corresponding author:** Yes

- 12** Francisco V; Tovar S; Conde J; Pino J; Mera A; Lago F; González-Gay MA; Dieguez C; Gualillo O. Levels of the Novel Endogenous Antagonist of Ghrelin Receptor, Liver-Enriched Antimicrobial Peptide-2, in Patients with Rheumatoid Arthritis. *Nutrients*. 12, 2020.

**DOI:** 10.3390/nu12041006

**PMID:** 32268520

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 9

- 13** Conde J; Otero M; Scotece M; Abella V; Gómez R; López V; Pino J; Mera A; Goldring MB; Gualillo O. E74-Like Factor (ELF3) and Leptin, a Novel Loop Between Obesity and Inflammation Perpetuating a Pro-Catabolic State in Cartilage. *Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology*. 45, pp. 2401 - 2410. 2018. ISSN 1015-8987

**DOI:** 10.1159/000488227

**PMID:** 29550824

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 10

**Corresponding author:** Yes

- 14** Scotece M; Conde J; Abella V; López V; Francisco V; Ruiz C; Campos V; Lago F; Gomez R; Pino J; Gualillo O. Oleocanthal Inhibits Catabolic and Inflammatory Mediators in LPS-Activated Human Primary Osteoarthritis (OA) Chondrocytes Through MAPKs/NF-κB Pathways. *Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology*. 49, pp. 2414 - 2426. 2018. ISSN 1015-8987

**DOI:** 10.1159/000493840

**PMID:** 30261513

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 11

**Source of citations:** WOS

- 15** Lorenzo-Martín LF; Citterio C; Menacho-Márquez M; Conde J; Larive RM; Rodríguez-Fdez S; García-Escudero R; Robles-Valero J; Cuadrado M; Fernández-Pisonero I; Dosil M; Sevilla MA; Montero MJ; Fernández-Salguero PM; Paramio JM; Bustelo XR. Vav proteins maintain epithelial traits in breast cancer cells using miR-200c-dependent and independent mechanisms. *Oncogene*. 38, pp. 209 - 227. 2018. ISSN 0950-9232

**DOI:** 10.1038/s41388-018-0433-7

**PMID:** 30087437

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 16

**Source of citations:** WOS

**Citations:** 2

- 16** Conde J; Lazzaro V; Scotece M; Abella V; Villar R; López V; Gonzalez-Gay MÁ; Pino J; Gómez R; Mera A; Gualillo O. Corticoids synergize with IL-1 in the induction of LCN2. *Osteoarthritis and cartilage*. 25, pp. 1172 - 1178. 2017. ISSN 1063-4584

**DOI:** 10.1016/j.joca.2017.01.017

**PMID:** 28185846

**Type of production:** Scientific paper



**Position of signature:** 1

**Total no. authors:** 11

**Source of citations:** WOS

**Corresponding author:** Yes

**Citations:** 3

- 17** Abella V; Scotece M; Conde J; Pino J; Gonzalez-Gay MA; Gómez-Reino JJ; Mera A; Lago F; Gómez R; Gualillo O. Leptin in the interplay of inflammation, metabolism and immune system disorders. *Nature reviews. Rheumatology*. 13, pp. 100 - 109. 2017. ISSN 1759-4790  
**DOI:** 10.1038/nrrheum.2016.209  
**PMID:** 28053336  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 10  
**Source of citations:** WOS **Citations:** 55
- 18** Abella V; Pino J; Scotece M; Conde J; Lago F; Gonzalez-Gay MA; Mera A; Gómez R; Mobasheri A; Gualillo O. Progranulin as a biomarker and potential therapeutic agent. *Drug discovery today*. 22, pp. 1557 - 1564. 2017. ISSN 1359-6446  
**DOI:** 10.1016/j.drudis.2017.06.006  
**PMID:** 28651064  
**Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 10  
**Source of citations:** WOS **Citations:** 17
- 19** Scotece M; Pérez T; Conde J; Abella V; López V; Pino J; Gonzalez-Gay MA; Gomez-Reino JJ; Mera A; Gomez R; Gualillo O. Adipokines induce pro-inflammatory factors in activated Cd4+ T cells from osteoarthritis patient. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*. 35, pp. 1299 - 1303. 2016. ISSN 0736-0266  
**DOI:** 10.1002/jor.23377  
**PMID:** 27472907  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 11  
**Source of citations:** WOS **Citations:** 5
- 20** Conde J; Otero M; Scotece M; Abella V; López V; Pino J; Gómez R; Lago F; Goldring MB; Gualillo O. E74-like factor 3 and nuclear factor- $\kappa$ B regulate lipocalin-2 expression in chondrocytes. *The Journal of physiology*. 594, pp. 6133 - 6146. 2016. ISSN 0022-3751  
**DOI:** 10.1113/JP272240  
**PMID:** 27222093  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 10  
**Source of citations:** WOS **Citations:** 3
- 21** Abella V; Pérez T; Scotece M; Conde J; Pirozzi C; Pino J; Lago F; González-Gay MÁ; Mera A; Gómez R; Gualillo O. Pollutants make rheumatic diseases worse: Facts on polychlorinated biphenyls (PCBs) exposure and rheumatic diseases. *Life sciences*. 157, pp. 140 - 144. 2016. ISSN 0024-3205  
**DOI:** 10.1016/j.lfs.2016.06.010  
**PMID:** 27312420





**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 11

- 22** Abella V; Scotece M; Conde J; López V; Pirozzi C; Pino J; Gómez R; Lago F; González-Gay MÁ; Gualillo O. The novel adipokine progranulin counteracts IL-1 and TLR4-driven inflammatory response in human and murine chondrocytes via TNFR1. *Scientific reports*. 6, pp. 20356. 2016.  
**DOI:** 10.1038/srep20356  
**PMID:** 26853108  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 10  
**Source of citations:** WOS **Citations:** 10
- 23** Morena Scotece; Javier Conde Aranda. Inflammation in Health and Disease: New Insights and Therapeutic Avenues. *International Journal of Molecular Sciences*. 23 - 15, 29/07/2022.  
**DOI:** 10.3390/ijms23158392  
**Type of production:** Scientific edition **Format:** Journal  
**Corresponding author:** Yes
- 24** Laura Arosa; Miguel Camba-Gómez; Olga Golubnitschaja; Javier Conde-Aranda. Predictive, preventive and personalised approach as a conceptual and technological innovation in primary and secondary care of inflammatory bowel disease benefiting affected individuals and populations. *EPMA Journal*. 09/02/2024.  
**DOI:** 10.1007/s13167-024-00351-x  
**Type of production:** Review **Format:** Journal  
**Corresponding author:** Yes
- 25** Laura Arosa García; Miguel Camba Gómez; Javier Conde Aranda. Neutrophils in Intestinal Inflammation: What We Know and What We Could Expect for the Near Future. *Gastrointestinal Disorders*. 4 - 4, pp. 263 - 276. 04/10/2022.  
**DOI:** 10.3390/gidisord4040025  
**Type of production:** Review **Format:** Journal  
**Corresponding author:** Yes
- 26** Cordero-Barreal A; González-Rodríguez M; Ruiz-Fernández C; Eldjoudi DA; AbdElHafez YRF; Lago F; Conde J; Gómez R; González-Gay MA; Mobasher A; Pino J; Gualillo O. An Update on the Role of Leptin in the Immuno-Metabolism of Cartilage. *International journal of molecular sciences*. 22, 2021.  
**DOI:** 10.3390/ijms22052411  
**PMID:** 33673730
- 27** Francisco V; Ruiz-Fernández C; González-Rodríguez M; Cordero-Barreal A; Pino J; Viñuela JE; Lago F; Conde J; Gómez R; Carvalho GR; Costa Pereira TM; Campos-Toimil M; Gualillo O. Evaluation of Virola oleifera activity in musculoskeletal pathologies: Inhibition of human multiple myeloma cells proliferation and combination therapy with dexamethasone or bortezomib. *Journal of ethnopharmacology*. 272, pp. 113932. 2021. ISSN 0378-8741  
**DOI:** 10.1016/j.jep.2021.113932  
**PMID:** 33609728
- 28** Ruiz-Fernández C; Gonzalez-Rodríguez M; Francisco V; Rajab IM; Gómez R; Conde J; Lago F; Pino J; Mobasher A; Gonzalez-Gay MA; Mera A; Potempa LA; Gualillo O. Monomeric C reactive protein (mCRP) regulates inflammatory responses in human and mouse chondrocytes. *Laboratory investigation; a journal of technical methods and pathology*. 2021. ISSN 0023-6837  
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- 29** Santoro A; Conde J; Scotece M; Abella V; López V; Pino J; Gómez R; Gómez-Reino JJ; Gualillo O. Choosing the right chondrocyte cell line: Focus on nitric oxide. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*. 33, pp. 1784 - 8. 2015. ISSN 0736-0266  
**DOI:** 10.1002/jor.22954  
**PMID:** 26016689  
**Position of signature:** 1  
**Total no. authors:** 9  
**Source of citations:** WOS **Citations:** 6
- 30** Conde J; Scotece M; Abella V; Lois A; López V; García-Caballero T; Pino J; Gómez-Reino JJ; Gómez R; Lago F; Gualillo O. IL-36 $\alpha$ : a novel cytokine involved in the catabolic and inflammatory response in chondrocytes. *Scientific reports*. 5, pp. 16674. 2015.  
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**Total no. authors:** 11  
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- 31** Conde J; Scotece M; Abella V; Gómez R; López V; Villar R; Hermida M; Pino J; Gómez-Reino JJ; Gualillo O. Identification of novel adipokines in the joint. Differential expression in healthy and osteoarthritis tissues. *PloS one*. 10, pp. e0123601. 2015.  
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**Total no. authors:** 10  
**Source of citations:** WOS **Citations:** 3
- 32** Abella V; Santoro A; Scotece M; Conde J; López-López V; Lazzaro V; Gómez-Reino JJ; Meli R; Gualillo O. Non-dioxin-like polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) induce chondrocyte cell death through multiple pathways. *Toxicology letters*. 234, pp. 13 - 9. 2015. ISSN 0378-4274  
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**Position of signature:** 4  
**Total no. authors:** 9  
**Source of citations:** WOS **Citations:** 6
- 33** Santoro A; Conde J; Scotece M; Abella V; Lois A; Lopez V; Pino J; Gomez R; Gomez-Reino JJ; Gualillo O. SERPINE2 Inhibits IL-1 $\alpha$ -Induced MMP-13 Expression in Human Chondrocytes: Involvement of ERK/NF- $\kappa$ B/AP-1 Pathways. *PloS one*. 10, pp. e0135979. 2015.  
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- 34** Abella V; Scotece M; Conde J; Gómez R; Lois A; Pino J; Gómez-Reino JJ; Lago F; Mobasher A; Gualillo O. The potential of lipocalin-2/NGAL as biomarker for inflammatory and metabolic diseases. *Biomarkers : biochemical indicators of exposure, response, and susceptibility to chemicals*. 20, pp. 565 - 71. 2015. ISSN 1354-750X





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**PMID:** 26671823

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**Source of citations:** WOS

**Citations:** 24

- 35** Abella V; Scotece M; Conde J; López V; Lazzaro V; Pino J; Gómez-Reino JJ; Gualillo O. Adipokines, metabolic syndrome and rheumatic diseases. *Journal of immunology research*. 2014, pp. 343746. 2014. ISSN 2314-8861

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**Position of signature:** 3

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**Source of citations:** WOS

**Citations:** 30

- 36** Conde J; Scotece M; Abella V; López V; Pino J; Gómez-Reino JJ; Gualillo O. An update on leptin as immunomodulator. *Expert review of clinical immunology*. 10, pp. 1165 - 70. 2014. ISSN 1744-666X

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**Total no. authors:** 7

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- 37** Scotece M; Conde J; Abella V; López V; Pino J; Lago F; Gómez-Reino JJ; Gualillo O. Bone metabolism and adipokines: are there perspectives for bone diseases drug discovery?. *Expert opinion on drug discovery*. 9, pp. 945 - 57. 2014. ISSN 1746-0441

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**Citations:** 5

- 38** Gómez R; Conde J; Scotece M; López V; Lago F; Gómez Reino JJ; Gualillo O. Endogenous cannabinoid anandamide impairs cell growth and induces apoptosis in chondrocytes. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*. 32, pp. 1137 - 46. 2014. ISSN 0736-0266

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**Citations:** 5

- 39** Scotece M; Conde J; Abella V; López V; Lago F; Pino J; Gómez-Reino JJ; Gualillo O. NUCB2/nesfatin-1: a new adipokine expressed in human and murine chondrocytes with pro-inflammatory properties, an in vitro study. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*. 32, pp. 653 - 60. 2014. ISSN 0736-0266

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**Total no. authors:** 8

**Source of citations:** WOS

**Citations:** 5



- 40** Scotece M; Conde J; Abella V; Lopez V; Pino J; Lago F; Smith AB 3rd; Gómez-Reino JJ; Gualillo O. New drugs from ancient natural foods. Oleocanthal, the natural occurring spicy compound of olive oil: a brief history. *Drug discovery today*. 20, pp. 406 - 10. 2014. ISSN 1359-6446  
**DOI:** 10.1016/j.drudis.2014.10.017  
**PMID:** 25448758  
**Position of signature:** 2  
**Total no. authors:** 9  
**Source of citations:** WOS **Citations:** 3
- 41** Scotece M; Conde J; Vuolteenaho K; Koskinen A; López V; Gómez-Reino J; Lago F; Moilanen E; Gualillo O. Adipokines as drug targets in joint and bone disease. *Drug discovery today*. 19, pp. 241 - 58. 2013. ISSN 1359-6446  
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**PMID:** 23906693  
**Position of signature:** 1  
**Total no. authors:** 9  
**Source of citations:** WOS **Citations:** 11
- 42** Conde J; Scotece M; López V; Gómez R; Lago F; Pino J; Gómez-Reino JJ; Gualillo O. Adipokines: novel players in rheumatic diseases. *Discovery medicine*. 15, pp. 73 - 83. 2013. ISSN 1539-6509  
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**Source of citations:** WOS **Citations:** 14
- 43** Conde J; Scotece M; López V; Gómez R; Lago F; Pino J; Gómez-Reino JJ; Gualillo O. Adiponectin and leptin induce VCAM-1 expression in human and murine chondrocytes. *PloS one*. 7, pp. e52533. 2013.  
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**Source of citations:** WOS **Citations:** 15
- 45** Conde J; Scotece M; López V; Abella V; Hermida M; Pino J; Lago F; Gómez-Reino JJ; Gualillo O. Differential expression of adipokines in infrapatellar fat pad (IPFP) and synovium of osteoarthritis patients and healthy individuals. *Annals of the rheumatic diseases*. 73, pp. 631 - 3. 2013. ISSN 0003-4967  
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- 46** Scotece M; Conde J; Lopez V; Lago F; Pino J; Gomez-Reino JJ; Gualillo O. Leptin in joint and bone diseases: new insights. *Current medicinal chemistry*. 20, pp. 3416 - 25. 2013. ISSN 0929-8673  
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**Total no. authors:** 8  
**Source of citations:** WOS **Citations:** 11
- 48** Scotece M; Gómez R; Conde J; Lopez V; Gómez-Reino JJ; Lago F; Smith AB 3rd; Gualillo O. Oleocanthal inhibits proliferation and MIP-1 $\alpha$  expression in human multiple myeloma cells. *Current medicinal chemistry*. 20, pp. 2467 - 75. 2013. ISSN 0929-8673  
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**Source of citations:** WOS **Citations:** 18
- 49** Conde J; Scotece M; López V; Gómez R; Lago F; Pino J; Gómez-Reino JJ; Gualillo O. Expression and modulation of adipolin/C1qdc2: a novel adipokine in human and murine ATDC-5 chondrocyte cell line. *Annals of the rheumatic diseases*. 72, pp. 140 - 2. 2012. ISSN 0003-4967  
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**Total no. authors:** 8
- 50** Scotece M; Gómez R; Conde J; Lopez V; Gómez-Reino JJ; Lago F; Smith AB 3rd; Gualillo O. Further evidence for the anti-inflammatory activity of oleocanthal: inhibition of MIP-1 $\alpha$  and IL-6 in J774 macrophages and in ATDC5 chondrocytes. *Life sciences*. 91, pp. 1229 - 35. 2012. ISSN 0024-3205  
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**PMID:** 23044226  
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- 51** Scotece M; Conde J; Gómez R; López V; Pino J; González A; Lago F; Gómez-Reino JJ; Gualillo O. Role of adipokines in atherosclerosis: interferences with cardiovascular complications in rheumatic diseases. *Mediators of inflammation*. 2012, pp. 125458. 2012. ISSN 0962-9351  
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- 52** Conde J; Scotece M; Gómez R; Lopez V; Gómez-Reino JJ; Gualillo O. Adipokines and osteoarthritis: novel molecules involved in the pathogenesis and progression of disease. *Arthritis*. 2011, pp. 203901. 2011. ISSN 2090-1984

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- 54** Gómez R; Scotece M; Conde J; Gómez-Reino JJ; Lago F; Gualillo O. Adiponectin and leptin increase IL-8 production in human chondrocytes. *Annals of the rheumatic diseases*. 70, pp. 2052 - 4. 2011. ISSN 0003-4967

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**Citations:** 10



- 57** Conde J; Gomez R; Bianco G; Scotece M; Lear P; Dieguez C; Gomez-Reino J; Lago F; Gualillo O. Expanding the adipokine network in cartilage: identification and regulation of novel factors in human and murine chondrocytes. *Annals of the rheumatic diseases*. 70, pp. 551 - 9. 2011. ISSN 0003-4967  
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**PMID:** 21216818  
**Position of signature:** 1  
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- 58** Gómez R; Conde J; Scotece M; Gómez-Reino JJ; Lago F; Gualillo O. What's new in our understanding of the role of adipokines in rheumatic diseases?. *Nature reviews. Rheumatology*. 7, pp. 528 - 36. 2011. ISSN 1759-4790  
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**Total no. authors:** 6  
**Source of citations:** WOS **Citations:** 71
- 59** Conde J; Scotece M; Gómez R; Gómez-Reino JJ; Lago F; Gualillo O. At the crossroad between immunity and metabolism: focus on leptin. *Expert review of clinical immunology*. 6, pp. 801 - 8. 2010. ISSN 1744-666X  
**DOI:** 10.1586/eci.10.48  
**PMID:** 20828288  
**Position of signature:** 1  
**Total no. authors:** 6  
**Source of citations:** WOS **Citations:** 17
- 60** Iacono A; Gómez R; Sperry J; Conde J; Bianco G; Meli R; Gómez-Reino JJ; Smith AB 3rd; Gualillo O. Effect of oleocanthal and its derivatives on inflammatory response induced by lipopolysaccharide in a murine chondrocyte cell line. *Arthritis and rheumatism*. 62, pp. 1675 - 82. 2010. ISSN 0004-3591  
**DOI:** 10.1002/art.27437  
**PMID:** 20201078  
**Position of signature:** 4  
**Total no. authors:** 9  
**Source of citations:** WOS **Citations:** 20
- 61** Gómez R; Conde J; Gómez Reino JJ; Lago F; Gualillo O. [Adipocytokines: emerging mediators of the immune response and inflammation]. *Reumatologia clinica*. 5 Suppl 1, pp. 6 - 12. 2009. ISSN 1699-258X  
**DOI:** 10.1016/j.reuma.2008.12.003  
**PMID:** 21794635  
**Position of signature:** 2  
**Total no. authors:** 5  
**Source of citations:** WOS **Citations:** 1

## Works submitted to national or international conferences

- 1** **Title of the work:** Isolation of a novel metalloproteinases transcriptional signature with robust anti-TNF therapy predictive power in patients with ulcerative colitis  
**Name of the conference:** 19th Congress of European Crohn's and Colitis Organisation  
**Corresponding author:** Yes  
**City of event:** Stockholm, Sweden  
**Date of event:** 21/02/2024  
**End date:** 24/02/2024  
**Organising entity:** European Crohn's and Colitis Organisation  
**City organizing entity:** Vienna, Austria  
Laura Arosa; Miguel Camba-Gomez; Cristina Calviño-Suárez; Iria Bastón-Rey; Rocío Ferreiro-Iglesias; Marisol Porto; Laura Nieto-García; Juan Enrique Domínguez-Muñoz; Manuel Barreiro-de Acosta; Javier Conde-Aranda.
- 2** **Title of the work:** Natural extracts and omega-3 derived molecule: role in resolution of intestinal inflammation  
**Name of the conference:** 19th Congress of European Crohn's and Colitis Organisation  
**Corresponding author:** Yes  
**City of event:** Stockholm, Sweden  
**Date of event:** 21/02/2024  
**End date:** 24/02/2024  
**Organising entity:** European Crohn's and Colitis Organisation  
**City organizing entity:** Vienna, Austria  
Miguel Camba-Gomez; Laura Arosa; Djedjiga Ait Eldjoudi; María González-Rodríguez; Oreste Gualillo; Javier Conde-Aranda.
- 3** **Title of the work:** Firmas transcripcionales predictoras asociadas a la respuesta al tratamiento con vedolizumab en pacientes con colitis ulcerosa  
**Name of the conference:** LXXXII Congreso Sociedad Española de Patología Digestiva  
**Corresponding author:** Yes  
**City of event:** Seville, Spain  
**Date of event:** 08/06/2023  
**End date:** 10/06/2023  
**Organising entity:** Sociedad Española de Patología Digestiva  
Laura Arosa; Miguel Camba-Gomez; Cristina Calviño-Suárez; Iria Bastón-Rey; Rocío Ferreiro-Iglesias; Marisol Porto; Laura Nieto-García; Juan Enrique Domínguez-Muñoz; Manuel Barreiro-de Acosta; Javier Conde-Aranda.
- 4** **Title of the work:** Predictive transcriptional signatures associated to vedolizumab therapy response in patients with ulcerative colitis  
**Name of the conference:** 18th Congress of ECCO  
**Corresponding author:** Yes  
**City of event:** Copenhagen, Denmark  
**Date of event:** 01/03/2023  
**End date:** 04/03/2023  
**Organising entity:** European Crohn's and Colitis Organisation  
**City organizing entity:** Vienna, Austria





Laura Arosa García; Miguel Camba Gomez; Cristina Calviño Suárez; Iria Bastón Rey; Rocío Ferreiro Iglesias; Marisol Porto Silva; Laura Nieto García; J Enrique Domínguez Muñoz; Manuel Barreiro de Acosta; Javier Conde Aranda.

**5 Title of the work:** Transcriptional biomarkers for vedolizumab therapy response in patients with moderate to severe ulcerative colitis

**Name of the conference:** 17th Congress of ECCO

**Corresponding author:** Yes

**City of event:** Virtual,

**Date of event:** 16/02/2022

**End date:** 19/02/2022

**Organising entity:** European Crohn's and Colitis Organisation

Laura Arosa; Miguel Camba-Gomez; Cristina Calviño-Suárez; Iria Bastón-Rey; Rocio Ferreiro-Iglesias; Marisol Porto; Laura Nieto-García; Juan Enrique Domínguez-Muñoz; Manuel Barreiro-de Acosta; Javier Conde-Aranda.

**6 Title of the work:** Searching for new predictive markers for vedolizumab therapy response in patients with ulcerative colitis

**Name of the conference:** Gastro 2021

**Corresponding author:** Yes

**City of event:** Prague, Czech Republic

**Date of event:** 09/12/2021

**End date:** 11/12/2021

**Organising entity:** World Gastroenterology Organisation

Laura Arosa; Miguel Camba-Gomez; Cristina Calviño-Suarez; Iria Baston-Rey; Rocio Ferreiro-Iglesias; Manuel Barreiro-de Acosta; Javier Conde-Aranda.

**7 Title of the work:** PTPN2 and TiO2 in the pathogenesis of inflammatory bowel disease

**Name of the conference:** 15th Congress of ECCO

**City of event:** Vienna, Austria

**Date of event:** 12/02/2020

**End date:** 15/02/2020

**Organising entity:** European Crohn's and Colitis Organization

**City organizing entity:** Vienna, Austria

Javier Conde; Marlene Schwarzfischer; Egle Katkeviciute; Janine Häfliger; Anna Niechcial; Nathalie Brillant; Kirstin Atrott; Katharina Bäbler; Michael Scharl.

**8 Title of the work:** PTPN2 and IL-10 in the development of inflammatory bowel disease

**Name of the conference:** UEG Week

**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 19/10/2019

**End date:** 23/10/2019

**Organising entity:** United European Gastroenterology

**Type of entity:** Associations and Groups

**City organizing entity:** Vienna, Austria

Javier Conde; Marlene Schwarzfischer; Marianne R Spalinger; Larissa Hering; Sharon Veenbergen; Janneke N Samsom; Michael Scharl.

**9 Title of the work:** Adipokines induce inflammatory mediators in CD4+ T cells and modulate the cross-talk between CD4+ T lymphocytes and chondrocytes from OA patients.

**Name of the conference:** World Congress on Osteoarthritis (OARSI)

**City of event:** Paris, France



**Date of event:** 24/04/2014

**End date:** 27/04/2014

**Organising entity:** Osteoarthritis Research Society International

Morena Scotece; Javier Conde Aranda; Vanessa Abella Cajigal; Verónica López López; Verónica Lazzaro; Jesús Pino Mínguez; Juan Jesús Gómez-Reino Carnota; Oreste Gualillo.

**10 Title of the work:** Environmental Pollutants and Osteoarthritis: Effects of Non-Dioxin-Like Polychlorinated Biphenyls on Cultured Chondrocytes

**Name of the conference:** World Congress on Osteoarthritis (OARSI)

**City of event:** Paris, France

**Date of event:** 24/04/2014

**End date:** 27/04/2014

**Organising entity:** Osteoarthritis Research Society International

Vanessa Abella Cajigal; Morena Scotece; Javier Conde Aranda; Verónica López López; Veronica Lazzaro; Jesús Pino Mínguez; Juan Jesús Gómez-Reino Carnota; Rosaria Meli; Oreste Gualillo.

**11 Title of the work:** IL-36?: A novel cytokine involved in the inflammatory response in human chondrocytes

**Name of the conference:** World Congress on Osteoarthritis (OARSI)

**Type of participation:** Participatory - poster

**City of event:** Paris, France

**Date of event:** 24/04/2014

**End date:** 27/04/2014

**Organising entity:** Osteoarthritis Research Society International

Javier Conde Aranda; Morena Scotece; Vanessa Abella Cajigal; Verónica López López; Veronica Lazzaro; Jesús Pino Mínguez; Juan Jesús Gómez-Reino Carnota; Oreste Gualillo. "IL-36?: A novel cytokine involved in the inflammatory response in human chondrocytes".

**12 Title of the work:** ESE-1: a novel pro-inflammatory and catabolic factor in articular cartilage

**Name of the conference:** EULAR

**Type of participation:** Participatory - poster

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 12/06/2013

**End date:** 15/06/2013

**Organising entity:** The European League Against Rheumatism (EULAR)      **Type of entity:** Associations and Groups

Javier Conde Aranda; Morena Scotece; Miguel Otero Adrán; Verónica López López; Juan Jesús Gómez-Reino Carnota; Mary Goldring; Oreste Gualillo. "ESE-1: a novel pro-inflammatory and catabolic factor in articular cartilage".

**13 Title of the work:** NUCB2/Nesfatin-1: a new adipokine expressed in human and murine chondrocytes with pro-inflammatory properties.

**Name of the conference:** EULAR

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 12/06/2013

**End date:** 15/06/2013

**Organising entity:** The European League Against Rheumatism (EULAR)      **Type of entity:** Associations and Groups

Morena Scotece; Javier Conde Aranda; Verónica López López; Francisca Lago; Jesús Pino Mínguez; Juan Jesús Gómez-Reino Carnota; Oreste Gualillo.





- 14** **Title of the work:** Adiponectin and leptin induce VCAM-1 expression in human and murine chondrocytes  
**Name of the conference:** Symposium "Novel Drugs and Drug Targets to Treat Inflammation"  
**Type of participation:** Participatory - poster  
**City of event:** Ylläs, Finland  
**Date of event:** 12/03/2013  
**Organising entity:** Basic and Clinical Pharmacology and toxicology  
Javier Conde Aranda; Morena Scotece; Verónica López López; Rodolfo Gómez Bahamonde; Francisca Iago Paz; Jesús Pino Mínguez; Juan Jesús Gómez-Reino Carnota; Oreste Gualillo. "Adiponectin and leptin induce VCAM-1 expression in human and murine chondrocytes".
- 15** **Title of the work:** Synergistic induction of ELF3. In vitro effect of leptin and IL-1 in human chondrocytes  
**Name of the conference:** World Congress on Osteoarthritis (OARSI)  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 26/04/2012  
**End date:** 29/04/2012  
**Organising entity:** Osteoarthritis Research Society International  
Javier Conde Aranda; Morena Scotece; Miguel Otero Adrán; Rodolfo Gómez Bahamonde; Juan Jesús Gómez-Reino Carnota; Mary Goldring; Oreste Gualillo. "Synergistic induction of ELF3. In vitro effect of leptin and IL-1 in human chondrocytes".

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

**Committee title:** Member of the Scientific Committee of the Grupo Español de Trabajo en Enfermedad de Crohn y Colitis Ulcerosa (GETECCU)  
**Primary (UNESCO code):** 320000 - Medical Science  
**Secondary (UNESCO code):** 320503 - Gastro-enterology

### Organization of R&D activities

- 1** **Title of the activity:** Innate immune system in immune-mediated and inflammatory diseases  
**Type of activity:** Guest Editor of an Special issue  
**Convening entity:** Cells  
**Start-End date:** 08/02/2021 - 31/12/2021
- 2** **Title of the activity:** Inflammation in Health and Disease: New Insights and Therapeutic Avenues  
**Type of activity:** Guest Editor of an Special Issue  
**Convening entity:** International Journal of Molecular Sciences  
**Start-End date:** 01/09/2020 - 31/03/2021



## Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Assistant editor in scientific journal  
**Performed tasks:** Assistant Editor  
**Entity where activity was carried out:** Immunometabolism  
**Type of entity:** Scientific journal
- 2** **Name of the activity:** Associate Editor  
**Performed tasks:** Associate Editor  
**Entity where activity was carried out:** Frontiers in Physiology
- 3** **Name of the activity:** Evaluation of Basic Projects GETECCU  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** GETECCU
- 4** **Name of the activity:** Evaluation of Fresenius Kabi-GETECCU Projects  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** GETECCU
- 5** **Name of the activity:** Evaluation of the R&D Health Projects  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Instituto de Salud Carlos III  
**Type of entity:** Public Research Body
- 6** **Performed tasks:** Reviewer  
**Entity where activity was carried out:** Cellular Physiology and Biochemistry
- 7** **Performed tasks:** Reviewer  
**Entity where activity was carried out:** Diabetes Research and Clinical Practice
- 8** **Performed tasks:** Reviewer  
**Entity where activity was carried out:** Experimental and Molecular pathology
- 9** **Performed tasks:** Reviewer  
**Entity where activity was carried out:** International Immunopharmacology
- 10** **Performed tasks:** Reviewer  
**Entity where activity was carried out:** PLoS One
- 11** **Name of the activity:** Reviewer of international scientific journals  
**Performed tasks:** Reviewer  
**Entity where activity was carried out:** International Immunopharmacology
- 12** **Name of the activity:** Reviewer of international scientific journals  
**Performed tasks:** Reviewer  
**Entity where activity was carried out:** International journal of molecular sciences



- 13 Name of the activity:** Reviewer of international scientific journals  
**Performed tasks:** Reviewer  
**Entity where activity was carried out:** Nitric Oxide
- 14 Name of the activity:** Reviewer of international scientific journals  
**Performed tasks:** Reviewer  
**Entity where activity was carried out:** Life Sciences **Type of entity:** Scientific journal
- 15 Performed tasks:** Reviewer  
**Entity where activity was carried out:** Osteoarthritis **Type of entity:** Scientific journal & Cartilage
- 16 Performed tasks:** Reviewer and member of the Editorial Board  
**Entity where activity was carried out:** Cells

## Other achievements

### Stays in public or private R&D centres

- 1 Entity:** University Hospital Zurich-University of Zurich **Type of entity:** University  
**City of entity:** Zurich, Switzerland  
**Start-End date:** 14/01/2019 - 14/01/2020 **Duration:** 1 year  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Biochemistry and molecular biology techniques, animal experimentation
- 2 Entity:** Cancer Research Center-University of Salamanca **Type of entity:** University Research Institute  
**City of entity:** Salamanca, Castile and León, Spain  
**Start-End date:** 01/01/2016 - 31/12/2018 **Duration:** 3 years  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Biochemistry and molecular biology techniques, animal experimentation
- 3 Entity:** Queen Mary University  
**Faculty, institute or centre:** William Harvey Research Institute  
**City of entity:** London, Inner London, United Kingdom  
**Start-End date:** 02/02/2015 - 04/03/2015 **Duration:** 1 month - 2 days  
**Goals of the stay:** Predoctoral  
**Provable tasks:** Biochemistry and molecular biology techniques



## Obtained grants and scholarships

- 1** **Name of the grant:** Sara Borrell Postdoctoral Contracts  
**Awarding entity:** Instituto de Salud Carlos III  
**Conferral date:** 01/01/2016 **Duration:** 3 years  
**End date:** 31/12/2018  
**Entity where activity was carried out:** Cancer Research Center-University of Salamanca
- 2** **Name of the grant:** IDIS Predoctoral Contracts  
**Awarding entity:** Health Research Institute of Santiago de Compostela  
**Conferral date:** 01/01/2013 **Duration:** 3 years  
**End date:** 31/12/2015  
**Entity where activity was carried out:** Health Research Institute of Santiago de Compostela
- 3** **Name of the grant:** Miguel Servet  
**Aims:** Principal Investigator  
**Awarding entity:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Conferral date:** 20/01/2020  
**Entity where activity was carried out:** Health Research Institute of Santiago De Compostela
- 4** **Name of the grant:** ECCO Fellowship  
**Awarding entity:** European Crohn's and Colitis Organization  
**Conferral date:** 15/01/2019  
**Entity where activity was carried out:** Zürich University-University Hospital Zürich