CV date	02/03/2021

Part A. PERSONAL INFORMATION

First and Family name	Javier González Gallego		
ID number	45266087V	Age	65
Researcher numbers	Researcher ID (WOS)	D-8219-2012	
	Author ID (Scopus)	26643339500	
	Orcid code	0000-0002-4386-9342	

A.1. Current position

Name of Institution	Universidad de León		
Department/Centre	Institute of Biomedicine (IBIOMED)		
Address and Country	University Campus, 24071 León, Spain		
Phone number	+34 987 281624	E-mail	jgonga@unileon.es
Current position	Full Professor of Physiology	From	1987
UNESCO code	241100 - Human physiology		
Key words	Inflammation, antioxidants, liver, exercise		

A.2. Education

Bachelor/PhD	University	Year
Physiology PhD	University of Granada, Spain	1981
Medicine and Surgery MD	University of Granada, Spain	1981
Biology BSc	University of Granada, Spain	1977

A.3. General indicators

Number of six-year research periods (7, last 2019)
Supervised doctoral theses since 2010: 12
Bibliometric indicators:
Scopus: H-index 56, Citations 10,214
WOS (core collection): H-index 55; Total citations 9,812
Google Scholar: H-index 76, Total citations 24,890
ResearchGate: H-index 61, Total citations 12,328

Part B. CV SUMMARY

JGG (PhD, MD) is Full Professor of Physiology and Head until April 2018 of the Institute of Biomedicine (IBIOMED) at the University of León (Spain). Before joining Unileon in 1987 he was Senior Lecturer at the University of Salamanca (Spain) for five years, British Council Scholar at the University of Cambridge (UK) and Assistant Lecturer at the University of Granada (Spain). He has also served as Visiting Professor at the University of Leuven (Belgium) and Guest Professor at the University of Nanjing (China).
JGG has led and managed as principal investigator more than 30 competitive research projects (funded by the European Union and different Spanish research programs). He has served as associated editor for several peer-reviewed journals (i.e. J Pineal Res, Antioxidants), and has coauthored 15 books, 44 book chapters, more than 200 peer-reviewed papers (65% in the JCR 1st quartile) and around 500 scientific contributions at national and international conferences. Currently, he is the most cited author working at the University of León. He has 7 recognized research periods (last 2019) by CNEAI. To see Google Scholar profile click HERE).
He has expertise in research management and administration (Head of University Department, Scientific Director of Research Institute), research evaluation (Spanish, American and European programs), development of human capital (orientation of Spanish, European, South American, and Chinese Students), industrial partnership (contracts with different pharmaceutical companies), and international cooperation in science and technology (coordinator of EC projects, coordinator of postgraduate courses in South American Universities, Joint Projects with Italian, German, Swedish and British laboratories).

Part C. RELEVANT MERITS

C.1. Publications (representative)

- Melatonin as an antitumor agent against liver cancer: An updated systematic review. P. Fernández-Palanca, C. Méndez-Blanco, F. Fondevilla, et al. Antioxidants: 10, 103, 2021. JCR IF 5.01 (Q1, first decile)
- Exercise training modulates gut microbiota profile and impairs inflammatory signaling pathways in obese children. S. Sánchez-Campos, R. Quiroga, E. Nistal, et al. Exp Mol Med 52, 1048-1061, 2020. JCR IF 5.42 (Q1)
- Stabilization of hypoxia-inducible factors and BNIP3 promoter methylation contribute to acquired sorafenib resistance in hepatocellular carcinoma cells. C. Méndez-Blanco, F. Fondevila, P. Fernández-Palanca, et al. Cancers 11, 1984, 2019. JCR IF 6.12 (Q1)
- Interplay between specific gut microbiota phylotypes transplantation, diet and quercetin determines obesity-related non-alcoholic fatty liver disease (NAFLD) development in germ-free mice. D. Porras, E. Nistal, S. Martínez-Flórez, et al. Mol Nutr Food Res 63, e1800930, 2019. JCR IF 5.31 (Q1, first decile)
- Beneficial effects of exercise on gut microbiota functionality and barrier integrity, and gut-liver axis crosstalk in an in vivo model of early obesity and NAFLD. S. Carbajo-Pescador, D. Porras, M. V. García-Mediavilla, et al. Dis Mod Mech 12, dmm039206, 2019. JCR IF 4.65 (Q1).
- A network involving gut microbiota, circulating bile acids and hepatic metabolism genes that protects against non-alcoholic fatty liver disease. P. D. Petrov, M. V. García-Mediavilla, C. Guzmán, et al. Mol Nutr Food Res 63, 1900487, 2019. JCR IF 5.31 (Q1, first decile)
- Melatonin modulates dysregulated circadian clocks in mice with diethylnitrosamine-induced hepatocellular carcinoma. D. I. Sánchez, B. González-Fernández, I. Crespo, B. et al. J Pineal Res E12506, 2018. JCR IF 15.22 (Q1, first decile)
- Anti-inflammatory, immunomodulatory and prebiotic properties of dietary flavonoids. J. González-Gallego, M. V. García-Mediavilla, S. Sánchez-Campos, M. J. Tuñón. In *Polyphenols in Human Health and Disease*. Vol. 2. Ed. R. R. Watson, V. Preedy y S. Zibadi. Elsevier, Amsterdam, 2018, pp 327-345. ISBN 978-0-12-813008-7.
- Impact of resistance training on the autophagy-inflammation-apoptosis crosstalk in elderly subjects. Y. Mejias-Peña, B. Estébanez, P. Rodríguez-Miguelez, et al. Aging-US 9, 408-418, 2017. JCR IF 5.18 (Q1, first decile)
- Protective effect of quercetin on high-fat diet-induced non-alcoholic fatty liver disease in mice is mediated by modulating intestinal microbiota imbalance and related gut-liver axis activation. D. Porras, E. Nistal, S. Martínez-Flórez, et al. Free Radical Biol Med 102, 188-202, 2017. JCR IF 6.02 (Q1)
- Melatonin-induced increase in sensitivity of human hepatocellular carcinoma cells to sorafenib is associated with ROS production and mitophagy. N. Prieto-Domínguez, R. Ordóñez, A. Fernández, C., et al J Pineal Res 61, 396-407, 2016. JCR IF 10.39 (Q1, first decile)
- Melatonin limits the expression of profibrogenic genes and ameliorates the progression of hepatic fibrosis induced by carbon tetrachloride in rats. I. Crespo, B. San-Miguel, A. Fernández, et al. Traslat Res 165, 346-357, 2015. JCR IF 4.56 (Q1, first decile)
- Quercetin ameliorates dysregulation of lipid metabolism genes via the PI3K/AKT pathway in a diet-induced mouse model of nonalcoholic fatty liver disease. S. Pisonero-Vaquero, A. Martínez-Ferreras, M. V. García-Mediavilla, et al. Mol Nutr Food Res 59, 879-893, 2015. JCR IF 5.15 (Q1, first decile)
- Melatonin modulates the autophagic response in acute liver failure induced by the rabbit hemorrhagic disease virus. B. San-Miguel, I. Crespo, D. Vallejo, et al. J Pineal Res 56, 313-321, 2014. JCR IF 9.60 (Q1, first decile).
- The human liver fatty acid binding protein (FABP1) gene is activated by FOXA1 and PPARα; and repressed by C/EBPα: implications in FABP1 down-regulation in nonalcoholic fatty liver disease. C. Guzmán, M. Benet, S. Pisonero-Vaquero, et al. Biochimica Biophysica Acta. 1831, 803-818, 2013. JCR IF 4.97 (Q1)
- Inhibition of VEGF expression through blockade of HIF1alpha and STAT3 signaling mediates the anti-angiogenic effect of melatonin in HepG2 liver cancer cells. S. Carbajo-Pescador, R. Ordoñez, M. Benet, R. Jover, et al. Br J Cancer: 109, 83-91, 2013. JCR IF 4.82 (Q1)
- Melatonin attenuates inflammation and promotes regeneration in rabbits with fulminant hepatitis of viral origin. A. Laliena, B. San Miguel, I. Crespo, M. Alvarez, J. González-Gallego, M. J. Tuñón. J Pineal Res 53, 270-278, 2012. JCR IF 7.30 (Q1, first decile)

- Melatonin attenuates apoptotic liver damage in fulminant hepatic failure induced by the rabbit hemorrhagic disease virus. B. San Miguel, I. Crespo, M. Alvarez, et al J Pineal Res 50, 38-45, 2011. JCR IF 5.79 (Q1, first decile)
- Hepatic fatty acid translocase CD36 upregulation is associated with insulin resistance, hyperinsulinaemia and increased steatosis in non-alcoholic steatohepatitis and chronic hepatitis C. M. E. Miquilena-Colina, E. Lima-Cabello, S. Sánchez-Campos, et al. Gut 60, 1394-1402, 2011. JCR IF 17.01 (Q1, first decile)
- Melatonin prevents decreased activity of antioxidant enzymes and activates nuclear erythroid 2-related factor 2 signaling in an animal model of fulminant hepatic failure of viral origin. I. Crespo, B. San Miguel, M. Álvarez, et al. J Pineal Res. 49, 193-200, 2010. JCR IF 14.91 (Q1, first decile)

C.2. Research projects

- Efecto de la melatonina y su combinación con *Akkermansia muciniphila* sobre la composición y funcionalidad de la microbiota intestinal en el tratamiento de la fibrosis hepática. Consejería de Educación, Junta de Castilla y León. Lead investigator: Javier González Gallego. 2020-2022. Ref: Le017-P20.
- Efecto del ejercicio físico y quercetina y del trasplante de microbiota intestinal protectora o predisponente adicionada con *Akkermansia muciniphil*a en modelos de NAFLD. Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad. Lead investigator: Javier González Gallego. 2018-2020. Ref: BFU2017-87960-R.
- Estudio del efecto modulador del ejercicio físico sobre la microbiota intestinal y su repercusión en el desarrollo de obesidad y síndrome metabólico en niños. Consejería de Educación, Junta de Castilla y León. Lead investigator: Javier González Gallego. 2016-2018. Ref: LE063U16.
- Estudio del efecto del tratamiento con quercetina y del trasplante de microbiota intestinal en modelos experimentales de hígado graso no alcohólico. Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad. Lead investigators: Javier González Gallego, Sonia Sánchez Campos. 2014-2016. Ref: BFU2013-48141-R.
- Efecto de flavonoides sobre el desarrollo de esteatosis, esteatohepatitis y hepatocarcinoma en modelos *in vivo* e *in vitro* de NAFLD. Consejería de Educación, Junta de Castilla y León. Lead investigator: Javier González Gallego. 2013-2015. Ref: LE135U13.
- Papel del LXRalfa y de genes lipogénicos e inflamatorios en el desarrollo de esteatosis: efectos de un tratamiento con quercetina. Plan Nacional de I+D, Programa de Investigación Fundamental no orientada. Lead investigator: Javier González Gallego. 2011-2013. Ref: BFU2010-15784.
- Mediadores y vías de señalización involucrados en el desarrollo de alteraciones oxidativas/inflamatorias: efectos protectores de diversas aproximaciones terapéuticas. Programas de actividad investigadora de Grupos de Investigación de Excelencia de Castilla y León. Lead investigator: Javier González Gallego. 2009-2011. Ref. GR17.
- Estudio de los mecanismos patogénicos de la hepatitis C en un modelo *in vitro*: efectos de una terapia antioxidante con flavonoides. Plan Nacional de I+D, Programa de Biología Fundamental. Lead investigator: Javier González Gallego. 2008-2010. Ref: BFU2007-6297.7.

C.3. Contracts

- Estudio del efecto de inhibidores de tirosína quinasas en la modulación de la superviviencia y muerte celular en diferentes tipos de cáncer. Fundación para la Investigación Sanitaria en León. Lead investigator: José L. Mauriz Gutiérrez, Javier González Gallego. 2018-2019.
- Efecto de moléculas antioxidantes sobre la progresión de NAFLD a hepatocarcinoma. Fundación para la Investigación Sanitaria en León. Lead investigator: Javier González Gallego. 2013-2015.
- Estudio del papel de diversos factores de transcripción en la carcinogénesis hepática. Fundación para la Investigación Sanitaria en León. Lead investigator: José L. Mauriz Gutiérrez, Javier González Gallego. 2012-2013.
- Fruit polyphenols, immunity and inflammation. Glaxo-Smith-Kline. Lead investigators: María J. Tuñón González, Javier González Gallego. 2009.
- Efecto de la cardiotrofina en un modelo animal de fallo hepático fulminante de etiología vírica. Digna Biotech SL. Lead investigator: María J. Tuñón González. 2008-2011.

C.4. Institutional responsibilities

- Head, Department of Physiology/Biomedical Sciences, University of León. 1988-2006.
- Head, Institute of Biomedicine (IBIOMED), University of León. 2006-2018.

C.5. Doctoral theses supervised (representative)

- Modulación de la autofagia selectiva y no selectiva por melatonina en condiciones de normoxia e hipoxia: potencial interés en el tratamiento del hepatocarcinoma con sorafenib. Néstor Prieto Domínguez (present position: postdoctoral researcher Louisiana State University Health Shreveport, USA). Universidad de León. 2018. Supervisors: José L. Mauriz Gutierrez and Javier González Gallego. Sobresaliente "cum laude". International Doctorate.
- Efecto de la melatonina en la migración celular y en las vías de supervivencia y muerte celulares en hepatocarcinoma. Raquel Ordoñez Fernández (Present position: Research Scientist, mAbxcience). Universidad de León. 2017. Supervisors: José L. Mauriz Gutierrez and Javier González Gallego. Sobresaliente "cum laude". International Doctorate.
- Efecto de una dieta rica en licopeno y de la práctica de ejercicio físico sobre los niveles de lípidos en sangre y el porcentaje de grasa corporal en adultos con dislipemia". Reyna Mª Cruz Bojorquez (Present position: Academy member, Universidad Autónoma de Yucatán). Universidad de León. 2014. Supervisors: Javier González Gallego and Pilar Sánchez Collado. Sobresaliente "cum laude".
- Efectos de la administración de melatonina sobre los mecanismos de proliferación y apoptosis en células tumorales hepáticas. Sara Carbajo Pescador (Present position: Research Scientist, mAbxcience). Universidad de León. 2013. Supervisors: José L. Mauriz Gutierrez and Javier González Gallego. Sobresaliente "cum laude". European Doctorate.
- Efectos del entrenamiento excéntrico sobre el daño muscular y la vía de señalización del Toll-Like Receptor 4 (TLR4). Rodrigo Fernández Gonzalo (Present position: Laboratory Head, Karolinska Institutet, Sweden). Universidad de León. 2011. Supervisors: Javier González Gallego and José A. De Paz Fernández. Sobresaliente "cum laude". European Doctorate.

C.6. Academic assessment/evaluation

- Evaluator/member of committees for different organisms and agencies: European Union, National Institutes of Health (NIH), Instituto de Salud Carlos III, Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA), Agencia Nacional de Evaluación y Propectiva (ANEP), Israel Science Foundation, SINAES Costa Rica, RPF Chipre, Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU), Agència Valenciana d'Avaluació i Prospectiva (AVAP), Fundación Madrid+d, Agencia de Calidad y Prospectiva Universitaria de Aragón (ACPUA), Agencia de Calidad del Sistema Universitario Vasco (UNIBASQ), Agencia de Calidad Universitaria de las Illes Balears (AQUIB), AENOR, and others.
- More than 90 reviews for JCR-indexed journals (click HERE).

C7. Other merits

- Teaching activities for graduate and postgraduate students (Biology, Pharmacy, Biotechnology, Nursery, Medicine, Veterinary, Sport Sciences). Universities of Granada, Leuven, Salamanca, León, UNIA, Braganza, Libertador-Caracas, ULBRA-Brasil. Since 1978.
- Coordinator of a Doctoral Program. University of León. Mención de Honor, Agencia Universitaria Iberoamericana de Posgrado and Mención Hacia la Excelencia, Ministerio de Educación. Since 2003.
- Editorial Board of scientific journals indexed in JCR: Journal of Pineal Research, PLOS One, Antioxidants, World Journal of Gastroenterology, Nutrición Hospitalaria.
- British Council Scholar, University of Cambridge, U.K. 1982-1983.
- Visiting Professor, Department of Medical Research, University of Leuven, Belgium. 1990.
- Guest Professor, Nanjing University, China. 1996.
- Member of the Health Regional Council of Castilla y León. 1996-2017.
- Node head, Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas (CIBERehd). 2007-present.
- Head, Grupo de Investigación de Excelencia (GR17), Junta de Castilla y León. 2007-2015.
- Head, Unidad de Investigación Consolidada (UIC 064), Junta de Castilla y León. 2015-present.