

Date of the CVA

29/06/2020

Section A. PERSONAL DATA

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|------------------------------------|----------------------------|---------------------|--|
| Name and Surname | Rogelio González Sarmiento | | |
| DNI/NIE/Passport | | Age | |
| Researcher's identification number | Researcher ID | V-5526-2019 | |
| | Scopus Author ID | 7003610506 | |
| | ORCID | 0000-0002-2726-6795 | |

A.1. Current professional situation

| | | | |
|-----------------------|--------------------------|------------|------|
| Institution | Universidad de Salamanca | | |
| Dpt. / Centre | Medicina / Medicina | | |
| Address | | | |
| Phone | | Email | |
| Professional category | Catedrático | Start date | 1998 |
| UNESCO spec. code | 320504 - Haematology | | |
| Keywords | | | |

A.2. Academic education (Degrees, institutions, dates)

| Bachelor/Master/PhD | University | Year |
|----------------------------------|-----------------------------------|------|
| MIR Hematología y Hemoterapia | Ministerio de Sanidad y Consumo | 1985 |
| Avances en Medicina Interna | Salamanca | 1980 |
| Licenciado en Medicina y Cirugía | MINISTERIO DE EDUCACION Y CIENCIA | 1979 |

A.3. General quality indicators of scientific production

Previous scientific professional activities. 1980-1983: Predoctoral MEC fellowship (University of Salamanca); 1985-1987: Fulbright-MEC fellowship (University of Minnesota); 1987-1989: MEC Rejoin fellowship (University Hospital of Salamanca); 1990-1991: EMBO fellowship (MRC-Cambridge). 1989-1998: Profesor Titular (University of Salamanca)

Total projects: National: 32; Regional: 28.

Projects since 2015: National: 2; Regional: 5; Others: 2

H index in WOS: 32 . SCOPUS: 33. Google Scholar: 38.

Book chapters: 34

Papers in PubMed as Gonzalez-Sarmiento R: 228; as Sarmiento RG: 10. Total: 238.

Number of papers in PubMed since 2015: 71. Q1: 33 (11D1), Q2: 19, Q3: 9, Others: 10.

Author of correspondence since 2015: 31 manuscripts (11Q1).

Impact factor since 2015: 325,41. (Total Impact factor: >1000)

Number of PhD Thesis since 2015: 28 (19 co-director) (2 Premios extraordinario; 3: European PhD)

Section B. SUMMARY OF THE CURRICULUM

1991-2000. Miembro del Consejo de Investigación de la USAL.

1995-1996 y 1999-2000. Vicedecano de Investigación de la Facultad de Medicina de la USAL.

2004-2013. y 2017-2020. Director del Departamento de Medicina de la USAL

2007-2011. Presidente del Comité de Evaluación de Ciencias de la Salud de la Agencia de Calidad Universitaria de Castilla La Mancha (ACUCM).

2008-2020. Miembro electo del Claustro de la USAL

2008-2020. Miembro del Consejo de Gobierno de la USAL

2013-2020 Director científico del Instituto de Investigación Biomédica de Salamanca (IBSAL) acreditado por el ISCIII

Acreditación en Genética Humana por la asociación Española de Genética Humana

Académico de número de la Real Academia de Medicina de Salamanca (since 2008)
Premio María de Maeztu de USAL a la Excelencia Científica (2013)
7 tramos docentes reconocidos (1982-2017)
6 tramos de investigación reconocidos (1982-2018)

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

- 1 **Scientific paper.** García-Tuñón, I.; et al. (10/9). 2020. Establishment of a conditional Nomo1 mouse model by CRISPR/Cas9 technology Molecular Biology Reports. 47-2, pp.1381-1391.
- 2 **Scientific paper.** Miramontes-Gonzalez, J.P.; et al. (16/14). 2019. A new common functional coding variant at the DDC gene change renal enzyme activity and modify renal dopamine function Scientific Reports. 9-1.
- 3 **Scientific paper.** García, J.P.; et al. (19/19). 2019. Association of polyps with early-onset colorectal cancer and throughout surveillance: novel clinical and molecular implications Cancers. 11-12.
- 4 **Scientific paper.** Tapial, S.; et al. (16/13). 2019. Cimp-Positive Status is More Representative in Multiple Colorectal Cancers than in Unique Primary Colorectal Cancers Scientific Reports. 9-1.
- 5 **Scientific paper.** Álvaro, E.; et al. (19/18). 2019. Clinical and molecular comparative study of colorectal cancer based on age-of-onset and tumor location: Two main criteria for subclassifying colorectal cancer International Journal of Molecular Sciences. 20-4.
- 6 **Scientific paper.** Fernández-Mateos, J.; et al. (14/13). 2019. Genetic susceptibility in head and neck squamous cell carcinoma in a spanish population Cancers. 11-4.
- 7 **Scientific paper.** Hernández-Martín, A.; et al. (13/9). 2019. Imbalance in T-helper 17 cells and targeted therapy in an infant with SAM-like syndrome New England Journal of Medicine. 381-22, pp.2176-2178.
- 8 **Scientific paper.** Arriba, M.; et al. (14/12). 2019. Intermediate-onset colorectal cancer: A clinical and familial boundary between both early and late-onset colorectal cancer PLoS ONE. 14-5.
- 9 **Scientific paper.** Usategui-Martín, R.; et al. 2019. Meta-analysis of the rs243865 MMP-2 polymorphism and age-related macular degeneration risk PLoS ONE. 14-3.
- 10 **Scientific paper.** Perea, J.; et al. (14/14). 2019. Redefining synchronous colorectal cancers based on tumor clonality International Journal of Cancer. 144-7, pp.1596-1608.
- 11 **Scientific paper.** Miramontes-González, J.P.; et al. 2019. VEGFR2 and OPG genes modify the risk of subclinical coronary atherosclerosis in patients with familial hypercholesterolemia Atherosclerosis. 285, pp.17-22.
- 12 **Scientific paper.** Usategui-Martín, Ricardo; et al. (8/8). 2018. Polymorphisms in genes implicated in base excision repair (BER) pathway are associated with susceptibility to Paget's disease of bone BONE. ELSEVIER SCIENCE INC. 112, pp.19-23. ISSN 1873-2763.
- 13 **Scientific paper.** Perretta-Tejedor, Nuria; et al. (12/11). 2018. Association of VAV2 and VAV3 polymorphisms with cardiovascular risk factors (vol 7, 2017) SCIENTIFIC REPORTS. 8. ISSN 2045-2322.
- 14 **Scientific paper.** Brandariz, Lorena; et al. (17/16). 2018. Differential clinicopathological and molecular features within late-onset colorectal cancer according to tumor location. Oncotarget. 9-20, pp.15302-15311. ISSN 1949-2553.
- 15 **Scientific paper.** Fuentes-Calvo, Isabel; et al. 2018. Influence Of Angiogenic Mediators And Bone Remodelling In Paget's Disease Of Bone INTERNATIONAL JOURNAL OF MEDICAL SCIENCES. IVYSPRING INT PUBL. 15-11, pp.1210-1216. ISSN 1449-1907.

- 16 **Scientific paper.** Ferreira, M.G.; et al. (4/3). 2018. Changes in the Management and Prognosis of Ovarian Cancer Due to the New FIGO and WHO Classifications: A Case Series Observational Descriptive Study. Seven Years of Follow-up International Journal of Gynecological Cancer. 28-8, pp.1461-1470.
- 17 **Scientific paper.** Fernández Mateos, J.; et al. (13/13). 2017. Analysis of autophagy gene polymorphisms in Spanish patients with head and neck squamous cell carcinoma. Scientific reports. 7-1, pp.6887. ISSN 2045-2322.
- 18 **Scientific paper.** Alonso, N.; et al. (22/22). 2017. Novel clinical and molecular findings in Spanish patients with Nevoid Basal Cell Carcinoma Syndrome. The British journal of dermatology. ISSN 1365-2133.
- 19 **Scientific paper.** Aung, T.; et al. (289/206). 2017. Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature genetics. 49-7, pp.993-1004. ISSN 1546-1718.
- 20 **Scientific paper.** Perea, J.; et al. (8/8). 2017. NOMO-1 gene is deleted in early-onset colorectal cancer. Oncotarget. 8-15, pp.24429-24436. ISSN 1949-2553.
- 21 **Scientific paper.** Arriba, M.; et al. (11/10). 2017. Toward a Molecular Classification of Synchronous Colorectal Cancer: Clinical and Molecular Characterization. Clinical colorectal cancer. 16-1, pp.31-37. ISSN 1938-0674.
- 22 **Scientific paper.** Arriba, M.; et al. (11/10). 2017. Unsupervised Analysis of Array Comparative Genomic Hybridization Data from Early-Onset Colorectal Cancer Reveals Equivalence with Molecular Classification and Phenotypes. Neoplasia (New York, N.Y.). 19-1, pp.28-34. ISSN 1476-5586.
- 23 **Scientific paper.** Al Ali, R.; González Sarmiento, R. (2/2). 2016. Proximity of AUG sequences to initiation codon in genomic 5' UTR regulates mammalian protein expression. Gene. 594-2, pp.268-271. ISSN 1879-0038.
- 24 **Scientific paper.** Fernández Mateos, J.; et al. (12/11). 2016. Epidermal growth factor receptor (EGFR) pathway polymorphisms as predictive markers of cetuximab toxicity in locally advanced head and neck squamous cell carcinoma (HNSCC) in a Spanish population. Oral oncology. 63, pp.38-43. ISSN 1879-0593.
- 25 2020. VAV3 rs7528153 and VAV3-AS1 rs1185222 polymorphisms are associated with an increased risk of developing hypertension
- 26 2020. A mutation in p62 protein (p. R321C), associated to Paget's disease of bone, causes a blockade of autophagy and an activation of NF-κB pathway
- 27 Alonso, N.; et al. (61/35). 2017. Identification of a novel locus on chromosome 2q13, which predisposes to clinical vertebral fractures independently of bone density. Annals of the rheumatic diseases. ISSN 1468-2060.
- 28 Agustí, J.; et al. 2017. Familial seborrhoeic keratosis associated with multiple "pure reticulated acanthomas" and infundibulocystic basal cell carcinomas. The British journal of dermatology. ISSN 1365-2133.

C.2. Participation in R&D and Innovation projects

- 1 Correlación clínico molecular del receptor de andrógenos y sus isoformas en pacientes con cáncer de próstata metastásico y resistente a la castración farmacológica Asociación Española Contra el Cáncer. 1. (Instituto de Investigación Blomédica de Salamanca (IBSAL)). 2017-2019. 40.000 €.
- 2 PI16/01920, Estudio clínico y molecular del complejo NOMO/NICALINA/TEMEM147 y la vía Nodal en cáncer Instituto de Salud Carlos III. Rogelio González Sarmiento. (IBSAL). 2016-2019. 98.615 €.
- 3 PIE14/00066, Proyecto CARTIER Instituto de Salud Carlos III. Proyectos de excelencia. Rogelio González Sarmiento. (IBSAL). 2015-2018. 50.000 €.
- 4 PI13/01741, Estudio de polimorfismos de genes implicados en autofagia y susceptibilidad a padecer enfermedades. Estudio del gen y proteínas SQSTM1/p62 en enfermedad. Rogelio González Sarmiento. (IBSAL). 2014-2016. 113.740 €. Co-ordinator.

C.3. Participation in R&D and Innovation contracts

C.4. Patents

- 1 José Perea García; Juan Luis García Hernández; Jessica Perez García; Rogelio González Sarmiento; Miguel Urioste; Daniel Rueda Fernández; María Arriba Domenech. PCT/ES2016/070929. BIOMARCADOR PARA EL DIAGNÓSTICO, PRONÓSTICO Y SEGUIMIENTO DE CÁNCER COLORRECTAL DE APARICIÓN PRECOZ Spain. 29/03/2017. IBSAL, Instituto de Investigación 12 de Octubre, CNIO.
- 2 Rogelio González Sarmiento; Miguel Rodríguez Manotas; Javier Fernández Mateos; Juan Carlos Gallar Ruiz; David Florenciano Gómez. 201531891. ANTIPRESENILIN ANTIBODY FOR USE IN THE PREVENTION AND/OR TREATMENT OF CANCER Spain. 2016. IBSAL, USAL, Alzheimer SL, UCAM.
- 3 Ángeles Almeida Parra; José Carlos Gómez Sánchez; Juan Pedro Bolaños Hernández; José Castillo Sánchez; Rogelio González Sarmiento; Tomás Sobrino Moreiras; María Delgado Esteban. ES2370209B1. MÉTODO PARA EL PRONÓSTICO DEL ICTUS Spain. 20/12/2012. IECSCYL/USAL.