

CV Date	02/03/2022
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Part A. PERSONAL INFORMATION

First Name *	Alfonso		
Family Name *	Rodríguez Gil		
Researcher's identification number	Open Researcher and Contributor ID (ORCID) *	0000-0003-4430-077X	
	Researcher ID	O-2475-2016	
	Scopus Author ID	12778698200	

* Mandatory

A.1. Current position

Job Title	Investigador Principal Emergente		
Starting date	2022		
Institution	Universidad de Sevilla		
Department / Centre	Fisiología Médica y Biofísica / Facultad de Medicina		
Country		Phone Number	
Keywords	Molecular mechanism of disease; Laboratoy animals; Cell culture; Cell biology; Molecular biology; Genetic engineering; Insanity senile (alzheimer, parkinson)		

A.2. Previous positions

Period	Job Title / Name of Employer / Country
2019 - 2021	Investigador Posdoctoral / CONSORCIO CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED, M.P. (CIBER)
2016 - 2019	Investigador Posdoctoral / INSTITUTO DE BIOMEDICINA DE SEVILLA
2013 - 2016	Investigador Postdoctoral / Justus Liebig Universität Giessen / Germany
2009 - 2013	Investigador Postdoctoral / Max Planck Institut für Immunbiologie und Epigenetik, Freiburg

A.3. Education

Degree/Master/PhD	University / Country	Year
Programa Oficial de Doctorado en Biología Molecular y Celular	Universidad de Sevilla / Spain	2008
Licenciado en Biología	Universidad de Sevilla	2001

A.4. General quality indicators of scientific production

Quality indicator summary

H index: 15 (Google Scholar)

Total citations (January 2022): 1044 (Google Scholar)

Total IF: 125.915 (JCR)

Average IF: 6,18 (JCR)

Number of publications: 21

Publications as first author: 4 (2 as corresponding author)

Publications in first decil (D1): 9

Publications in first quartil (Q1): 14 (2 as first author)
Publications in second quartil (Q2): 6 (2 as first author)
3 regional projects as IP or CoIP

Part B. CV SUMMARY

Research career summary:

1996-2001: Bachelor in Biology. University of Seville.

1999-2001: Undergraduate student. Department of Genetics, University of Seville. Supervisor: Sebastián Chávez de Diego. Project: Screening of transcription elongation mutants in *S. cerevisiae* using the LacZ gene as reporter.

2001-2008: PhD. Department of Genetics, University of Seville. Supervisor: Sebastián Chávez de Diego. Project: Functional genomics of transcription elongation in *S. cerevisiae*.

During this period, collaboration with the company Ingeniatics Technologies in the development of new encapsulation technologies.

15th January-15th March 2007- Visiting student in the Department of Molecular and Cellular Pharmacology of the University of California -San Francisco. Supervisor: Nevan J. Krogan.

2008-2009: Postdoctoral researcher. Department of Genetics, University of Seville. Supervisor: Sebastián Chávez de Diego. Project: Functional genomics of transcription elongation in *S. cerevisiae*.

2009-2013: Postdoctoral researcher. Department of Molecular and Cellular Immunology, Max Planck Institute of Immunobiology and Epigenetics, Freiburg im Breisgau, Germany. Supervisor: Rudolf Grosschedl. Project: Role of the interaction between the Ccr4-NOT complex and the transcription factor EBF1 in B cell development in mouse.

2013-2016: Postdoctoral researcher. Institute of Biochemistry, Faculty of Human Medicine. Justus Liebig University of Giessen, Germany. Supervisor: M. Lienhard Schmitz. Projects: Interregulation of the Ccr4-NOT complex and the cell signaling kinase HIPK2 / Role of the Ccr4-NOT complex in the repression of the Major Histocompatibility Complex Class II genes.

Since December 2016: Postdoctoral researcher. Institute of Biomedicine of Seville –University Hospital Virgen del Rocío. Supervisor: Dr. José Antonio Pérez Simón. Project: Murine models for the development of a cell therapy against Graft versus Host Disease based on Regulatory T cells. PI of the project PI-0052-2018 "Generación de Linfocitos T reguladores inducidos para el tratamiento de la Enfermedad Injerto contra Huésped", and CoPI of the project P18-RT-4047 "Terapia celular con linfocitos T reguladores en el tratamiento de la enfermedad injerto contra receptor: Ensayo clínico fase II y optimización en modelos animales", funded by the Andalusian Regional Government. Also Collaboration with the group of Dr. Juan José Toledo Aral in the generation of CAR-Treg for the treatment of Parkinson Disease (IP of the project US-1380874 of the University of Seville).

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.** Estefanía García-Guerrero; Ralph Götz; Sören Doose; et al; Alfonso Rodríguez-Gil; Sophia Danhof. (5/10). 2021. Upregulation of CD38 Expression on Multiple Myeloma Cells by Novel HDAC6 Inhibitors is a Class Effect and Augments the Efficacy of Daratumumab Leukemia. Nature Publishing Group. in press. ISSN 0887-6924. <https://doi.org/10.1038/s41375-020-0840-y>
- 2 **Scientific paper.** Ramos-Saenz, Ana; Gonzalez-Alvarez, Daniel; Rodriguez-Galan, Olga; Rodriguez-Gil, Alfonso; Gaspar, Sonia G; Villalobo, Eduardo; Dosil, Mercedes; de la Cruz, Jesus. (4/8). 2019. Pol5 is an essential ribosome biogenesis factor required for 60S ribosomal subunit maturation in *Saccharomyces cerevisiae* RNA. pp.rna.072116.119-rna.072116.119. ISSN 1355-8382. SCOPUS (1) <https://doi.org/10.1261/rna.072116.119>
- 3 **Scientific paper.** Carrillo-Cruz, Estrella; García-Lozano, José R; Márquez-Malaver, Francisco J; et al; Rodríguez-Gil, Alfonso; Pérez-Simón, José A. (14/17). 2019. Vitamin D Modifies the Incidence of Graft-versus-Host Disease after Allogeneic Stem Cell Transplantation Depending on the Vitamin D Receptor (VDR) Polymorphisms. *Clinical cancer research : an official journal of the American Association for Cancer Research*. ISSN 1078-0432. SCOPUS (4) <https://doi.org/10.1158/1078-0432.CCR-18-3875>
- 4 **Scientific paper.** Rodríguez-Gil, Alfonso (AC); Riedlinger, Tabea; Ritter, Olesja; Saul, Vera V.; Schmitz, M. Lienhard. (1/5). 2018. Formaldehyde-assisted Isolation of Regulatory Elements to Measure Chromatin Accessibility in Mammalian Cells *Journal of Visualized Experiments*. 134. ISSN 1940-087X. SCOPUS (2) <https://doi.org/10.3791/57272>
- 5 **Scientific paper.** Rodríguez-Gil, Alfonso (AC); Ritter, Olesja; Saul, Vera V.; et al; Schmitz, M. Lienhard. (1/10). 2017. The CCR4-NOT complex contributes to repression of Major Histocompatibility Complex class II transcription *Scientific reports*. 7-1, pp.3547. ISSN 2045-2322. SCOPUS (8) <https://doi.org/10.1038/s41598-017-03708-7>
- 6 **Scientific paper.** Yang, Cheng-yuan; Ramamoorthy, Senthilkumar; Boller, Sören; et al; Rodríguez Gil, Alfonso; Grosschedl, Rudolf. (5/9). 2016. Interaction of CCR4-NOT with EBF1 regulates gene-specific transcription and mRNA stability in B lymphopoiesis *Genes & Development*. pp.1-15. ISSN 0890-9369. SCOPUS (9) <https://doi.org/10.1101/gad.285452.116>
- 7 **Scientific paper.** Rodríguez-Gil, Alfonso; Ritter, Olesja; Hornung, Juliane; et al; Schmitz, M Lienhard. (1/9). 2016. HIPK family kinases bind and regulate the function of the CCR4-NOT complex. *Molecular biology of the cell*. 27-12, pp.1969-80. ISSN 1059-1524. SCOPUS (6) <https://doi.org/10.1091/mbc.E15-09-0629>
- 8 **Scientific paper.** Rodríguez-Gil, Alfonso; García-Martínez, José; Pelechano, Vicent; Muñoz-Centeno, María de la Cruz; Geli, Vincent; Pérez-Ortín, José E; Chávez, Sebastián. (1/7). 2010. The distribution of active RNA polymerase II along the transcribed region is gene-specific and controlled by elongation factors. *Nucleic acids research*. 38-14, pp.4651-64. ISSN 0305-1048. SCOPUS (34)
- 9 **Scientific paper.** Contreras, Laura; Rodríguez-Gil, Alfonso; Muntané, Jordi; de la Cruz, Jesús. (2/4). 2022. Broad Transcriptomic Impact of Sorafenib and Its Relation to the Antitumoral Properties in Liver Cancer Cells *Cancers*. 14-5, pp.1204-1204. ISSN 2072-6694. <https://doi.org/10.3390/cancers14051204>
- 10 **Scientific paper.** Ramos, Teresa Lopes; García-Guerrero, Estefanía; Caballero-Velázquez, Teresa; et al; Rodríguez-Gil, Alfonso; Pérez-Simón, José Antonio. (4/9). 2021. Delayed administration of ixazomib modifies the immune response and prevents chronic graft-versus-host disease *Bone Marrow Transplantation*. in press. ISSN 0268-3369. <https://doi.org/10.1038/s41409-021-01452-1>

C.3. Research projects and contracts

- 1 **Project.** US-1380874, Generación de linfocitos CAR-T reguladores para el tratamiento de la enfermedad de Parkinson. Junta de Andalucía. Rodríguez Gil Alfonso. (Universidad de Sevilla). 01/01/2022-31/12/2023. 100.000 €.

- 2 **Project.** P18-RT-4047, Terapia celular con linfocitos T reguladores en el tratamiento de la enfermedad injerto contra receptor: Ensayo clínico fase II y optimización en modelos animales (COMPETITIVO). CONSEJERÍA DE ECONOMÍA, CONOCIMIENTO, EMPRESAS Y UNIVERSIDAD. José Antonio Pérez Simón. (Instituto de Biomedicina de Sevilla-Hospital Virgen del Rocío). 01/01/2020-31/12/2022. 119.652 €. Principal investigador.
- 3 **Project.** PI-0052-2018, Generación de linfocitos T reguladores inducidos para el tratamiento de la Enfermedad Injerto Contra Huésped (COMPETITIVO). Consejería de Salud, Junta de Andalucía. Alfonso Rodríguez Gil. (Instituto de Biomedicina de Sevilla (IBiS)). 01/01/2019-31/12/2021. 59.984,96 €. Principal investigador.
- 4 **Contract.** Preclinical study of the combined use of Ruxolitinib and T regs for the treatment of cGvHD Novartis. Alfonso Rodríguez Gil. 01/09/2018-01/06/2019. 33.318,3 €.
- 5 **Contract.** Evaluating the efficacy of the systemic administration of CAP-2003 in a chronic GVHD mouse model Capricor. Alfonso Rodríguez Gil. 12/06/2017-12/08/2017. 7.741,8 €.

C.4. Activities of technology / knowledge transfer and results exploitation

- 1 **Patent of invention.** ALFONSO MIGUEL GAÑAN CALVO; SEBASTIAN CHAVEZ DE DIEGO; ALFONSO RODRÍGUEZ GIL; MARÍA FLORES MOSQUERA; LUCIA MARTIN BANDERAS; ANGEL CEBOLLA RAMIREZ. PROCEDIMIENTO Y DISPOSITIVO PARA LA OBTENCIÓN DE PARTÍCULAS DE TAMAÑO MICRO Y NANOMÉTRICO
- 2 **Patent of invention.** ALFONSO MIGUEL GAÑAN CALVO; LUCIA MARTIN BANDERAS; SEBASTIAN CHAVEZ DE DIEGO; ALFONSO RODRÍGUEZ GIL; ANGEL CEBOLLA RAMIREZ; MARÍA FLORES MOSQUERA. METHOD AND DEVICE FOR OBTAINING MICRO AND NANOMETRIC SIZE PARTICLES
- 3 **Patent of invention.** SEBASTIAN CHAVEZ DE DIEGO; ALFONSO RODRÍGUEZ GIL. MÉTODO PARA EL ENSAYO DE LA EXPRESIÓN DEL GENOMA DE UNA MUESTRA BIOLÓGICA Y KIT PARA SU REALIZACIÓN.
- 4 **Patent of invention.** ALFONSO MIGUEL GAÑAN CALVO; SEBASTIAN CHAVEZ DE DIEGO; ALFONSO RODRÍGUEZ GIL; MARÍA FLORES MOSQUERA; ANGEL CEBOLLA RAMIREZ. SOLID SUPPORT FOR SOLID-PHASE CHEMICAL SYNTHESIS AND/OR BINDING AND USE METHOD THEREOF
- 5 **Patent of invention.** ALFONSO MIGUEL GAÑAN CALVO; ANGEL CEBOLLA RAMIREZ; MARÍA FLORES MOSQUERA; ALFONSO RODRÍGUEZ GIL; SEBASTIAN CHAVEZ DE DIEGO. SOPORTE SÓLIDO PARA LA UNIÓN Y/O SÍNTESIS QUÍMICA EN FASE SÓLIDA Y PROCEDIMIENTO DE UTILIZACIÓN