

## Curriculum Vitae **Francesc R. Garcia-Gonzalo, Ph.D.**

Born: June 10, 1976 (Barcelona, Spain)

Mail address: Facultad de Medicina UAM  
Departamento de Bioquímica (Lab C-11)  
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### Education and Professional Experience

- Apr 2021 – present      **Associate Professor (Profesor Contratado Doctor)**  
Departamento de Bioquímica, Facultad de Medicina, UAM  
Instituto de Investigaciones Biomédicas Alberto Sols CSIC-UAM (IIBM)  
CIBER de Enfermedades Raras, Instituto de Salud Carlos III (CIBERER)  
Instituto de Investigación del Hospital Universitario de La Paz (IdiPAZ)
- Nov 2015 – Mar 2021      **Ramon y Cajal Investigator**  
Departamento de Bioquímica, Facultad de Medicina, UAM  
IIBM, IdiPAZ, CIBERER
- Mar 2014 – Oct 2015      **Associate Specialist**  
Department of Biochemistry and Biophysics  
University of California, San Francisco (UCSF)  
Supervisor: Dr. Jeremy F. Reiter
- Mar 2008 – Feb 2014      **Postdoctoral Fellow**  
Department of Biochemistry and Biophysics, UCSF  
Supervisor: Dr. Jeremy F. Reiter
- Sep 2006 – Feb 2008      **Postdoctoral Fellow**  
Gene Expression Laboratory  
The Salk Institute for Biological Studies (La Jolla, USA)  
Supervisor: Dr. Juan Carlos Izpisua Belmonte
- Jul 2005 – Sep 2006      **Postdoctoral Fellow**  
Cell and Developmental Biology  
University of California, San Diego (UCSD)  
Supervisor: Dr. Vivek Malhotra
- June 2005      **Ph.D. in Biochemistry**  
Dissertation: "*Functional Characterization of the HERC1 protein*"  
University of Barcelona
- Jan 2001 – Apr 2001      **Visiting Ph.D. Student**  
Institute for Biochemistry and Endocrinology  
Justus Liebig University (Giessen, Germany)  
Supervisors: Dr. Erich Eigenbrodt & Dr. Sybille Mazurek
- Jan 1999 – Jun 2005      **Ph.D. Student**  
Department of Physiological Sciences II  
University of Barcelona  
Supervisor: Dr. Jose Luis Rosa
- Sep 1998 – Jan 1999      **Associate Researcher**  
Bellvitge University Hospital (Hospitalet, Spain)  
Supervisors: Dr. Jose M. Caminal & Dr. Jose L. Rosa

June 1998 **Degree in Biochemistry with Highest Honors**  
Faculty of Sciences  
Autonomous University of Barcelona

Sep 1997 – Jun 1998 **Undergraduate Research Assistant**  
Institute for Biotechnology and Biomedicine  
Autonomous University of Barcelona  
Supervisor: Dr. Enrique Querol

## Teaching Experience

Nov 2015 - present

### **Department of Biochemistry, School of Medicine, UAM**

#### Degree in Biochemistry:

- Cellular Control and Organization I (3<sup>rd</sup> year, theory & seminars, 2020-on)
- Developmental Biology (4<sup>th</sup> year, inverted classroom, 2018-on)
- Experimental Design & Execution (4<sup>th</sup> year, board of examiners, 2016-2023)
- Final Degree Project (4<sup>th</sup> year, board of examiners, 2016-2023)

#### Degree in Medicine:

- Biochemistry & Molecular Biology (1<sup>st</sup> year, practicals, 2015-on)
- Human Biochemistry & Biophysics (2<sup>nd</sup> year, practicals, 2015-2020)
- Introduction to Biomedical Research (3<sup>rd</sup> year, mentor, 2016-on)

#### Master in Molecular Biomedicine:

- Critical Analysis of Scientific Literature (since 2016; coordinator since 2019)
- Final Master Project (board of examiners, 2022-on)

#### Master in Biotechnology:

- Critical Analysis of Scientific Literature (since 2016; coordinator since 2019)
- Genetic & Protein Engineering (mentor, 2017-on)
- Final Master Project (board of examiners, 2017-2021)

#### Master in Biomolecules & Molecular Dynamics:

- Critical Analysis of Scientific Literature (since 2016; coordinator since 2019)
- Final Master Project (board of examiners, 2018-on)

#### Final Degree Projects (mentor):

- Juan Cerrolaza Martínez (Biochemistry, UAM, 2022)
- Celia Rivas Santos (Biology, UAH, 2022)
- José Casado Barrajón (Biochemistry, UAM, 2021)
- Carmen Palomino Cano (Biochemistry, UAM, 2020)
- Aline Brillouet (Biology, U.Hasselt, Belgium, 2019)
- Estela Méndez Jiménez (Biology, UAH, 2019)
- Paula Moreno de la Cruz (Biology, UAH, 2018)
- Inés Palacios Blanco (Biochemistry, UAM, 2018)
- Kimberly Rodríguez Herrera (Biology, UAH, 2017)
- Paula Pereira Bouzas (Biology, UCM, 2017)
- Darío Cilleros Rodríguez (Biochemistry, UAM, 2017)
- Leticia Gallego Colastra (Biochemistry, UAM, 2017)

#### Final Master Projects (mentor):

- Paula Moreno de la Cruz (Drug Targets, UAH, 2019)
- Darío Cilleros Rodríguez (Biomedicine, UCM, 2018)

#### PhD Thesis (mentor):

- Raquel Martín Morales (UAM, 2023)

#### PhD Theses (board of examiners):

- Sergio Garrido Jiménez (UNEX, 2022, board chairman)
- María Vega Sendino (UAM, 2021, board secretary)
- Ana Lamuedra Garijo (UAM, 2020, board secretary)
- Adrián Palencia Campos (UAM, 2019, board secretary)
- Luis Carlos Tábara Rodríguez (UAM, 2018, board secretary)
- Miguel Bernabé Rubio (UAM, 2017, board secretary)

Sep 2008 – Mar 2013

### **Department of Biochemistry and Biophysics, UCSF**

Mentored rotation students from UCSF TETRAD & BMS graduate programs (Laura Yee, Elle Roberson & Christina Hueschen)

Sep 2003 – Jun 2004

### **Assistant Professor in Biochemistry (non-tenure track)**

Department of Physiological Sciences II  
School of Medicine and Dentistry, University of Barcelona

Sep 2000 – Jun 2003

### **Assistant Organizer and Teacher of Lab Practicals**

Department of Physiological Sciences II

## Research Grants

- Sep 2021 – Nov 2022      **CIBERER ACCI Research Grant**  
Participation as: Co-Principal Investigator (with Dr. Gemma Marfany, UB)  
Source: CIBER for Rare Diseases (CIBERER ISCIII, Spain)  
Title: Proteostasis Regulation in Ciliogenesis as a Therapeutic Target in Ciliopathies  
Reference: CILIOPAT  
Amount: 40,880 euros
- Jun 2020 – May 2024      **MICINN Research Grant**  
Participation as: Principal Investigator  
Source: Spanish Ministry of Science and Innovation (MICINN)  
Title: Tuning the Cell's Antenna: Molecular Mechanisms of Primary Cilia Composition  
Reference: PID2019-104941RB-I00  
Amount: 145,200 euros
- Jan 2016 – Dec 2020      **MINECO/FEDER Research Grant**  
Participation as: Principal Investigator  
Source: Spanish Ministry of Economy and Competitiveness (MINECO)  
Title: Regulation of Ciliary Function by Phosphoinositides  
Reference: SAF2015-66568-R  
Amount: 242,000 euros
- Nov 2015 – Oct 2020      **Ramón y Cajal Investigator Grant**  
Participation as: Principal Investigator  
Source: Spanish Ministry of Economy and Competitiveness (MINECO)  
Title: Molecular Mechanisms of Primary Cilia Function  
Reference: RYC-2013-14887  
Amount: 40,000 euros (+salary)

## Scholarships

- Nov 2015 – Mar 2021      **Ramon y Cajal Investigator Scholarship**  
Ministry of Economy & Competitiveness  
Government of Spain
- Jul 2006 – Jun 2008      **Postdoctoral Grant**  
Ministry of Education & Science  
Government of Spain
- Jan 2003 – Jun 2005      **Ramon Areces Predoctoral Fellowship**  
*Fundación Ramón Areces*, Spain
- Jan 1999 – Dec 2002      **FPU Predoctoral Fellowship**  
Regional Government of Catalonia, Spain

## Research Assessment (Government)

- 2017 – present      **Reviewer for Government of Spain:**  
Agencia Estatal de Investigación (AEI)  
Ministerio de Ciencia e Innovación (MICINN)
- 2016 – present      **Reviewer for Government of Uruguay:**  
Agencia Nacional de Investigación e Innovación (ANII) &  
Comisión Sectorial de Investigación Científica (CSIC)

- 2020 – present                      **Reviewer for Government of the Czech Republic:**  
Czech Science Foundation (GACR)
- 2022 – present                      **Reviewer for Government of Poland:**  
National Science Centre (NCN)

## Research Assessment (Journals)

- 2019 – present                      **Peer Reviewer for Scientific Journals:**  
*Journal of Cell Biology*  
*eLife*  
*Science Advances*  
*British Journal of Dermatology*  
*Bio-protocol*  
*Cells*  
*Cancers*  
*Antioxidants*  
*International Journal of Molecular Sciences*  
*Biomolecules*  
*Frontiers in Cell and Developmental Biology*  
*Frontiers in Molecular Biosciences*  
*Plos One*  
*eNeuro*  
*Cell Biology and Toxicology*  
*Tissue and Cell*  
*Diagnostics*  
*Journal of Clinical Medicine*  
*Clinical and Translational Medicine*

- 2020 – present                      **Guest Editor for Scientific Journal:**  
*Frontiers in Cell and Developmental Biology*  
Co-editor of article collection on cilia entitled: “*The Cytoskeleton and Cellular Compartmentation: Cilia as Specialized Cellular Domains*”

## Publication List

### 2023

- Barbeito P, Martin-Morales R, Palencia-Campos A, Cerrolaza J, Rivas-Santos C, Gallego-Colastra L, Caparros-Martin JA, Martin-Bravo C, Martin-Hurtado A, Sánchez-Bellver L, Marfany G, Ruiz Perez VL, Garcia-Gonzalo FR (2023) EVC-EVC2 complex stability and ciliary targeting are regulated by modification with ubiquitin and SUMO. *Submitted*.

### 2022

- López-Jiménez P, Pérez-Martín S, Hidalgo I, **Garcia-Gonzalo FR**, Page J, Gómez R (2022). The Male Mouse Meiotic Cilium Emanates from the Mother Centriole at Zygotene Prior to Centrosome Duplication. *Cells*. 12:142.
- Sánchez-Bellver L, Ferriz-Gordillo A, Carrillo-Pz M, Rabanal L, **Garcia-Gonzalo FR**, and Marfany G (2022). *The Deubiquitinating Enzyme USP48 Interacts with the Retinal Degeneration-Associated Proteins UNC119a and ARL3*. *International Journal of Molecular Sciences*. 23:12527.
- Barbeito P and **Garcia-Gonzalo FR** (2022). *One master to rule them all*. *eLife*. 11:e82873.
- Iturrate A, Rivera-Barahona A, Flores CL, Otaify GA, Elhossini R, Perez-Sanz ML, Nevado J, Tenorio-

Castano J, Triviño JC, **Garcia-Gonzalo FR**, Picci-Sparascio F, De Luca A, Martínez L, Kalaycı T, Lapunzina P, Altunoglu U, Aglan M, Abdalla E, Ruiz-Perez VL (2022). *Mutations in SCN11 cause orofaciadigital syndrome due to minor intron splicing defects affecting primary cilia*. *American Journal of Human Genetics*. 109:1828-1849.

- Cilleros-Rodriguez D, Martin-Morales R, Barbeito P, DebRoy A, Loukil A, Sierra-Rodero B, Herranz G, Pampliega O, Redrejo-Rodriguez M, Goetz SC, Izquierdo M, Inoue T and **Garcia-Gonzalo FR** (2022). *Multiple ciliary localization signals control INPP5E ciliary targeting*. *eLife* 11:e78383.

## 2021

- **Garcia-Gonzalo FR**, Soares H, Lopes SS and Inoue T (2021) *Editorial: The Cytoskeleton and Cellular Compartmentation: Cilia as Specialized Cellular Domains*. *Frontiers in Cell and Developmental Biology* 9:777758.
- Barbeito P and **Garcia-Gonzalo FR** (2021) *HTR6 and SSTR3 targeting to primary cilia*. *Biochemical Society Transactions* 49:79-91.
- Barbeito P, Tachibana Y, Martin-Morales R, Moreno P, Mykytyn K, Kobayashi T and **Garcia-Gonzalo FR** (2021) *HTR6 and SSTR3 ciliary targeting relies on both IC3 loops and C-terminal tails*. *Life Science Alliance* 4:e202000746.

## 2020

- Montes-Fernández MA, Pérez-Villegas EM, **Garcia-Gonzalo FR**, Pedrazza L, Rosa JL, de Toledo GA, Armengol JA (2020) *The HERC1 ubiquitin ligase regulates presynaptic membrane dynamics of central synapses*. *Scientific Reports* 10:12057.
- Martin-Hurtado A, Lastres-Becker I, Cuadrado A and **Garcia-Gonzalo FR** (2020) *NRF2 and primary cilia: an emerging partnership*. *Antioxidants* 9:475.

## 2019

- Martin-Hurtado A, Martin-Morales R, Robledinos-Anton N, Blanco R, Palacios-Blanco I, Lastres-Becker I, Cuadrado A and **Garcia-Gonzalo FR** (2019) *NRF2-dependent gene expression promotes ciliogenesis and Hedgehog signaling*. *Scientific Reports* 9:13896.

## 2018

- Raleigh DR, Sever N, Choksi PK, Sigg MA, Hines KM, Thompson BM, Elnatan D, Jaishankar P, Bisignano P, **Garcia-Gonzalo FR**, Krup AL, Eberl M, Wong SY, Renslo AR, Grabe M, McDonald JG, Xu L, Beachy PA and Reiter JF (2018) *Cilia-associated oxysterols activate Smoothed*. *Molecular Cell* 72:316-327.

## 2017

- **Garcia-Gonzalo FR** and Reiter JF (2017) *Open sesame: how transition fibers and the transition zone control ciliary composition*. *Cold Spring Harb Perspect Biol* 9:a028134.

## 2016

- Li C, Jensen VL, Park K, Kennedy J, **Garcia-Gonzalo FR**, Romani M, De Mori R, Bruel AL, Gaillard D, Doray B, Lopez E, Rivière JB, Faivre L, Thauvin-Robinet C, Reiter JF, Blacque OE, Valente EM and Leroux MR (2016) *MKS5 and CEP290 dependent assembly pathway of the ciliary transition zone*. *PLoS Biology* 14:e1002416.

## 2015

- Yee LE, **Garcia-Gonzalo FR (Co-First Author)**, Bowie RV, Li C, Kennedy J, Ashrafi K, Blacque OE, Leroux MR and Reiter JF (2015) *Conserved genetic interactions between ciliopathy complexes cooperatively support ciliogenesis*. PLoS Genetics 11:e1005627.
- **Garcia-Gonzalo FR**, Phua SC, Roberson EC, Garcia III G, Abedin M, Schurmans S, Inoue T and Reiter JF (2015) *Phosphoinositides regulate ciliary protein trafficking to modulate Hedgehog signaling*. Developmental Cell 34:400-409.
- Roberson EC, Dowdle WE, Ozanturk A, **Garcia-Gonzalo FR**, Li C, Halbritter J, Elkhartoufi N, Porath JD, Cope H, Ashley-Koch A, Gregory S, Thomas S, Sayer JA, Saunier S, Otto EA, Katsanis N, Davis EE, Attié-Bitach T, Hildebrandt F, Leroux MR and Reiter JF (2015) *TMEM231, mutated in orofacioidigital and Meckel syndromes, organizes the ciliary transition zone*. Journal of Cell Biology 209:129-142.

## 2012

- **Garcia-Gonzalo FR** and Reiter JF (2012) *Scoring a backstage pass: mechanisms of ciliogenesis and ciliary access*. Journal of Cell Biology 197:697-709.

## 2011

- **Garcia-Gonzalo FR**, Corbit KC, Sierrol-Piquer MS, Ramaswami G, Otto EA, Noriega TR, Seol AD, Bennett CL, Robinson JF, Josifova DJ, García-Verdugo JM, Katsanis N, Hildebrandt F and Reiter JF (2011) *A Transition Zone Complex Regulates Mammalian Ciliogenesis and Ciliary Membrane Composition*. Nature Genetics. 43: 776-784.
- Sang L, Miller JJ, Corbit KC, Giles R, Brauer M, Otto EA, Baye LM, Wen X, Scales SJ, Kwong M, Huntzicker EG, Sfakianos MK, Sandoval W, Bazan JF, Kulkarni P, **Garcia-Gonzalo FR**, Seol AD, O'Toole JF, Held S, Reuther HM, Lane WS, Rafiq MA, Noor A, Ansar M, Rama Devi AR, Sheffield VC, Slusarski DC, Vincent JB, Doherty DA, Hildebrandt F, Reiter JF and Jackson PK (2011) *Mapping the NPHP-JBTS-MKS Protein Network Reveals Ciliopathy Disease Genes and Pathways*. Cell 145:513-528.

## 2008

- **Garcia-Gonzalo FR** and Izipisúa Belmonte JC (2008) *Albumin-associated lipids regulate human embryonic stem cell self-renewal*. PLoS One 3(1):e1384.
- Hadjebi O, Casas-Terradellas E, **Garcia-Gonzalo FR** and Rosa JL (2008) *The RCC1 superfamily: from genes, to function, to disease*. Biochimica et Biophysica Acta 1783: 1467-1479.

## 2006

- Casas E, **Garcia-Gonzalo FR**, Hadjebi O, Bartrons R, Ventura F and Rosa JL (2006) *Simultaneous electrophoretic analysis of proteins of very high and low molecular weights*. Electrophoresis 27:3935-3938 (see associated patent below).
- Chong-Kopera H, Inoki K, Li Y, Zhu T, **Garcia-Gonzalo FR**, Rosa JL and Guan KL (2006) *TSC1 stabilizes TSC2 by inhibiting the interaction between TSC2 and the HERC1 ubiquitin ligase*. Journal of Biological Chemistry 281:8313-8316.

## 2005

- **Garcia-Gonzalo FR** and Rosa JL (2005) *The HERC proteins: functional and evolutionary insights*. Cellular and Molecular Life Sciences 62:1826-1838.
- **Garcia-Gonzalo FR**, Bartrons R, Ventura F and Rosa JL (2005) *Requirement of phosphatidylinositol-4,5-bisphosphate for HERC1-mediated guanine nucleotide dissociation from ARF proteins*. FEBS letters 579:343-348.

## 2004

- **Garcia-Gonzalo FR**, Muñoz P, González E, Casaroli-Marano RP, Vilaró S, Bartrons R, Ventura F and Rosa JL (2004) *The giant protein HERC1 is recruited onto aluminum fluoride-induced actin-rich surface protrusions in HeLa cells*. FEBS letters 559:77-83.

## 2003

- **Garcia-Gonzalo FR**, Cruz C, Muñoz P, Mazurek S, Eigenbrodt E, Ventura F, Bartrons R and Rosa JL (2003) *Interaction between HERC1 and M2-type pyruvate kinase*. FEBS letters 539:78-84.

## Book Chapters

## 2017

- **Garcia-Gonzalo FR** and Reiter JF (2017) *Open sesame: how transition fibers and the transition zone control ciliary composition*. Cilia (pp. 91-110). Edited by W. Marshall & R. Basto. Cold Spring Harbor Laboratory Press, New York.

## 1998

- Querol E, Pons J, Cedano J, Vallmitjana M, **Garcia F**, Bonet C, Pérez-Pons J, Planas A and Mozo-Villarías A (1998) *Protein engineering for thermostabilisation of proteins: some theoretical rules and application to a  $\beta$ -glucanase*. Stability and Stabilization of Biocatalysts (Progress in Biotechnology, Vol. 15, pp. 303-310). Edited by A. Ballesteros, F.J. Plou, J.L. Iborra, P.J. Halling. Elsevier, Amsterdam.

## Patents

## 2006

- Casas-Terradellas E, **Garcia-Gonzalo FR**, Hadjebi O, Bartrons R, Ventura F, Rosa JL. *Gel for the electrophoretic separation of very high molecular weight proteins*. Application number: 0300E-41054, Priority date: 09/22/2006, University of Barcelona.

## Invited Talks

2023	Brunel University Department of Life Sciences, College of Health, Medicine and Life Sciences London, UK
2021	26 <sup>th</sup> BSCB GenSoc UK Cilia Network e-Symposium Sponsors: British Society for Cell Biology, Genetics Society, Journal of Cell Science Online symposium on Cilia
2021	Alberto Sols Biomedical Research Institute (IIBM) Spanish National Research Council (CSIC) & UAM Madrid, Spain
2019	International Conference on Cilia, Flagella and Centrosomes Imagine Institute Paris, France
2017	Bellvitge Institute of Biomedical Research (IDIBELL) University of Barcelona Hospitalet, Spain

- 2014 Institute of Biomedicine in Valencia (IBV-CSIC)  
Spanish National Research Council (CSIC)  
Valencia, Spain
- 2014 Alberto Sols Biomedical Research Institute (IIBM)  
Spanish National Research Council (CSIC) & UAM  
Madrid, Spain
- 2014 Institute of Cellular Physiology (IFC)  
National Autonomous University of Mexico (UNAM)  
Mexico City, Mexico
- 2013 Developmental and Stem Cell Biology Retreat  
University of California, San Francisco  
Tomales Bay, USA
- 2013 FASEB Meeting on the Biology of Cilia and Flagella  
Federation of American Societies for Experimental Biology (FASEB)  
Niagara Falls, USA
- 2013 Departments of Physiology and Cell Biology  
School of Biological Sciences, Pontifical Catholic University of Chile  
Santiago, Chile
- 2012 52nd ASCB Meeting  
American Society for Cell Biology (ASCB)  
San Francisco, USA
- 2011 Department of Physiological Sciences II  
School of Medicine and Dentistry, University of Barcelona  
Hospitalet, Spain
- 2011 Cardiovascular Research Institute  
University of California, San Francisco  
San Francisco, USA
- 2010 Developmental Biology Retreat  
University of California, San Francisco  
Tomales Bay, USA
- 2004 12<sup>th</sup> Joint Seminars of the Catalan Society of Biology  
Institute for Catalan Studies  
Barcelona, Spain
- 2001 Institute for Biochemistry and Endocrinology  
Justus Liebig University  
Giessen, Germany

## Poster Presentations

- 2023 Title: *EVC-EVC2 complex interactomics and regulation by ubiquitin and SUMO.*  
Authors: Barbeito P, Martin-Morales R, Palencia-Campos A, Cerrolaza J, Rivas-Santos C, Ruiz-Perez VL, **Garcia-Gonzalo FR**  
Meeting: EMBO Workshop: “Hedgehog signaling: From molecular structure to developmental biology and diseases”  
Venue: Sant Feliu de Guixols, Spain
- 2022 Title: *The male mouse meiotic cilium emanates from the mother centriole at zygotene prior to centrosome duplication.*  
Authors: Perez-Martin S, Lopez-Jimenez P, Hidalgo I, **Garcia-Gonzalo FR**, Page J, Gomez R



- Meeting: 2<sup>nd</sup> IBFG Symposium on Cell Division and Genome Dynamics  
Venue: Salamanca, Spain
- 2019 Title: *Molecular mechanisms of INPP5E-dependent cilia disassembly.*  
Authors: Sierra-Rodero MB, Cilleros D & **Garcia-Gonzalo FR**  
Meeting: 42<sup>nd</sup> SEBBM Meeting  
Venue: Madrid, Spain
- 2019 Title: *Identification of primary cilia targeting sequences in HTR6 and SSTR3.*  
Authors: Barbeito P, Moreno P, Martin-Morales R, Sierra-Rodero MB & **Garcia-Gonzalo FR**  
Meeting: 6<sup>th</sup> UAM Symposium on Biomedical Research (Advances and Perspectives in Molecular Endocrinology)  
Venue: Madrid, Spain
- 2018 Title: *Htr6 contains a second ciliary targeting sequence in its C-terminal tail.*  
Authors: Barbeito P, Moreno P, Martin-Morales R, Sierra-Rodero MB, Mykytyn K & **Garcia-Gonzalo FR**  
Meeting: EMBO Workshop Cilia 2018  
Venue: Copenhagen, Denmark
- 2017 Title: *Regulation of INPP5E ciliary localization by phosphorylation.*  
Authors: Sierra-Rodero MB, Cilleros-Rodriguez D, Martin-Morales R, Barbeito P & **Garcia-Gonzalo FR**  
Meeting: ASCB/EMBO 2017 Meeting  
Venue: Philadelphia, USA
- 2016 Title: *Hsd11β2 is enriched in medulloblastoma and generates ciliary oxysterols to stimulate Hedgehog signaling.*  
Authors: Raleigh D, Sever N, Sigg MA, **Garcia-Gonzalo FR**, Choksi PK, Hines KM, Choksi SP, Krup AL, McDonald JG, Xu L, Beachy PA & Reiter JF  
Meeting: Annual Meeting of the American Society for Radiation Oncology (ASTRO)  
Venue: Boston, USA
- 2015 Title: *Keeping out the ruffles: Inpp5e depletes PI(4,5)P2 in primary cilia to eliminate F-actin dynamics and achieve cilia stability.*  
Authors: Phua SC, **Garcia-Gonzalo FR**, Reiter JF & Inoue T  
Meeting: Biology of Cilia and Flagella (FASEB meeting)  
Venue: Snowmass, CO, USA
- 2013 Title: *Is Phosphatidylinositol-4-phosphate involved in mammalian Hedgehog signaling?*  
Authors: **Garcia-Gonzalo FR**, Reiter JF  
Meeting: Biology of Cilia and Flagella (FASEB meeting)  
Venue: Niagara Falls, NY, USA
- 2011 Title: *A transition zone complex of MKS and JBTS proteins regulates ciliogenesis and ciliary traffic*  
Authors: **Garcia-Gonzalo FR**, Corbit K, Sirerol-Piquer MS, Yee L, Ramaswami G, Otto E, Noriega T, Seol A, Robinson J, Bennet C, Josifova D, Geimer S, Garcia-Verdugo JM, Katsanis N, Hildebrandt F, Reiter JF  
Meeting: 51st ASCB Meeting  
Venue: Denver, CO, USA
- 2010 Title: *Tectonic1 is required for ciliary membrane protein targeting*  
Authors: **Garcia-Gonzalo FR**, Corbit K, Sirerol MS, Garcia-Verdugo JM, Katsanis N, Reiter JF  
Meeting: FASEB Meeting on the Biology of Cilia and Flagella  
Venue: Saxton Rivers, VT, USA
- 2006 Title: *Interaction between HERC1 and the TSC1/TSC2 complex*  
Authors: Casas E, Hadjebi O, **Garcia-Gonzalo FR**, Bartrons R, Ventura F, Rosa JL  
Meeting: 46th ASCB Meeting  
Venue: San Diego, CA, USA

- 2004 Title: *HERC1 is a phosphatidylinositol-3-phosphate-binding protein*  
Authors: **Garcia-Gonzalo FR**, Casas E, Hadjebi O, Bartrons R, Ventura F, Rosa JL  
Meeting: ELSO Meeting  
Venue: Nice, France
- 2004 Title: *HERC1 is recruited onto actin protrusions induced by ARF6 activation*  
Authors: **Garcia-Gonzalo FR** and Rosa JL  
Meeting: 4<sup>th</sup> Dubrovnik Signaling Conference  
Venue: Dubrovnik, Croatia
- 2003 Title: *HERC1 recruitment onto actin protrusions upon aluminum fluoride treatment*  
Authors: **Garcia-Gonzalo FR**, Muñoz P, González E, Casaroli-Marano RP, Vilaró S, Ventura F and Rosa JL  
Meeting: ELSO Meeting  
Venue: Dresden, Germany
- 2002 Title: *Interaction between the HECT and RCC1-like domain containing protein HERC1 and pyruvate kinase type M2*  
Authors: **Garcia-Gonzalo FR**, Cruz C, Ventura F, Bartrons R, Mazurek S, Eigenbrodt E and Rosa JL  
Meeting: ELSO Meeting  
Venue: Nice, France
- 2001 Title: *Identification and characterization of interacting proteins with the HECT domain of HERC1*  
Authors: **Garcia-Gonzalo FR**, Cruz C, Ventura F, Bartrons R, Eigenbrodt E, Rosa JL  
Meeting: 27<sup>th</sup> FEBS Meeting  
Venue: Lisbon, Portugal
- 1999 Title: *Involvement of p532/HERC1 protein in fluid phase endocytosis*  
Authors: Casaroli-Marano RP, Cruz C, **Garcia-Gonzalo FR**, Ventura F, Bartrons R, Vilaró S and Rosa JL  
Meeting: International Meeting on Protein and Membrane Transport  
Venue: Göttingen, Germany

## Courses

- 2022 Effective Feedback to Students in Oral Presentations  
 Universidad Autónoma de Madrid (UAM)  
 Madrid, Spain
- 2021 Intelligent Time Management for Teachers  
 Universidad Autónoma de Madrid (UAM)  
 Madrid, Spain
- 2013 Scientific Leadership and Management  
 University of California, San Francisco  
 San Francisco, USA
- 2007 Molecular Embryology of the Mouse  
 Cold Spring Harbor Laboratory  
 New York, USA
- 2004 FEBS Lecture Course on Cellular Signaling  
 Federation of European Biochemical Societies (FEBS)  
 Dubrovnik, Croatia
- 2003 Innovation and Entrepreneurship

## Scientific Memberships

American Society for Cell Biology (ASCB)	Since 2004
Spanish Society for Biochemistry and Molecular Biology (SEBBM)	Since 2004

## Language Skills

<b>English</b>	Proficient	<i>Certificate of Proficiency in English</i> , Cambridge University, UK (2000)
<b>Spanish</b>	Proficient	Native language
<b>Catalan</b>	Proficient	Native language
<b>German</b>	Upper-intermediate	Level 5 of 6 (University of Barcelona, School of Modern Languages)
<b>French</b>	Intermediate	Level 2 of 6 (University of Barcelona, School of Modern Languages)