CAYETANO GONZALEZ
ICREA Research Professor
Cell division Group. IRB Barcelona & BIST
C/ Baldiri Reixac 10-12. 08028 Barcelona.Spain.
Tel. (34) 9:3 403 71 91/018
e-mail: gonzalez@irbbarcelona.org
http://divisioncelular.irbbarcelona.org/

EMPLOYMENT

Since 2004 **ICREA Research Professor.**
Since 1992 "Investigador" Spanish CSIC. On leave.
2003-2004 Group Leader. Molecular Oncology. CNIO. Madrid. Spain.
1994-2003 Group Leader. Cell Biology and Biophysics. EMBL. Heidelberg. Germany.
1990-1994 Joint Principal Investigator (RAII). CRC Cell Cycle Genetics Group. Dpts of Biochemistry/Physiology and Anatomy. Univ. Dundee. Dundee. UK.
1987-1990 Postdoctoral Fellow. (Fleming/MCYT, SERC, and CRC). Eukaryotic Molecular Genetics Group. Dpt of Biochemistry. Imperial College. London. UK.
1986-1987 Postdoctoral Fellow. CSIC. CBMSO. Madrid. Spain.
1983-1986 Postgraduate Fellow. CAICYT–CSIC. CBMSO. Madrid. Spain.

ACADEMIC DEGREES

1986 Ph.D. Genetic analysis of cell division in Drosophila. Summa Cum Laude.
Advisor: Prof. P. Ripoll. CBMSO and Universidad Autonoma de Madrid. Madrid. Spain.
1982 M.Sc. Immunochemical analysis of membrane proteins of rat CNS. Ramon y Cajal Hospital and Universidad Autonoma de Madrid. Madrid. Spain.
1979 B.Sc. in Biology. Universidad Autonoma de Madrid. Madrid. Spain.

ADDITIONAL TRAINING

1986 EMBO course on Bidimensional Electrophoresis. Directed by Dr Rodrigo Bravo (EMBL). CBMSO. Madrid. Spain.
1983 Study of the banding pattern of the polytene chromosomes of Drosophila melanogaster. University of Cambridge. Cambridge. UK. Advisor: Dr Michael Ashburner. (EMBO short-term fellowship).
1982 BASIC and FORTRAN computer languages. Department of Informatics. Hospital Ramon y Cajal and Universidad Autonoma de Madrid. Madrid. Spain.

DISTINCTIONS AWARDS AND FELLOWSHIPS

2012-2017 ERC advanced grantee.
2008 Antarctic Service Medal. NSF. USA.
2007 EMBO Member.
2006 ICREA Conference Award.
1988 SERC Postdoctoral Research Position.
1987 Fleming Postdoctoral Fellowship (Spain/UK).
1986 EMBO short-term Fellowship. Imperial college. London. UK. (D.Glover).
1986 Ph.D. Awarded Prize "Caja de Ahorros de Madrid".
1983 EMBO short-term Felloship. University of Cambridge. UK. (M.Ashburner).
1983-1986 CAICYT-CSIC. CBMSO. Madrid. Spain.

PROFESSIONAL SERVICES

Editorial boards

2017- G3, Genes,Genomes,Genetics (Genetics Society of America).
2011- Royal Society Open Biology (The Royal Society, UK)
2009- EMBO Reports.
2007- Life Sciences Encyclopaedia advisor.
2006- PloS ONE.
2009-2011 EMBO Journal.

Ah hoc peer reviewing and evaluation

Journals: Nature, Science, Cell, Developmental Cell, Journal of Cell Biology, Journal of Cell Science, Current Biology, Nature Cell Biology, Nature Genetics, FEBS letters, Development, Developmental Biology, EMBO Journal, EMBO Reports, Gene, Cell Motility & Cytoskeleton, Molecular Cell Biology, Oncogene, Disease Models & Mechanisms.

Funding Agencies: National Science Fundation, NSF (USA); The Wellcome Trust (U.K.); The Wellcome Trust/ DBT India Alliance (India); Marsden Fund (New Zeeland); Agencia Nacional de Evaluación y Prospectiva, ANEP (Spain); Deutsche Forschungsgemeinschaft, DFG (Germany); GIF (Germany/Israel); FONCyT (Argentina); French National Research Agency, ANR (France); Istituto Pasteur–Fondazione Cenci Bolognetti (Italy); European Commission; European Research Council (ERC); Italian Association for Cancer Research, AIRC (Italy); Cancer Research UK (U.K.); Swiss National Science Foundation, SNSF (Switzerland); North West Cancer Research Centre (U.K.); Fondation pour la Recherche Médicale (France).

External evaluations

2010 & 2014 Member of Evaluation Board of Research Unit: Laboratory of Cellular and Molecular biology of Control of Proliferation (LBCMCP, UMR 5088) Université Paul Sabatier. Toulouse. France. Organised by Agence d'Évaluation de la Recherche et de l'Enseignement Supérieur (AERES).

Others

2009-2011 EMBO Membership Committee.
2018- Human Frontiers Science Program Fellowship Review Committee.

Outreach activities

2011-17 On the fly: A yearly practical course for secondary school teachers on the development of Drosophila melanogaster. IRB Barcelona. Barcelona. Spain.
2015 People & Ideas. Caitlin Sedwick. Cayetano González: Mothers, daughters, stemness, and cancer. J Cell Biol. Feb 2; 208:254-255.
2013 "Dia de la Ciència a les Escoles 2013 – La ciència en primera persona". CRP del Ripollès. Ripoll. Spain.
2012 Els Juliols Course: Organismos "top-model" en biología y biomedicina. Univ. Barcelona. Barcelona. Spain.
2009 Below the convergence. Current Biology 2009 Apr 28;19(8):R313-4.
2008 Q & A. Cayetano Gonzalez. Current Biology 2008 Vol 18 No 2. R50.
2005 Plenary annual conferences, Catalan Biology Society. Spain.
2005 Conference: La célula humana en división: una máquina de precisión a escala micrométrica. Cátedra Werner von Siemens, Escuela Técnica Superior de Ingenieros Industriales de Madrid. Madrid. Spain.

Conference organisation

2016,18 Molecular and Developmental Biology Drosophila Conference. Kolymbari, Crete. Grece
2009,15,19 IRB BioMed Conference: Modelling cancer in Drosophila. Barcelona. Spain.
2012,14,16,18 Spanish Conference: The molecular, cellular and developmental biology of Drosophila. Aiguablava. Spain.
2013 EDRC 2013: 23rd European Drosophila Research Conference. Barcelona. Spain.
2013 EMBO Workshop: Drosophila cell division cycle. Totnes. UK.
2011 2nd EMBO Conference: Centrosomes and Spindle Pole Bodies. Barcelona. Spain.
2006 ICREA-IRB International Meeting: Drosophila as a model for human diseases. Barcelona. Spain. This conference received the 2006 ICREA Conference Award.
2002 EMBO/EMBL Conference: Centrosomes and spindle pole bodies. Heidelberg. Germany.

Others

2017 Discussion panel member at the Milner Therapeutics Symposium 2017: From Basic Research to Drug in Patients. Cambridge. UK.
2005-2007 Coordinator of the Cell and Developmental Biology Programme. IRB-Barcelona. Barcelona. Spain.

POSTGRADUATE PROJECTS SUPERVISION

Masters /Diploma Theses

2017 The role of DNA repair pathways in l(3)mbt malignant neoplasms. Julia Ramon. University of Barcelona. Barcelona. Spain.
2014 Genome Instability in Drosophila melanogaster brain tissue. Anxela Louzao. University of Barcelona. Barcelona. Spain.
2011 Pharmacogenetic studies in Drosophila tumor models. Eulalia Scheenaard. University of Barcelona. Barcelona. Spain.
2007 Genomic instability, centrosomal alterations and cancer in a neuroblastoma Drosophila model. Elisabeth Castellanos. University of Barcelona. Barcelona. Spain.
2007 Identification of the genes that are relevant for malignant transformation of the stem cells in Drosophila. Ana Janic. University of Barcelona. Barcelona. Spain.
2007 Regulation of the subcellular localization and its contribution to malignant transformation. Elisabeth Aguilar. University of Barcelona. Barcelona. Spain.
2006 Gene expression patterns in neuroblastomas of different genetic origin. Leire Mendizabal. Diploma Thesis. University of Barcelona. Barcelona. Spain.
2002 Image analysis methods for Drosophila research. Edward Fäldt. Diploma Thesis in Mathematical Statistics. Göteborg University. Göteborg. Sweden.

Ph.D. Theses

2018 **To be defended in January 2018:** Using Drosophila melanogaster to investigate the mechanisms to halt malignant growth. Madhulika Rai. University Pompeu Fabra. Barcelona. Spain.
2014 Pharmacogenetic studies in Drosophila tumor models: a screening for inhibitors of neuroblast polarity. Eulalia Scheenaard. University of Barcelona. Barcelona. Spain..
2012 Expression profiling of different transformed tissues in Drosophila. Leire Mendizabal. University of Barcelona. Barcelona. Spain.
2011 A link between loss of developmentally controlled gene silencing and tumor growth. Ana Janic. University of Barcelona. Barcelona. Spain. *This PhD thesis received the Extraordinary Doctorate Award from the University of Barcelona.*

2010 Tumoral models in Drosophila melanogaster: genomic instability, centrosomal alterations and cancer. Elizabeth Castellanos. University of Barcelona. Barcelona. Spain.
2005 Asymmetric stem cell division and cancer in Drosophila. Emmanuel Caussinus. Toulouse University. Touluse. France.
2003 Molecular and Genetic analysis of genes required for spindle assembly in higher eukaryotes. Hanne Varmark. Heidelberg University. Heidelberg. Germany.
1999 Functional characterisation of Drosophila gamma-tubulin in Drosophila development. Gaia Tavosanis. Heidelberg University. Heidelberg. Germany.
1998 Molecular characterisation of a new component of the centrosome in Drosophila melanogaster. Cristiana Mollinari. Heidelberg University. Heidelberg. Germany.

Ongoing

Anxela Louzao. University of Barcelona. Barcelona. Spain.
Sreedevi Raghu. University Pompeu Fabra. Barcelona. Spain.
Maria Victoria Mendiz. University of Barcelona. Barcelona. Spain.

TECHNOLOGY TRANSFER ACTIVITIES / BIOTECHNOLOGY

2001-2003 Scientific Advisory Board of Cellzome. Heidelberg. Germany.
2002 Scientific Founder of EnVivo Pharmaceuticals. Boston. USA.
1999 Scientific Founder of Cellzome AG. Heidelberg, Germany and London, UK.
Patent US 7848888. Issue date: 07/12/2010. Method for identification of biologically active agents. Faeldt, E., Serrano, L., **Gonzalez, C**. et al. Application number: US 10/618,913.
Patent US 6335157. Issue date: 01/01/2002. Methods based on localization of Hsp90 to the centrosome. **Gonzalez, C.** and Lange B. Application number: US 09/307,143.
Five more patents pending.

FUNDING

2016-2018 Spanish Ministerio de Economía y Competitividad (MINECO). The molecular basis of the contribution of germline functions to malignant growth in Drosophila somatic cells. BFU2015-66304-P. €498.036.
2012-2017 European Research Council (ERC). Modelling Cancer Traits in Drosophila. ERC-2011-AdG 294603- FliesCan. €2.406.000.
2014-2017 Generalitat de Catalunya. Convocatoria SGR Agaur 2014. 2014SGR100. €48.000.
2014-2016 Spanish Ministerio de Economía y Competitividad (MINECO). Acción de dinamización "Redes de Excelencia". Biología Funcional y de Sistemas de la Proliferación Celular. BFU2014-52125-REDT- CellSYS. €32.000.
2013-2015 Spanish Ministerio de Economía y Competitividad (MINECO). The Molecular Bases of Stem Cell Polarity and Malignant Transformation in Drosophila. BFU2012-32522. €561.600.
2009-2013 Generalitat de Catalunya. Proyecto convocatoria SGR Agaur 2009. Drosophila as a model of cancer. 2009SGR938. €43.680.
2009-2012 Spanish Ministerio de Ciencia e Innovación (MICINN) and Centro para el Desarrollo Tecnológico Industrial (CDTI). Programa CENIT-E. New strategies for cancer detection and prognosis. CEN-20091016. €484.000.
2010-2012 Spanish Ministerio de Ciencia e Innovación (MICINN). Stem cell polarity, genome instability and tumor growth in Drosophila. BFU2009-07975. €598.950.

2006-2012 Spanish Ministerio de Educación y Ciencia (MEC) CONSOLIDER INGENIO 2010. Centrosome 3D. Towards the understanding of centrosome structure and function. CSD2006-00023. €394.532 allocated to the laboratory. €4.960.000 total.
2006-2009 Spanish Ministerio de Educación y Ciencia (MEC). Identification of pathways that are relevant for the malignant transformation of stem cells in Drosophila. BFU2006-05813. €340.000.
2006-2010 EU Specific Targeted Research Project. ONCASYM. Cancer stem cells and asymmetric division. LSHC-CT-2006-037398. EU STREP LSH-2005-2.2.0.5. €365.857 allocated to the laboratory. €2.800.000 total.
2005-2008 Generalitat de Catalunya. Development of tumor models in Drosophila melanogaster. 2005SGR-00821. €36.000.
2005-2006 ICREA Conferences Awards. Meeting Drosophila as a model for human diseases. €25.000.
2004-2007 Fundación de Investigación Médica Mutua Madrileña Automovilística. Alteration in the subcellular localization and neoplastic transformation: Determination of its diagnostic utility. €82.000.
2004-2007 EU Specific Targeted Research Project. Integrative approach to cellular signalling and control processes. COMBIO EU- Strep LSHG-CT-2004-503568. €183.800 allocated to the laboratory. €1.200.000 total.
2003-2006 Spanish Ministerio de Educación y Ciencia (MEC). Regulation of the subcellular localization and its contribution to the neoplastic transformation. SAF2003-07620. €245.000.
2003-2007 EU Research Network Contract. Molecular analysis of Drosophila cell division. MADCD EU - RTN2-2001-00230. € 240.000 allocated to the laboratory. €1.222.000 total.
2001-2002 Ramón Areces Foundation. 100.000 USD allocated to the laboratory. 200.000 USD total.
1996-2000 Research Network Contract FMRX-CT96-0005. From the EC. Relating mitotic control to the mechanics of cell division. 260.000 ECU allocated to the laboratory. 1.222.000 ECU total.
1993-1996 EC Human Mobility Programme. Network. 73000 ECU total.
1990-1994 Cancer Research Campaign. Co-applicant with Prof. D. Glover. £1.300.000 total.

LECTURES AS INVITED SPEAKER

Conferences

2017 Jacques Monod conference: Cell Cycle: inside out. Roscoff. France.
2017 EMBO Symposium: Cell polarity and membrane dynamics. San Feliu de Gixols. Spain.
2016 CRBM Symposium: Cell Cycle and Development. Montpellier. France.
2016 2016 NCRI Cancer Conference. Liverpool. UK.
2016 Open Plenary Session: Barcelona Conferences on Epigenetics and Cancer series: Beyond the cancer genomes. Barcelona. Spain.
2016 3rd Spanish Conference on The molecular, cellular and developmental biology of Drosophila. Aiguablava. Spain.
2016 EMBO Conf.: The molecular and dev. biology of Drosophila. Chania. Greece.
2015 Session Chair 24th European Drosophila Research Conference. Heidelberg, Germany.
2015 Barcelona BioMed Conf.: Drosophila as a model in cancer. Barcelona. Spain.
2015 31st Ernst Klenk symposium. Cologne. Germany
2015 Keynote Speaker RIMLS Symposium New Frontiers in Cilia Medicine,Nijmegen. Netherlands.

2015 Plenary Lecture at: 3rd Asia-Pacific Drosophila Research Conference. Beijng. China.
2014 EMBO Conference: Centrosomes and spindle pole bodies. Lisbon. Portugal.
2014 Keynote Speaker Basel Stem Cell Network Meeting. Basel. Switzerland.
2014 2nd Spanish Conference on The molecular, cellular and developmental biology of Drosophila. Aiguablava. Spain.
2014 EMBO Conf.: The molecular and dev. biology of Drosophila. Kolymbari. Greece.
2014 Life Science Workshop Series 2014 by Bayer HealthCare: Centrosome Function: Opportunities for Cancer Treatment. Berlin. Germany.
2014 ESF-EMBO Conference: Cell Polarity and Membrane Traffic. Pułtusk. Poland
2014 Keynote Speaker at: Annual Symposium of the Developmental Biology Society. Paris. France.
2013 EMBO **Keynote Speaker** at: Annual meeting of the Italian Genetic Association. Cortona. Italy.
2013 Plenary Lecture at: 23rd European Drosophila Research Conference (EDRC 2013). Barcelona. Spain.
2013 EMBO Workshop: Drosophila cell division cycle. Totnes. UK.
2013 Barcelona BioMed Conference: The microtubule cytoskeleton in development and disease. Barcelona. Spain.
2013 Company of Biologists Workshop: Building a Centrosome. Sussex. UK.
2012 Barcelona BioMed Conference: Normal and tumour stem cells. Barcelona. Spain.
2012 EMBO Workshop: Cell biology of early mouse development. Cambridge. UK.
2012 Monod Conferences: Cell division: from single molecule mechanics to multicellular organisms. Roscoff. France.
2012 1st Spanish Conference on The molecular, cellular and developmental biology of Drosophila. Aiguablava. Spain.
2012 FASEB Conf.: Mitosis: Spindle Assembly and Function. Steamboat Springs. USA.
2012 EMBO Conf.: The molecular and dev. biology of Drosophila. Kolymbari. Greece.
2012 PhD symposium: Immunology, Neurobiology and Cancer - Personalized Science. Turku. Finland.
2012 IBMB PhD and Post-doc Symposium: From cells to organs. Barcelona. Spain.
2012 Barcelona-CDB. Riken Institute. Kobe. Japan.
2011 Oxford Polarity Workshop: Cell polarity in health and disease. Oxford. UK.
2011 EMBO Conference: Exploring the Logic of the Cell Cycle**.** Montpellier. France.
2011 Centrosome 3D. Santander. Spain.
2011 Gordon Research Conferences: Developmental Biology. New Hampshire. USA.
2011 Barcelona–NCBS meeting. Bangalore. India.
2010 Spanish OncoBio: Cancer, stem cells and metastasis. Salamanca. Spain.
2010 Workshop: Centrosome: Structure, Function and Dynamics. UNIA. Baeza. Spain.
2010 The EMBO Meeting. Barcelona. Spain.
2010 Regional Drosophila Meeting. University of Göttingen. Göttingen. Germany.
2010 EMBO Conf.: The molecular and dev. biology of Drosophila. Kolymbari. Greece.
2010 10th Hunter Meeting. Sydney. Australia.
2010 USGEB Meeting: Frontiers of Human Biology. Lugano. Switzerland.
2010 Company of Biologists Workshop: Neural Stem Cells in Development and Disease. Wilton Park, West Sussex, UK.
2009 13th Spanish Society of Cellular Biology (SEBC) Congress. Murcia. Spain.
2009 11th Federazione Italiana Scienze della Vita Congress. Riva del Garda. Italy.
2009 16th International Society of Developmental Biologists Congress. Edinburgh. UK.
2009 Developmental Systems. Arolla. Switzerland.
2009 EMBO Members Meeting: Connecting Cancer to the Asymmetric Division of Stem Cells. Heidelberg. Germany.

2009 SEOM-ASEICA 5th Intnal. Symposium of Translational Oncology. Barcelona. Spain.
2009 CNIO Cancer Conference: Stem Cell and Cancer. Madrid. Spain.
2009 5th Swiss Stem Cell Network meeting. Keynote Lecture. Geneva. Switzerland.
2008 SEBD&BSDB Joint Meeting 2008. Sevilla. Spain.
2008 EMBO Conference on Centrosomes and Spindle Pole Bodies. Heidelberg. Germany.
2008 EMBO Members meeting. Tampere. Finland.
2008 ISREC Cancer and the cell cycle - EPFL LSS08 Lausanne. Switzerland.
2007 EMBO Meeting: Frontiers of Molecular Biology. Barcelona. Spain.
2007 European Human Genetics Conference. Nice. France.
2007 Gordon Research Conference: Mechanisms of Cell Signalling. Oxford. UK.
2007 Symposium: Stem cells and their chromosomes. Radiation Biology Center Kyoto University. Kyoto. Japan.
2006 BMFZ Meeting. Duesseldorf. Germany.
2006 3rd Internat. Workshop: Drosophila cell division. Porto. Portugal.
2005 Monod Conferences: Cell Cycle Control. Roscoff. France.
2005 Centrosomes and SPBs. EMBL. Heidelberg. Germany.
2005 Workshop on Developmental Cell Biology of Drosophila. Bonn. Germany.
2005 6th Workshop on Developmental Cell Biology of Drosophila. Walberberg. Germany.
2005 BSCB/BSDB Annual Spring Meeting: Centrosomes and spindle assembly. Univ. of Warwick. Warwick. UK.
2004 Animal models in cancer. IMIM. Barcelona. Spain.
2004 6th Intenac. Workshop. Chromosome Segregation. Cortona. Italy.
2004 Symposium: The Cell in Development. CRG. Barcelona. Spain.
2004 Crete EMBO Workshop. Kolymbari. Greece.
2002 Heat-shock protein 90 chaperone machinery. Arolla. Switzerland.
2002 Crete EMBO Workshop. Kolymbari. Greece.
2002 4th Workshop on Developmental Cell Biology of Drosophila. Bonn. Germany.
2002 Centrosomes and spindle pole bodies. Heidelberg. Germany.

Seminars

2017 Instituto Gulbenkian de Ciência. Oeiras. Portugal.
2016 EMBL. Heidelberg. Germany.
2016 Center for Protein Research. Copenhagen. Denmark.
2016 Université de Geneve. Geneve. Switzerland.
2014 Instituto de Neurosciencias. Alicante. Spain.
2014 Center for Cancer Biomedicine (CCB). Oslo. Norway.
2014 Life Sciences Institute, University of Michigan. Ann Arbor. USA.
2014 Memorial Sloan-Kettering Cancer Center. New York. USA.
2014 Biozentrum. Basel. Switzerland.
2014 Distinguished Duke-NUS Graduate Medical School seminar speaker. Singapore.
2013 Leibniz Institute for Age Research - Fritz Lipmann Institute. Jena. Germany.
2013 MPI-CBG. Dresden. Germany.
2012 Cancer Research Institute. Cambridge. UK.
2012 University of Durham. Durham. UK.
2012 CBMSO. Madrid. Spain.
2012 Institute of Genetics and Molecular and Cellular Biology (IGBMC). Illkirch. France.
2012 National Institute of Genetics (NIG). Mishima. Japan.
2011 IRB MetCentre Seminar. Barcelona. Spain.
2011 Fondazione IFOM-Istituto FIRC di Oncologia Molecolare. Milan. Italy.
2011 Università di Roma "La Sapienza". Rome. Italy.
2011 IBDML. Marseille – Luminy. France.
2011 Lent Term 2011: Gurdon Institute Seminar Series. Cambridge. UK.

2011 Pasteur Institute Seminar Series. Institut Pasteur. Paris. France.
2010 Instituto de Biomedicina de Sevilla (IBiS). Hospital Universitario Virgen del Rocío (HUVR). Sevilla. Spain.
2010 Peter MacCallum Cancer Center. Melbourne. Australia.
2010 University of Melbourne, Faculty of Science. Melbourne. Australia.
2009 CABIMER. Seville. Spain.
2009 Institut für Genetik, Universität zu Köln. Köln. Germany.
2009 Temasek Life Sciences Laboratory. Singapore.
2009 Duke-NUS Graduate School of Medicine. Singapore.
2009 Institute for Molecular and Cell Biology. University of Porto. Porto. Portugal.
2009 Division of Cell and Developmental Biology. Dundee University. Dundee. UK.
2009 IFOM-IEO Campus. Milan. Italy.
2009 MRC Laboratory for Molecular Cell Biology. UCL. London. UK.
2008 Department of Human Genetics, University of Leuven. Belgium.
2008 Institute of Human Genetics. CNRS. Montpellier. France.
2008 Neurosciences Institute of Alicante. Alicante. Spain.
2007 Institute Curie. Paris. France.
2007 Riken Institute. Kobe. Japan.
2007 Dahlem Colloquium- Max-Planck Institute for Molecular Genetics. Berlin. Germany.
2007 Facultad de Medicina, Universidad de Barcelona. Barcelona. Spain.
2007 Centro Nacional de Biotecnología. Madrid. Spain.
2006 University of Massachussets. Worcester. Massachussets. USA.
2006 Wadsworth Center. Albany. USA.
2006 Fox Chase Cancer Center. Philadelphia. USA.
2006 Cambridge University. Cambridge. U.K.
2006 IMT. Tampere. Finland.
2004 CIC. CSIC-Universidad de Salamanca. Salamanca. Spain.
2004 MPI of Molecular Cell Biology and Genetics. Dresden. Germany.
2003 MPI of Neurobiology. Martinsried. Munich. Germany.
2003 Swiss Institute for Experimental Cancer Research. Lausanne. Switzerland.
2003 Szote-Medical Center University of Szeged. Szeged. Hungary.
2003 University of Porto. Porto. Portugal.
2003 Wellcome/CR-UK Institute. Cambridge. UK.
2003 Instituto Lopez Neira. CSIC. Granada. Spain.
2003 CGR. Barcelona. Spain.
2003 CID. CSIC. Barcelona. Spain.
2002 University of Porto. Porto. Portugal.

Postgraduate teaching

2017 IBB2017-2018 Cell Biology Course. Instituto Gulbenkian de Ciência. Oeiras. Portugal.
2016 8th Course on Optical Microscopy Imaging for Biosciences. Instituto de biologia molecular e celular. Porto. Portugal.
2009 Seminars Bases Moleculares y Celulares del Cáncer, Biomedicine PhD Programme. Univ. Barcelona. Barcelona. Spain.
2007 Post Grad. Course. Univ. of Salamanca. Salamanca. Spain.
2007 PhD Programme. University of Porto. Porto. Portugal.
2006 EMBO course. Molecular mechanisms of development. Barcelona. Spain.
2006 PhD course. Molecular bases of cancer. Univ. of Salamanca. Salamanca. Spain.
2006 Confocal microscopy course. Univ. Austral. Valdivia. Chile.
2006 PhD Programme. Dpt of Genetics. University of Barcelona. Barcelona. Spain.
2005 PhD Programme. Lectures on Cell Division Machinery. CBMSO. Madrid. Spain.
2001 and 2005 PhD Programme. University of Porto. Porto. Portugal.

2002, 2003 VI and VII Curso Leica: Microscopia Confocal. Salamanca. Spain.
1994-2002 Lectures at the Ph.D. Programme. EMBL. Heidelberg. Germany.
1997 EMBO course Methods in Cell Biology. Heidelberg. Germany.
1996 Organiser of EMBL Summer School. Alicante. Spain.
1995 EMBO course Methods in Cell Biology Heidelberg. Heidelberg. Germany.
1991 EMBO course Molecular Biology of the Drosophila Embryo. Marseille. France.
1985-1987 The genetic control of cell division. Organised by Prof. Pedro Ripoll. Universidad Autonoma de Madrid. Madrid. Spain.

PUBLICATIONS

Rossi F, Stephan-Otto Attolini C, Mosquera JL, **Gonzalez C**. (2017). Drosophila larval brain neoplasms present tumour-type dependent genome instability. BioRxiv. doi: 10.1101/192492; currently under consideration in a peer reviewed journal.

Rossi F, Molnar C, Hashiyama K, Heinen JP, Pampalona J, Llamazares S, Reina J, Hashiyama T, Rai M, Pollarolo G, Fernández-Hernández I, **Gonzalez C.** (2017) An in vivo genetic screen in Drosophila identifies the orthologue of human cancer/testis gene SPO11 among a network of targets to inhibit lethal(3)malignant brain tumour growth. Open Biol. Aug;7(8). pii: 170156. doi: 10.1098/rsob.170156.

OPINION Fernández-Hernández I., Scheenaard E., Pollarolo G., **Gonzalez C.** (2016) The translational relevance of Drosophila in drug discovery.EMBO Reports. Apr;17(4):471-2.

Zhang Y., Rai M., Wang C., **Gonzalez C**., Wang H. (2016) Prefoldin and Pins synergistically regulate asymmetric division and suppress dedifferentiation. Sci Rep. Mar 30;6:23735. doi: 10.1038/srep23735

Chen K., Koe C.T., Xing Z.B., Tian X., Rossi F., Wang C., Tang Q., Zong W., Hong W.J., Taneja R., Yu F., **Gonzalez C**., Wu C., Endow S., Wang H. (2016) Arl2- and Msps-dependent microtubule growth governs asymmetric division. J. Cell Biol. Mar 14;212(6): 661-76. doi: 10.1083/jcb.201503047.

COMMENT **Gonzalez C.** (2015) Cell division: A last-minute decision. Nature. N&V, 528:196-197. doi: 10.1038/528196a.

Rossi F. and **Gonzalez C.** (2015). Studying tumor growth in Drosophila using the tissue allograft method. Nature Protocols. 10:1525-1534. doi: 10.1038/nprot.2015.096.

Gottardo M, Pollarolo G, Llamazares S, Reina J, Riparbelli MG, Callaini G, **Gonzalez C.** (2015). Loss of Centrobin Enables Daughter Centrioles to Form Sensory Cilia in Drosophila. Current Biology 25:2319-2324. doi: 10.1016/j.cub.2015.07.038.

BOOK CHAPTER Pampalona, J., Januschke, J., Sampaio, P. & **Gonzalez, C.** (2015) Time-lapse recording of centrosomes and other organelles in Drosophila neuroblasts in Methods in cell biology. Centrosome & Centriole (Academic Press). vol 129 Chapter 16 pp301-316. Edited by Renata Basto & Karen Oegema.

COMMENT Pollarolo G., **Gonzalez C.** (2014) Quantitative differences, qualitative outcomes. Elife. Oct 29;3. doi: 10.7554/eLife.04869.

REVIEW Reina J., **Gonzalez C.** (2014) When fate follows age: unequal centrosomes in asymmetric cell division. Phil. Trans. R. Soc. B. doi:10.1098/rstb.2013.0466.

Koe CT, Li S, Rossi F, Wong JJ, Wang Y, Zhang Z, Chen K, Aw SS, Richardson HE, Robson P, Sung WK, Yu F, **Gonzalez C**, Wang H. (2014) The Brm-HDAC3-Erm repressor complex suppresses dedifferentiation in Drosophila type II neuroblast lineages. Elife. doi: http://dx.doi.org/10.7554/eLife.01906.

BOOK CHAPTER Rebollo E, and **Gonzalez C**. (2013). Time-lapse imaging of embryonic neural stem cell division in Drosophila by two-photon microscopy. Current Protocols Select: Imaging and Microscopy, 561-570. Edited by S.C. Watkins & C.M. St Croix. J. Wiley & Sons, Inc. ISBN 978-1-118-04431-5 (pbk.)

Dos Santos H.G., Abia D., Janowski R., Mortuza G., Bertero M.G., Boutin M., Guarín N., Méndez-Giraldez R., Nuñez A., Pedrero J.G., Redondo P., Sanz M., Speroni S.,Teichert F., Bruix M., Carazo J.M., **Gonzalez C.**, Reina J., Valpuesta J.M., Vernos I., Zabala J.C., Montoya G., Coll M., Bastolla U., Serrano L. (2013) Structure and non-structure of centrosomal proteins. PloS ONE. 8:5.

REVIEW **Gonzalez, C.** (2013) Drosophila melanogaster: a model and a tool to investigate malignancy and identify new therapeutics. Nat Rev Cancer. Mar;13(3):172-83. doi: 10.1038/nrc3461.

Januschke, J., Reina, J., Llamazares, S., Bertran, T., Rossi, F., Roig, J., **Gonzalez, C.** (2013) Centrobin controls mother-daughter centriole asymmetry in Drosophila neuroblasts. Nat Cell Biol. Mar;15(3):241-8. doi: 10.1038/ncb2671.

REVIEW Mapelli, M., **Gonzalez, C.** (2012) On the inscrutable role of Inscuteable: structural basis and functional implications for the competitive binding of NuMA and Inscuteable to LGN. Open Biol. 2:120102. http://dx.doi.org/10.1098/rsob.120102

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