

Oscar Marín, Ph.D.

Curriculum vitae

March 2015

Present Address

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Education

1993-1997	Ph.D. in Neuroscience, Universidad Complutense de Madrid (Spain). Mentors: Agustín González and Wilhelmus JAJ Smeets
1993 1989-1993	Master Degree in Neuroscience, Universidad Complutense de Madrid (Spain) Biology Studies, Universidad Complutense de Madrid (Spain)

Professional appointments

2014-	Director, MRC Centre for Developmental Neurobiology, King's College London (UK)
2014-	Professor of Neuroscience, King's College London (UK)
2009-2014	Research Professor (with tenure), Instituto de Neurociencias, Alicante (Spain)
2006-2008	Research Associate Professor, Instituto de Neurociencias, Alicante (Spain)
2005-2010	Member of the Scientific Council of the European Research Council (ERC)
2003-2005	Research Assistant Professor, Instituto de Neurociencias, Alicante (Spain)
1998-2003	Postdoctoral Fellow, University of California San Francisco (USA), with John LR Rubenstein
1998	Postdoctoral Fellow, Instituto Cajal (CSIC), Madrid (Spain), with Angela Nieto
1996-1998	Lecturer, Dept. Morphological Sciences and Physiology, Universidad Europea de Madrid, Spain

Awards and Honors

2014	De Spoelberch Prix
2014	Wellcome Trust Senior Investigator Award
2014	Royal Society Wolfson Research Merit Award
2013	9th Biomedicine Prize by Cajal Rural de Granada Foundation
2012	FENS-EJN Young Investigator Award
2011	Rey Jaime I Award on Basic Research
2010	Elected member of the European Molecular Biology Organization (EMBO)
2009	XII Alberto Sols Award to the best scientific paper in Biomedicine
2009	NARSAD Independent Investigator Award
2008	Beckman Coulter Award from the Spanish Society of Biochemistry and Molecular Biology

2008	Bank Sabadell Award for Biomedical Research
2006	Young Investigator Award in Science and Technology, from Universidad Complutense de Madrid, Spain
2005	Founding member of the Scientific Council of the European Research Council
2005	Josep M. Sala Trepot Award from the Catalan Society for Biology
2004	European Young Investigator Award (EURYI)
2004	NARSAD Young Investigator Award
2002	European Molecular Biology Organization (EMBO) Young Investigator Award
2000	NARSAD Young Investigator Award
2000	MIND Institute Scholar at the University of California, San Francisco
1998	Postdoctoral Fellowship from the Spanish Ministry of Education and Science
1997	Ph.D. European Mention (<i>Doctor Europeus</i>)
1997	Ph.D. Extraordinary Prize from Universidad Complutense de Madrid, Spain
1995	Pre-doctoral Fellowship from the Spanish Ministry of Education and Science
1995	Short-term Fellowship from the European Science Foundation
1994	Pre-doctoral Fellowship from Universidad Complutense de Madrid, Spain
1993	Selected by the Chancellor in the list of top ten students for the class of 1989

Scientific review

2014-	Member of the Wellcome Trust Cellular & Molecular Neuroscience Expert Review Group
2013-	Member of the Advisory Editorial Board, <i>Development</i>
2013	Guest Editor, <i>Current Opinion in Neurobiology</i>
2011-2012	Section Editor (Neuronal migration), <i>Comprehensive Developmental Neuroscience</i> (Elsevier)
2011	Guest Editor, <i>Current Opinion in Genetics and Development</i>
2010-	Member of the Board of Reviewing Editors, <i>Science</i>
2009-	Contributing member of "Faculty of 1000"
2008-	Reviewing Editor, <i>European Journal of Neuroscience</i>
2008-2011	Associate Editor, <i>Developmental Dynamics</i>
	Ad hoc reviewer for: <i>Nature</i> , <i>Science</i> , <i>Cell</i> , <i>Neuron</i> , <i>Nature Neuroscience</i> , <i>Developmental Cell</i> , <i>PLoS Biology</i> , <i>Journal of Cell Biology</i> , <i>Journal of Neuroscience</i> , <i>Development</i> , <i>EMBO reports</i> , <i>European Journal of Neuroscience</i> , <i>Cerebral Cortex</i> , <i>Developmental Biology</i> , <i>Molecular and Cellular Neuroscience</i> , <i>Journal of Comparative Neurology</i> , <i>Neuroscience</i> .

Membership in Scientific and Professional Societies

American Association for the Advancement of Science (AAAS)
European College of Neuropsychopharmacology (ECNP)
European Molecular Biology Organization (EMBO)
Society for Neuroscience (SFN)
Spanish Society for Neuroscience (SENC)
Spanish Society of Biochemistry and Molecular Biology (SEBBM)

National and International Committees

2013	Member of the Program Committee for the FENS forum 2014 (Milano)
2012-	Member of the Jury for the BBVA Foundation Frontiers of Knowledge Award in Biomedicine
2012-	Member of the Scientific Advisory Board of the ROAMER (Roadmap for Mental Health Research in Europe) project
2012	MINECO Panel on the creation of the Spanish National Agency for Research
2012-	Member of the Scientific Committee of IDIBAPS (Barcelona)
2011-	Member of the Jury for the FEBS/EMBO Women in Science Award
2010	COSCE Panel on the creation of the Spanish National Agency for Research
2010-	Scientific Advisor to the Pasqual Maragall Foundation
2009-	Member of the Jury for the Bank Sabadell Award for Biomedical Research

2009-2011	Member of the Program Committee, Spanish Society for Neuroscience (SENC)
2009-	Scientific Advisory Panel, European College of Neuropsychopharmacology (ECNP)
2009-2011	Scientific Advisor to the Alicia Koplowitz Foundation
2008-	Member of the European Dana Alliance for the Brain (EDAB)
2006	Member of the Government Advisory Panel for the creation of a National Agency for Research Funding
2005-2010	Founding Member of the Scientific Council of the European Research Council
2005	Member of the Panel on the Future of Science in Spain (CRECE Action)
2004-2007	Member of the Board of Directors, Instituto de Neurociencias de Alicante

Teaching and Meeting Organisation

2015	EMBO Workshop on Cortical Interneurons in Health and Disease, Mallorca (Spain)
2015	EMBO Practical Course: Developmental Neurobiology: From Worms to Mammals, London (UK)
2014	FENS/SFN Summer School on Neurodevelopmental Disorders, Bertinoro (Italy)
2012	EMBO Workshop on Cortical Interneurons in Health and Disease, Mallorca (Spain)
2012	Molecular Biology of the Cell course, Institute Pasteur, Paris (France)
2010	PENS school of Neuroscience, Obergurgl (Austria)
2009	EMBO Workshop on Cortical Interneurons in Health and Disease, Mallorca (Spain)
2008	PhD Program in Neuroscience, Karolinska Institute, Stockholm (Sweden)
2008	PhD Program in Neuroscience, University of Porto (Portugal)
2003-2008	PhD Program in Neuroscience, University of Murcia (Spain)
2006	Atlantic School of Neuroscience, La Coruña (Spain)
2006	Master on Neuroscience, University of Barcelona (Spain)
2006	Summer School in Neuroscience, FDS, Soria (Spain)
2005	EMBO PhD Program, Heidelberg (Germany)
2005	Summer School in Neuroscience, UIMP, Santander (Spain)
2004-2005	PhD Program in Biology and Medicine (PGDBM), Gulbenkian Institute, Oeiras (Portugal)
2004	PhD Program in Neuroscience, University of La Laguna (Spain)
2003	PhD Program in Neuroscience, University of Tenerife (Spain)
2003	Summer School in Neuroscience, University Pablo Olavide, Carmona (Spain)
2003-2014	PhD Program in Neuroscience, University Miguel Hernández, Alicante (Spain)

Thesis

2014	Development of neuronal lineages in the mammalian cerebral cortex Doctorate: Gabriele Ciceri University: Universidad Miguel Hernández de Elche (Spain), <i>Summa cum laude</i> <i>Career progression:</i> Gabriele have now moved to carry out postdoctoral training with Lorenz Studer at the Memorial Sloan-Kettering Cancer Center in New York.
2010	Analysis of the mechanisms regulating the intracortical dispersion of interneurons Doctorate: Juan Antonio Sánchez-Alcañiz University: Universidad Miguel Hernández de Elche (Spain), <i>Summa cum laude</i> <i>Career progression:</i> Juan Antonio moved on to carry out postdoctoral training with Richard Benton at Lausanne University.
2009	Intracellular proteins implicated in the migration of cortical neurons Doctorate: Manuel Valiente Cortés University: Universidad Miguel Hernández (Spain), <i>Summa cum laude</i> <i>Career progression:</i> Manuel moved on to carry out postdoctoral training with Joan Massagué at the Memorial Sloan-Kettering Cancer Center in New York, and has been recently recruited as a junior group leader at the Spanish National Cancer Research Center (CNIO) in Madrid.
2009	Cellular and molecular mechanisms controlling the migration of cortical interneurons: A role for postmitotic Nkx2-1 in neuronal migration

	Doctorate: Sandrina Nóbrega Pereira University: Coimbra Universidade (Portugal), <i>Summa cum laude</i> <i>Career progression:</i> Sandrina moved on to carry out postdoctoral training with Manuel Serrano at the Spanish National Cancer Research Center (CNIO) in Madrid, and she is now doing a second postdoctoral stage with Sergio Dias at the Institute of Molecular Medicine in Lisbon.
2008	Molecular mechanisms involved in the specification and distribution of cortical interneurons Doctorate: Ramón Pla Ferriz University: Universidad Miguel Hernández de Elche (Spain), <i>Summa cum laude</i> <i>Career progression:</i> Ramón moved on to carry out postdoctoral training with John Rubenstein at the University of California San Francisco.
2005	Molecular mechanisms involved in the migration of cortical interneurons Doctorate: Nuria Flames Bonilla University: Universidad Miguel Hernández de Elche (Spain), <i>Summa cum laude</i> <i>Career progression:</i> Nuria moved on to carry out postdoctoral training with Oliver Hobert at Columbia University in New York. She was then recruited as a CSIC tenured scientist at the Biomedicine Institute in Valencia, where she holds an ERC Starting Grant.

Science Policy and Public Awareness Conferences

May 2013	European Month of the Brain Conference, Scuola de Studi Superiori dell'Università degli Studi di Torino (Italy)
Jan 2013	Invited speaker, Horizon 2020 Forum, Barcelona (Spain)
Sept 2012	Invited speaker, Univ. Internacional Menéndez Pelayo, Santander (Spain)
Jul 2010	Invited speaker, ERC Funding on Frontier Research, FENS Forum, Amsterdam (Netherlands)
Feb 2010	Invited speaker, 3 rd European Brain Policy Forum, Madrid (Spain)
Dec 2008	Invited speaker, La Marató-TV3 on Mental Illness, Sabadell (Spain)
Jul 2008	Invited speaker, FENS Forum, Genève (Switzerland)
Mar 2008	Invited speaker, Brain Awareness Week, Albacete (Spain)
Dec 2007	Invited speaker, ERC Forum, Madrid (Spain)
Sept 2007	Invited speaker, European Young Investigator Contest, Valencia (Spain)
May 2007	Invited speaker, Open University of Barcelona (Spain)
May 2007	Invited speaker, ESF Science Policy Forum, Strasbourg (France)
April 2007	Invited speaker, FP7 Forum, Madrid (Spain)
Mar 2007	Invited speaker, ERC Policies, Elche (Spain)
Oct 2006	Invited speaker, EURYI Forum, Prague (Czech Republic)
Aug 2006	Invited speaker, Spanish Science Policy Forum, UIMP, Santander (Spain)
Nov 2005	Invited speaker, ISE workshop on ERC, Paris (France)
Mar 2005	Invited speaker, Brain Awareness Week, Alicante (Spain)
Jun 2004	Invited speaker, National Neuroscience Course, Carmona (Spain)

Invited Lectures and Conferences (since 2003)

Nov 2014	International Forum on New Therapeutic Approaches to Schizophrenia, Madrid (Spain)
May 2014	Friedrich Miescher Lecture, Friedrich Miescher Institute, Basel (Switzerland)
Sept 2013	Plenary speaker, Meeting of the Spanish Society for Neuroscience, Oviedo (Spain)
July 2013	Invited speaker, Wiring the Brain meeting, Cold Spring Harbor Laboratory (NY)
July 2013	Invited speaker, Erasmus University, Rotterdam (Netherlands)
May 2013	Plenary speaker, Meeting of the Portuguese Society for Neuroscience, Luso (Portugal)
April 2013	Invited speaker, VIB Center for the Biology of Disease, KU Leuven (Belgium)
April 2013	Invited speaker, 4 th Annual Seminar in Neuroscience (ANMI-Servier), Saint-Jean-Cap-Ferrat (France)
Feb 2013	Invited speaker, New York University at Abu Dhabi (EAU)
Jan 2013	Invited speaker, Interdisciplinary Institute for Neuroscience, Bordeaux (France)

Sept	2012	Invited speaker, CIBERER symposium on Autism, Barcelona (Spain)
Jul	2012	Invited speaker, Neurex Workshop, Strasbourg (France)
Jul	2012	Award speaker, 8 th FENS Forum, Amsterdam (Netherlands)
Jul	2012	Invited speaker, ECMNET workshop, Barcelona (Spain)
Feb	2012	Invited speaker, University College London (UK)
Jan	2012	Invited speaker, University of Hannover (Germany)
Nov	2011	Invited speaker, Collège de France, Paris (France)
Oct	2011	Invited speaker, FP7 Conference, Istanbul (Turkey)
Sept	2011	Invited speaker, EMBO Conference, Ascona (Switzerland)
July	2011	Invited speaker, Gordon conference, Colby College (ME)
June	2011	Invited speaker, Gordon conference, Salve Regina (RI)
May	2011	Invited speaker, 4 th Cortical Development Meeting, Crete (Greece)
May	2011	Invited speaker, Ecole Normale Supérieure, Paris (France)
Mar	2011	Invited speaker, European Psychiatry Association Meeting, Vienna (Austria)
Jan	2011	Invited speaker, San Raffaele Scientific Institute, Milan (Italy)
Nov	2010	Invited speaker, Genentech, San Francisco (CA)
Oct	2010	Plenary speaker, Spanish Psychiatry Association Meeting, Barcelona (Spain)
Sept	2010	Invited speaker, University of Lausanne (Switzerland)
Aug	2010	Invited speaker in symposium, European College of Neuropsychopharmacology, Amsterdam (Netherlands)
Jul	2010	Plenary speaker, 7 th FENS Forum, Amsterdam (Netherlands)
Jun	2010	Invited speaker, University of Salamanca (Spain)
Jun	2010	Invited speaker, University of Castilla-La Mancha, Albacete (Spain)
May	2010	Invited speaker, Catalan Institute of Oncology, Barcelona (Spain)
April	2010	Invited speaker, 6 th European Conference on Comparative Neurobiology, Valencia (Spain)
Mar	2010	Invited speaker, National Center of Biotechnology, Madrid (Spain)
Jan	2010	Invited speaker, Institute of Genetics and Molecular Biology, Strasbourg (France)
Jan	2010	Invited speaker, PENS school of Neuroscience, Obergurgl (Austria)
Oct	2009	Invited speaker in symposium, International University of Andalucía, Baeza (Spain)
Oct	2009	Invited speaker, Keio Global COE International Symposium, Awaji Island (Japan)
Sept	2009	Invited speaker, 16 th International Society of Developmental Biologists Congress, Edinburgh (UK)
Jul	2009	Invited speaker, Gordon conference, Colby College (ME)
Jun	2009	Invited speaker and co-organizer, EMBO Workshop, Mallorca (Spain)
April	2009	Invited speaker, Wiring the brain Conference, Adare (Ireland)
Feb	2009	Invited speaker, IBIS-Biomedical Institute of Sevilla, (Spain)
Jan	2009	Invited speaker, University of Basel (Switzerland)
Nov	2008	Invited speaker, New York University, NY
Nov	2008	Invited speaker, Massachusetts General Hospital, Boston (MA)
Oct	2008	Invited speaker, Barcelona Biomed Conferences (Spain)
Sept	2008	Invited speaker, Joint meeting of the Spanish and British Societies of Developmental Biology, Seville (Spain)
Sept	2008	Plenary speaker, XXI Meeting of the Spanish Society of Biochemistry and Molecular Biology, Bilbao (Spain)
Sept	2008	Invited speaker, Karolinska Institute, Stockholm (Sweden)
Jul	2008	Symposium chair, 6 th FENS Forum, Genève (Switzerland)
Jul	2008	Invited speaker, Keio Global COE International Symposium, Tokyo (Japan)
Jun	2008	Invited speaker, 17 th Meeting of the International Society for Developmental Neuroscience, Asilomar (CA)
May	2008	Invited speaker, 3 rd Cortical Development Meeting, Crete (Greece)
April	2008	Invited speaker, Paraplegics National Hospital, Toledo (Spain)
Mar	2008	Invited speaker, Center of Genomic Regulation, Barcelona (Spain)
Feb	2008	Invited speaker, University of Edinburgh (UK)
Nov	2007	Invited speaker, SFB International Symposium, Potsdam (Germany)
Oct	2007	Invited speaker, FEBS Workshop, Capri (Italy)
Sept	2007	Invited speaker, EMBO Conference, Ascona (Switzerland)
Jun	2007	Invited speaker, Center of Developmental Biology, Sevilla (Spain)
May	2007	Invited speaker, 8th Colloque de la Société des Neurosciences, Montpellier

		(France)
Mar	2007	Invited speaker, Institute Pasteur, Paris, (France)
Nov	2006	Invited speaker, 100 Years of Cajal, Madrid (Spain)
Oct	2006	Invited speaker, University of Valencia (Spain)
Oct	2006	Invited speaker, La Caixa Forum, Barcelona (Spain)
Sept	2006	Invited speaker, Max-Delbrück-Center for Molecular Medicine, Berlin (Germany)
Sept	2006	Plenary speaker, XIX Meeting of the Spanish Society of Biochemistry and Molecular Biology, Elche (Spain)
Jul	2006	Invited speaker, 5 th FENS Forum, Vienna (Austria)
May	2006	Invited speaker, Institute of Molecular and Cellular Biology, Valencia (Spain)
Mar	2006	Invited speaker, University Complutense, Madrid (Spain)
Mar	2006	Invited speaker, Institute of Advance Studies, Barcelona (Spain)
Nov	2005	Invited speaker, Consejo Superior de Investigaciones Científicas, Madrid (Spain)
Oct	2005	Invited speaker, EMBO Neuroscience meeting, Alicante (Spain)
Oct	2005	Plenary speaker, XVIII Meeting of the Spanish Society of Biochemistry and Molecular Biology, Bilbao (Spain)
Jul	2005	Invited speaker, MPI Neurobiology, Martinsried (Germany)
Jun	2005	Invited speaker, EMBO YIP meeting, Heidelberg (Germany)
May	2005	Invited speaker, 1 st Cortical Development Meeting, Santorini (Greece)
April	2005	Invited speaker, 3 rd Euroconference on Axon guidance, Barcelona (Spain)
Mar	2005	Invited speaker, Center for Cancer Research, Salamanca (Spain)
Feb	2005	Invited speaker, University College London (UK)
Jan	2005	Invited speaker, Instituto Cajal, Madrid (Spain)
Dec	2004	Invited speaker, Ecole Normale Supérieure, Paris (France)
Nov	2004	Invited speaker, National Center of Biotechnology, Madrid (Spain)
Oct	2004	Invited speaker, SFN Meeting, San Diego (CA)
Sept	2004	Invited speaker, 1 st Meeting on Neuronal Migration, Elba (Italy)
May	2004	Invited speaker, King's College London (UK)
May	2004	Invited speaker, Universidad Autónoma de Madrid (Spain)
Mar	2004	Invited speaker, National Institute of Medical Research, London (UK)
Mar	2004	Invited speaker, Hôpital de la Salpêtrière, Paris (France)
Feb	2004	Invited speaker, CIMA, Navarra (Spain)
Jan	2004	Invited speaker, University of the Bask Country, Bilbao (Spain)
Nov	2003	Invited speaker, NIDA Symposium, New Orleans (MI)
Nov	2003	Invited speaker, Institute of Biological Investigations, Madrid (Spain)
Oct	2003	Invited speaker, TIGEM, Naples (Italy)
Sept	2003	Invited speaker, EMBO Meeting, Varenna (Italy)
Sept	2003	Invited speaker, SENC Meeting, Lérida (Spain)
Sept	2003	Invited speaker, INMED Conference, La Ciotat (France)
Mar	2003	Invited speaker, Juan March Workshop, Madrid (Spain)
Mar	2003	Invited speaker, University of Málaga (Spain)

Grants (since 2003)

2014-2019	General principles underlying the assembly of cortical inhibitory circuits Wellcome Trust Senior Investigator Award, 2.560.000 GBP PI: Oscar Marín
2012-2016	Excitatory and inhibitory cell assemblies in the cerebral cortex European Research Council (ERC) Advanced Grant, 2.493.481 Euros PI: Oscar Marín
2012-2015	Role of Caspr2 (CNTNAP2) in brain circuits Simons Foundation SFARI Grant, 750.000 \$ for three groups PI: Elior Peles, Oscar Marín and Daniel Geshwind
2012-2015	Mechanisms controlling the development of the cerebral cortex Ministerio de Ciencia e Innovación, 544.500 Euros PI: Oscar Marín
2012-2014	ErbB4 signalling in schizophrenia and cognition Lilly research Award Program, 280.720 \$ PI: Beatriz Rico and Oscar Marín
2010-2011	The role of Disrupted in Schizophrenia 1 (Disc 1) in the development of cortical interneurons: Implications for major psychiatric disorders

	NARSAD Independent Investigator Award, 92.943 \$
2009-2011	PI: Oscar Marín Neregulin/ErbB4 signaling pathways and development of cortical inhibitory circuits: implications for the etiology of schizophrenia Fundació La Marató de TV3, 223.636 Euros
2009-2011	PI: Oscar Marín Molecular coding and subset specification of dopamine neurons generating the the meso-limbic and nigro-striatal systems (mdDANEURODEV) European Commission FP7 Framework Program, 309.570 Euros
2009-2011	PI: Oscar Marín Cortical interneuron development in health and disease Ministerio de Ciencia e Innovación, SAF2009-08049-E, 165.000 Euros
2008-2011	PI: Oscar Marín Unbalanced inhibitory function in Tourette's syndrome: Insights from novel animal models Tourette Syndrome Association, 74.000\$
2008-2012	PI: Oscar Marín Mechanisms controlling the development of cortical GABAergic interneurons Ministerio de Ciencia e Innovación, 435.600 Euros
2007	PI: Oscar Marín Nervous System Development and Plasticity Ministerio de Educación y Ciencia – Consolider-Ingenio, 5.700.000 Euros
2007	PI: Juan Lerma (Coordinator). Oscar Marín leads one of five teams. Adquisición de un sistema de estereología para microscopía óptica y de fluorescencia. Generalitat Valencia, 67.500 Euros
2006-2008	PI: Oscar Marín Gene networks in cortical interneuron development: modelling interneuron function in health and disease (INTERDEVO) Generalitat Valenciana – Acción complementaria, 16.000 Euros
2006	PI: Oscar Marín Gene networks in cortical interneuron development: modelling interneuron function in health and disease (INTERDEVO) Ministerio de Educación y Ciencia – Acción complementaria, 10.600 Euros
2005-2009	PI: Oscar Marín Gene networks in cortical interneuron development: modelling interneuron function in health and disease (INTERDEVO) Generalitat Valenciana – Acción complementaria, 10.000 Euros
2005-2007	PI: Oscar Marín Mecanismos que controlan la especificación y la migración del las interneuronas de la corteza cerebral de los mamíferos Ministerio de Educación y Ciencia, 130.900 Euros
2005-2009	PI: Oscar Marín Gene networks in cortical interneuron development: modelling interneuron function in health and disease (INTERDEVO) Ministerio de Educación y Ciencia – Acción complementaria, 28.000 Euros
2005-2007	PI: Oscar Marín Genetics of cortical interneuron development: modeling interneuron function in health and disease EUROHOCS and ESF, 977.028 Euros
2004-2007	PI: Oscar Marín Gene networks in cortical interneuron development: modeling interneuron function in health and disease (INTERDEVO) European Commission FP6 Framework Program, 2.000.000 Euros.
2004-2006	PI: Oscar Marín (Coordinator). Oscar Marín leads one of seven teams. Evaluación de la viabilidad de la terapia celular en el tratamiento de enfermedades de la corteza cerebral Fundació "la Caixa", 138.000 Euros
2004-2006	PI: Oscar Marín Neuregulin1, cortical development, and the etiology of schizophrenia

	NARSAD Young Investigator Award, 60.000 \$
2004-2006	PI: Oscar Marín Cell migration in the forebrain European Molecular Biology Organization (EMBO) YIP Program, 45.000 Euros
2003	PI: Oscar Marín Mecanismos que controlan la distribución regional de las interneuronas de la corteza cerebral Ministerio de Ciencia y Tecnología - Acciones Integradas (Francia), 10.404 Euros
2003	PI: Oscar Marín Desarrollo de una nueva terapia celular para la enfermedad de Alzheimer Ministerio de Trabajo y Asuntos Sociales, 19.474 Euros
2003-2006	PI: Oscar Marín Patologías del Desarrollo del Cerebro Generalitat Valenciana Program, 99.000 Euros
2002-2004	PI: Francisco Tejedor (Coordinator). Oscar Marín led one of the four teams. Mecanismos que controlan la especificación y la migración de las interneuronas de la corteza cerebral de los mamíferos Ministerio de Ciencia y Tecnología, 134.050 Euros PI: Oscar Marín

Research Articles

1. Yang S, Edman LC, Sanchez-Alcaniz JA, Fritz N, Bonilla S, Hecht J, Uhlen P, Pleasure SJ, Villaescusa JC, Marín O, Arenas E (2013) Cxcl12/Cxcr4 signaling controls the migration and process orientation of A9-A10 dopaminergic neurons. *Development* 140:4554-4564.
2. del Pino I, García-Frigola I, Dehorter N, Brotons-Mas JR, Alvarez-Salvado E, Martínez de Lagrán M, Ciceri G, Gabaldón MV, Moratal D, Dierssen M, Canals S, Marín O, Rico B (2013) Erbb4 deletion from fast spiking interneurons causes schizophrenia-like phenotypes. *Neuron* 79:1152-1168.
3. Ciceri G, Dehorter N, Sols I, Huang ZJ, Maravall M, Marín O (2013). Lineage-specific laminar organization of cortical GABAergic interneurons. *Nature Neuroscience* 16:1199-1210.
4. Holgado BL, Martínez-Muñoz L, Sánchez-Alcañiz JA, Lucas P, Pérez-García V, Pérez G, Rodríguez-Frade JM, Nieto M, Marín O, Carrasco YR, Carrera AC, Alvarez-Dolado M, Mellado M (2013) CXCL12-mediated murine neural progenitor cell movement requires PI3Kβ activation. *Molecular Neurobiology* 48:217-31.
5. Villar-Cerviño V, Molano-Mazón M, Catchpole T, Valdeolmillos M, Henkemeyer M, Martínez LM, Borrell V, Marín O (2013) Contact repulsion controls the dispersion and final distribution of Cajal-Retzius cells. *Neuron*, 77: 457-471.
6. Borrell V, Cardenas A, Ciceri G, Galcerán J, Flames N, Pla R, Nóbrega-Pereira S, García-Frigola C, Peregrín S, Zhao Z, Ma L, Tessier-Lavigne M, Marín O (2012). Slit/Robo signaling modulates the proliferation of central nervous system progenitors. *Neuron* 76: 338-352.
7. Ortega MC, Bribián A, Peregrín S, Gil MT, Marín O, de Castro F (2012) Neuregulin-1/ErbB4 signaling controls the migration of oligodendrocyte precursor cells during development. *Experimental Neurology* 235: 610-620.
8. Gelman D, Griveau A, Dehorter N, Teissier A, Varela C, Pla R, Pierani A, Marín O (2011) A wide diversity of cortical GABAergic interneurons derives from the embryonic preoptic area. *Journal of Neuroscience* 31:16570-16580.
9. Valiente M, Ciceri G, Rico B, Marín O (2011) Focal Adhesion Kinase modulates radial glia-dependent neuronal migration through Connexin-26. *Journal of Neuroscience* 31:11678-11691.
10. Sánchez-Alcañiz JA, Haege S, Mueller E, Pla R, Mackay F, Schulz S, López-Bendito G, Stumm R, Marín O (2011) Cxcr7 controls neuronal migration by regulating chemokine responsiveness. *Neuron* 69, 77-90.
11. Kaneko N, Marín O, Koike M, Hirota Y, Uchiyama Y, Wu JY, Lu Q, Tessier-Lavigne M, Alvarez-Buylla Arturo, Okano H, Rubenstein JLR, Sawamoto K. (2010). New neurons clear the path of astrocytic processes for their rapid migration in the adult brain. *Neuron* 67:213-223.
12. Nóbrega-Pereira S, Gelman D, Bartolini G, Pla R, Pierani A, Marín O. (2010). Origin and molecular specification of globus pallidus neurons. *Journal of Neuroscience*, 30: 2824-2834.
13. Fazzari P, Paternain Av, Valiente M, Pla R, Luján R, Lloyd K, Lerma J, Marín O, Rico B. (2010). Control of cortical GABA circuitry development by Nrg1 and ErbB4 signalling. *Nature*, 464: 1377-1380.
14. Martín-Ibáñez R, Crespo E, Urbán N, Sergent-Tanguy S, Herranz C, Jaumot M, Valiente M, Long JE, PiNeda JR, Andreu C, Rubenstein JL, Marín O, Georgopoulos K, Mengod G, Fariñas I, Bachs O, Alberch J, Canals JM. (2009). Ikaros-1 couples cell cycle arrest of late striatal precursors with neurogenesis of enkephalinergic neurons. *Journal of Comparative Neurology*, 518(3): 329-351.
15. Martini FJ, Valiente M, López-Bendito G, Szabó G, Moya F, Valdeolmillos M, Marín O (2009). Biased selection of leading process branches mediates chemotaxis during tangential neuronal migration. *Development*, 136(1): 41-50.
16. Gelman DM, Martini JF, Nóbrega-Pereira S, Pierani A, Kessaris N, Marín O (2009). The embryonic preoptic area is a novel source of cortical GABAergic interneurons. *Journal of Neuroscience*, 29 (29): 9380-9389.
17. Nóbrega-Pereira S, Kessaris N, Du T, Kimura S, Anderson S.A, Marín O (2008) Postmitotic Nkx2-1 controls the migration of telencephalic interneurons by direct repression of guidance receptors. *Neuron* 59:733-45.
18. López-Bendito G, Sánchez-Alcañiz JA, Pla B, Borrell V, Picó E, Valdeolmillos M, Marín O (2008). Chemokine signaling controls intracortical migration and final distribution of GABAergic

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