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CARGOS ACTUALES

- 2002 – presente Jefe de Laboratorio, Fundación Instituto Leloir, Buenos Aires, Argentina.
- 2002 – presente Carrera de Investigador de CONICET. Categoría actual: Investigador Principal.
- 2013 – presente Presidente de la Fundación Instituto Leloir

EDUCACIÓN

INSTITUCIÓN	TÍTULO	AÑO DE FINALIZACIÓN	DISCIPLINA
Fac. de Cs. Exactas y Naturales, UBA	Lic. en Cs. Biológicas	1990	Biología
University of California, San Diego	PhD	1996	Neurociencias
Univ. of California, San Diego	PostPhD	1997-2000	Neurociencias
The Salk Institute, California	PostPhD	2000-2002	Neurociencias

EXPERIENCIA PROFESIONAL

- 2000-02 Investigador Asociado, The Salk Institute for Biological Studies, La Jolla, California, laboratorio de F.H. Gage. Disciplina: neurociencias.
- 1997-2000 Investigador Postdoctoral, Department of Biology, UCSD, La Jolla, California, laboratorio de M-m. Poo. Disciplina: neurociencias.
- 1990-96 Tesis de Doctorado, Department of Biology, UCSD, La Jolla, California. Disciplina: neurociencias.
- 1988-90 Seminario de Licenciatura, Instituto de Biología Celular, Facultad de Medicina, UBA. Disciplina: neurociencias.
- 1987-88 Pasantía en investigación, Instituto de Investigaciones Farmacológicas (ININFA), Buenos Aires. Disciplina: neurociencias.

DISTINCIONES Y PREMIOS

- 115 conferencias y simposios invitados (43 nacionales, 72 internacionales), incluyendo 21 Conferencias Plenarias
- 2017 Miembro del Jurado del Innovators in Science Award, New York Academy of Sciences and Takeda Pharmaceuticals
- 2013 Friedrich Wilhelm Bessel Research Award, Humboldt Foundation, Alemania
- 2010 Beca John Simon Guggenheim Memorial Foundation, USA
- 2012-17 Senior International Research Scholar, Howard Hughes Medical Institute
- 2007-12 International Research Scholar, Howard Hughes Medical Institute
- 2007 PhD Thesis Opponent, Section for Restorative Neurology, Lund University, Lund, Sweden.
- 2002 Declaración No. 93/02 del Senado de la Nación Argentina en reconocimiento de la labor científica
- 1997 Beca de Investigación Postdoctoral, Myasthenia Gravis Foundation of America.
- 1994 Premio a la excelencia docente, otorgado por el Dept. of Biology, UC San Diego.
- 1988-90 Beca de Investigación para Estudiantes, otorgada por la Univ. de Buenos Aires (UBA).
- 1988 Beca para entrenamiento en tecnología de ADN recombinante. Otorgada por Sandoz Pharmaceutical a través del IAESTE. Basel, Switzerland

Editorial Boards

2016 – presente	Cell Reports
2016 – presente	IBRO Reports
2013 – presente	Brain Plasticity
2009 – presente	Reviewing Editor, <i>Frontiers in Neurogenesis</i>
2008 – presente	Reviewing Editor, <i>Frontiers in Neural Circuits</i>
2010 –17	<i>Developmental Neurobiology</i>
2009 –16	Faculty Member, Faculty of 1000 Biology (Neuroscience)

ACTIVIDADES DE GESTION ACADEMICA

2013 – presente	Presidente de la Fundación Instituto Leloir
2013 –15	Presidente Saliente de la Sociedad Argentina de Investigación en Neurociencias (SAN)
2011 –14	Miembro Electo del Consejo Directivo, IIBBA – CONICET
2011 –13	Presidente de la SAN
2009 –11	Vicepresidente de la SAN
2007 –09	Miembro de la Comisión Directiva, SAN
2004 –06	Tareas de vicedirección del Inst. Leloir compartidas con A. Gamarnik y F. Ceriani (Director L. Ielpi). Proyecto central: reformas del circuito administrativo e informatización de la administración del Instituto Leloir.

PUBLICACIONES

Número total de citaciones: 8,428 (Abril 2018, *google scholar*)

h index: 26 (Abril 2018, *google scholar*)

49. Piatti VC, **Schinder AF**. Hippocampal Mossy Cells Provide a Fate Switch for Adult Neural Stem Cells. *Neuron* 8: 425-27, 2018 (Preview). PMID: 30092210
48. **Schinder AF**, Lanuza GM. Whispering synapses fuel cortical highways. *Science* 360: 265-6, 2018 (Perspective). PMID: 29674579
47. Kempermann G, Gage FH, Aigner L, Song H, Curtis M, Thuret S, Kuhn HG, Jessberger S, Frankland PW, Cameron HA, Gould E, Hen R, Abrous DN, **Schinder AF**, Zhao X, Lucassen PJ, Frisén J. *Human adult neurogenesis: evidence and remaining questions*. *Cell Stem Cell* 23: 1-6, 2018. PMID: 29681514
46. Trincherro MF, Buttner KA, Sulkes Cuevas JN, Temprana SG, Fontanet PA, Monzón-Salinas MC, Ledda F, Paratcha G, **Schinder AF**. *High plasticity of new granule cells in the aging hippocampus*. *Cell Reports* 21:1129-39, 2017. PMID: 29091753. [Comment by R. Beckervordersandforth in Cell Reports 21:1127.](#)
45. Pozo Devoto VM, Dimopoulos N, Alloatti M, Pardi MB, Saez TM, Otero MG, Cromberg LE, Marín-Burgin A, Scassa ME, Stokin GB, **Schinder AF**, Sevlever G, Falzone TL. *α Synuclein control of mitochondrial homeostasis in human-derived neurons is disrupted by mutations associated with Parkinson's disease*. *Scientific Reports* 7:5042, 2017. PMID: 28698628
44. Beckervordersandforth R, Ebert B, Schäffner I, Moss J, Fiebig C, Shin J, Moore DL, Ghosh L, Trincherro MF, Stockburger C, Friedland K, Steib K, von Wittgenstein J, Keiner S, Redecker C, Hölter SM, Xiang W, Wurst W, Jagasia R, **Schinder AF**, Ming GL, Toni N, Jessberger S, Song H, Lie DC. *Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis*. *Neuron* 93:560-73, 2017. PMID: 28334613
43. Sailor KA, **Schinder AF**, Lledo PM. *Adult neurogenesis beyond the niche: its potential for driving brain plasticity*. *Current Opinion in Neurobiology* 42:111-17, 2017. PMID: 28040643

42. Lempel AA, Coll L, **Schinder AF**, Uchitel O, Piriz J. *Chronic Pregabalin Treatment Decreases Excitability of Dentate Gyrus and Accelerates Maturation of Adult-born Granule Cells*. Journal of Neurochemistry 140:257-26, 2017. PMID: 27419661
41. Alvarez DD, Giacomini D, Yang SM, Trincherro MF, Temprana SG, Büttner KA, Beltramone N, **Schinder AF**. *A Disynaptic Feedback Network Activated by Experience Promotes the Integration of New Granule Cells*. Science 354:459-65, 2016. PMID: 27789840. [Recommended in F1000 Prime DOI: 10.3410/f.726888095.793524815](https://doi.org/10.3410/f.726888095.793524815).
40. Petracca YL, Sartoretti MM, Di Bella DJ, Marin Burgin A, Carcagno AL, **Schinder AF**, Lanuza GM. *The Late and Dual Origin of Cerebrospinal Fluid-contacting Neurons in the Mouse Spinal Cord*. Development 143:880-91, 2016. PMID: 26839365
39. Toni N, **Schinder AF**. *Maturation and Functional Integration of New Granule Cells into the Adult Hippocampus*. Cold Spring Harbor Perspectives in Biology 4;8(1):a018903, 2015. PMID: 26637288
38. Yang SM, Alvarez DD, **Schinder AF**. *Reliable genetic labeling of adult-born dentate granule cells using *Ascl1CreERT2* and *GLASTCreERT2* murine lines*. The Journal of Neuroscience, 18:15379-90, 2015. PMID: 26586824
37. Pardi MB, Ogando M, **Schinder AF***, Marín-Burgin A*. *Differential inhibition onto developing and mature granule cells generates high-frequency filters with variable gain*. eLife 4:e08764, 2015. (*corresponding authors) PMID: 26163657
36. Kropff E, Yang SM, **Schinder AF**. *Dynamic Role of Adult-Born Dentate Granule Cells in Memory Processing*. Current Opinion in Neurobiology 35:21-26, 2015. PMID: 26100379
35. Trincherro MF, Koehl M, Bechakra M, Delage P, Charrier V, Grosjean N, Ladeveze E, **Schinder AF** and Abrous DN. *Effects of spaced learning in the water maze on development of dentate granule cells generated in adult mice*. Hippocampus 25:1314-26, 2015. PMID: 25740272
34. Bergami M, Masserdotti G, Temprana SG, Motori E, Eriksson TM, Göbel J, Yang SM, Conzelmann KK, **Schinder AF**, Götz M and Berninger B. *A critical period for experience-dependent remodelling of adult-born neuron connectivity*. Neuron 85:710-717, 2015. PMID: 25661179
33. Temprana SG, Mongiat LA, Yang SM, Trincherro MF, Alvarez DD, Kropff E, Giacomini DP, Beltramone N, Lanuza GM, **Schinder AF**. *Delayed coupling to feedback inhibition during a critical period for the integration of adult-born granule cells*. Neuron 85: 116–30, 2015. PMID: 25533485. [Comment by L. Wadiche in Neuron 85:3 and in F1000 Prime DOI: 10.3410/f.725287920.793502722](https://doi.org/10.3410/f.725287920.793502722).
32. Krzisch M, Temprana SG, Mongiat LA, Armida J, Schmutz V, Virtanen MA, Kocher-Braissant J, Kraftsik R, Vutskits L, Conzelmann KK, Bergami M, Gage FH, **Schinder AF**, Toni N. *Pre-existing astrocytes form functional perisynaptic processes on neurons generated in the adult hippocampus*. Brain Structure and Function, 220: 2027–42, 2015. PMID: 24748560
31. Mongiat LA, **Schinder AF**. *A Price to Pay for Adult Neurogenesis*. Science 344: 594-5, 2014 (Perspective). PMID: 24812393
30. Morgenstern NA, Giacomini DP, Lombardi G, Castaño E and **Schinder AF**. *Delayed Dendritic Development in Newly Generated Dentate Granule Cells by Cell-Autonomous Expression of the Amyloid Precursor Protein*. Molecular and Cellular Neuroscience 56: 298-306, 2013. PMID: 23851186
29. Marín-Burgin A, Mongiat LA, Pardi MB and **Schinder AF**. *Unique Processing During a Period of High Excitation/Inhibition Balance in Adult-Born Neurons*. Science 335: 1238-42, 2012. PMID: 22282476. [Comment by G. Kempermann in Science 335:1175. Recommended in F1000 Prime DOI: 10.3410/f.13594956.14986056](https://doi.org/10.3410/f.13594956.14986056)
28. Marín-Burgin A and **Schinder AF**. *Requirement of adult-born neurons for hippocampus-dependent learning*. Behavioral Brain Research 227: 391-99, 2012. PMID: 21763727

27. Palumbo ML, Trincherro MF, Zorrilla-Zubilete MA, **Schinder AF** and Genaro AM. *Glatiramer acetate reverts stress-induced alterations on adult neurogenesis and behavior. Involvement of Th1/Th2 balance.* Brain Behavior and Immunity 26: 429-38, 2012. PMID: 22200600
26. Piatti VC, Davies Sala MG, Espósito MS, Mongiat LA, Trincherro MF and **Schinder AF**. *The Timing for Neuronal Maturation in the Adult Hippocampus is Modulated by Local Network Activity.* The Journal of Neuroscience 31: 7715-28, 2011. PMID: 21613484
25. Mongiat LA and **Schinder AF**. *Adult neurogenesis and the plasticity of the dentate gyrus network.* European Journal of Neuroscience 33:1055-61, 2011. PMID: 21395848
24. Mathews E, Morgenstern NA, Piatti VC; Jessberger S, Zhao C, **Schinder AF**, Gage FH. *Distinctive layering pattern of mouse dentate granule cells generated by developmental and adult neurogenesis.* The Journal of Comparative Neurology 518:4479-90, 2010. PMID: 20886617
23. Franco DL, Rezával C, Caceres A, **Schinder AF** and Ceriani MF. *ENA/VASP downregulation triggers cell death by impairing axonal maintenance in hippocampal neurons.* Molecular and Cellular Neuroscience 44: 154-64, 2010. PMID: 20230896
22. **Schinder AF** and Morgenstern NA. *Adult neurogenesis is altered by GABAergic imbalance in models of Alzheimer's Disease.* Cell Stem Cell 5: 573-4, 2009. (Preview) PMID: 19951683
21. Mongiat LA, Espósito MS, Lombardi G, **Schinder AF**. *Reliable activation of immature neurons in the adult hippocampus.* PLoS ONE 4(4): e5320, 2009. PMID: 19399173
20. Toni N, Laplagne DA, Zhao C, Lombardi G, Ribak CE, Gage FH, **Schinder AF**. *Neurons born in the adult dentate gyrus form functional synapses with target cells.* Nature Neuroscience 11: 901-7, 2008. PMID: 18622400
19. Morgenstern NA, Lombardi G, **Schinder AF**. *Newborn granule cells in the aging dentate gyrus.* Journal of Physiology (London) 586: 3751-7, 2008. PMID: 18565998
18. Laplagne DA, Kamienkowski JE, Espósito MS, Piatti VC, Zhao C, Gage FH, **Schinder AF**. *Similar GABAergic Inputs in Dentate Granule Cells Born During Embryonic and Adult Neurogenesis.* European Journal of Neuroscience 25: 2973-81, 2007. PMID: 17509085
17. Laplagne DA, Espósito MS, Piatti VC, Morgenstern NA, Zhao C, van Praag H, Gage FH, **Schinder AF**. *Functional Convergence of Neurons Generated in the Developing and Adult Hippocampus.* PLoS Biology 4(12): e409, 2006. PMID: 17121455. [Comment by L. Welberg in Nature Reviews in Neuroscience 8:8.](#)
16. Piatti VC, Espósito MS, **Schinder AF**. *The Timing of Neuronal Development in Adult Hippocampal Neurogenesis.* Neuroscientist 12: 463-8, 2006. (Review) PMID: 17079512
15. Espósito MS, Piatti VC, Laplagne DA, Morgenstern NA, Ferrari C, Pitossi FJ, **Schinder AF**. *Neuronal Differentiation in the Adult Hippocampus Recapitulates Embryonic Development.* The Journal of Neuroscience 25: 10074-86, 2005. PMID: 16267214. [Comment by G. Miller in Science 311: 938.](#)
14. Song H, Kempermann G, Overstreet-Wadiche L, Zhao C, **Schinder AF**, Bischofberger J. *New Neurons in the Adult Mammalian Brain: Synaptogenesis and Functional Integration.* The Journal of Neuroscience, 25: 10366-10368, 2005. (Review) PMID: 16280573
13. **Schinder AF**, Gage FH. *A hypothesis about the role of adult neurogenesis in hippocampal function.* Physiology 19:253-261, 2004. (Review) PMID: 15381753
12. van Praag H*, **Schinder AF***, Christie BR*, Palmer TD, Gage FH. *Functional neurogenesis in the adult hippocampus (*equal contribution)* Nature 415: 1030-34, 2002. PMID: 11875571
11. Ganguly K*, **Schinder AF***, Wong ST, Poo M-m. *GABA itself promotes the developmental switch of neuronal GABAergic responses from excitation to inhibition (*equal contribution).* Cell 105: 521-32, 2001. PMID: 11371348. [Comment by K. Staley in Nature Neuroscience 4:674](#)
10. **Schinder AF**, Poo M-m. *The neurotrophin hypothesis for synaptic plasticity.* Trends in Neurosciences 23: 639-45, 2000. (Review) PMID: 11137155
9. **Schinder AF**, Berninger B, Poo M-m. *Postsynaptic target specificity of neurotrophin-induced presynaptic*

potentiation. Neuron 25: 151-63, 2000. PMID: 10707980

8. Berninger B*, **Schinder AF***, Poo M-m. *Synaptic reliability correlates with reduced susceptibility to synaptic potentiation by brain-derived neurotrophic factor (*equal contribution)*. Learning & Memory 6: 232-42, 1999. PMID: 10492005
7. Olson EC, **Schinder AF**, Dantzker JL, Marcus EA, Spitzer NC, Harris WA. *Properties of ectopic neurons induced by Xenopus neurogenin1 misexpression*. Molecular and Cellular Neuroscience 12: 281-99, 1998. PMID: 9828092
6. **Schinder AF**, Olson E, Spitzer NC, Montal M. *Mitochondrial dysfunction is a primary event in glutamate neurotoxicity*. The Journal of Neuroscience 19: 6125-33, 1996. PMID: 8815895
5. **Schinder AF**, Montal M. *Two distinct modalities of NMDA-receptor inactivation induced by calcium influx in cultured rat hippocampal neurons*. FEBS Letters 332: 44-48, 1993. PMID: 8104825
4. Escobar ALM, **Schinder AF**, Biali FI, Nicola Siri LC, Uchitel OD. *Potassium channels from normal and denervated mouse skeletal muscle fibers*. Muscle & Nerve 16: 579-86, 1993. PMID: 8502254
3. Ahmed CMI, Ware DH, Lee S, Patten CD, Ferrer-Montiel AV, **Schinder AF**, McPherson JP, Evans GA, Montal M. *Primary structure, functional expression and chromosomal mapping of a voltage gated sodium channel from human brain*. Proceedings of the National Academy of Sciences (USA) 89: 8220-24, 1992. PMID: 1325650
2. Sun W, Ferrer-Montiel AV, **Schinder AF**, McPherson JP, Evans GA, Montal M. *Molecular cloning, chromosomal mapping and functional expression of human brain glutamate receptors*. Proceedings of the National Academy of Sciences (USA) 89: 1443-47, 1992. PMID: 1311100
1. Rubinstein M, **Schinder AF**, Gershanik O, Stefano FJE (1989). *Positive interaction between β -1 adrenergic and dopamine-2 receptors in locomotor activity of normo and supersensitive mice*. Life Sciences 44: 337-47, 1989. PMID: 2536881

OTRAS PUBLICACIONES

Schinder, A. F., Bonhoeffer, T., Sperling, R., Dudai, Y., Marin, O., Morris, R., et al. (2016). *Organizing Brain Science on an International Scale*. Neuron, 92(3), 567-69. doi:10.1016/j.neuron.2016.10.043. PMID: 27809995

CAPÍTULOS DE LIBRO

1. Bischofberger J and **Schinder AF**. Maturation and functional integration of new granule cells into the adult hippocampus. Capítulo 15, pág. 299-320. En: *Adult Neurogenesis*, editado por Gage FH, Kempermann G and Song H. Cold Spring Harbor Laboratory Press, 2008.

INVITACIONES A CONFERENCIAS Y SIMPOSIOS INTERNACIONALES (72 en total)

(**) Indica Conferencia Plenaria o Seminario Departamental Internacional

2018 Symposium in Dentate Gyrus Circuits and Plasticity, 11th FENS Forum, Berlin, Germany.

2018 Abcam Meeting in Adult Neurogenesis, CRTD Dresden, Germany.

2017** Conferencia Magistral, IV Congreso Soc. Mexicana de Células Troncales, Querétaro, Mexico

2017 Howard Hughes Medical Institute Investigator Meeting, Janelia Farm, Ashburn, Virginia, USA

2017** Keynote Speaker, Neuroscience Workshop Saclay – Neural Circuits and Behavior, Gif-sur-Yvette, France

2017 Spring Hippocampal Research Conference, Taormina, Sicilia, Italia

2017** CRTD External Seminar, Center for Regenerative Therapies, Technische Universität, Dresden, Alemania

2017 Simposio Inaugural, Programa del Doctorado en Neurociencias, Universidad Católica, Santiago de Chile

2016 Symposium “Frontiers in Biosciences 2”, Max Planck Institute – IBOBA, Buenos Aires

2016 2nd Gage Lab Symposium, The Salk Institute, La Jolla, California, USA

2016** E. de Robertis Plenary Lecture, 2nd Congress, Federation Latin American Neurosci. Soc (FALAN), Bs Aires

2016 Seminar at the Laboratory of Perception and Memory, Dept. of Neuroscience, Pasteur Institut, Paris

2016 Speaker and Session Chair, 3rd Eurogenesis Meeting in Bordeaux, France

2016** Special seminar, Cell Biology and Neurobiology Branch, NICHD, NIH campus, Bethesda, USA

2016** Bodian Seminar, The Zanvyl Krieger Mind/Brain Institute, Johns Hopkins University, Baltimore, USA

2016** Conferencia plenaria, Fusion Neurogenesis Conference, Implications for development and disease, Cancún

2015 Gordon Research Conference on Inhibition in the CNS, Bates College, Lewiston ME, USA

2015 Symposium on “Adult Neurogenesis: from circuit to function”, IBRO 9th World Congress, Rio de Janeiro

2015** Paul Broca Opening Conference, 12th Colloque of the French Society for Neuroscience, Montpellier

2015** Seminaire Prestige, Federacion de Recherche en Biologie de Toulouse, Univ. Paul Sabatier, France

2015** Keynote lecture, 17th International Neuroscience Winter Conference, Solden, Austria

2014 Keystone Symposia meeting on Adult Neurogenesis, Clarion Hotel Sign, Stockholm, Sweden

2014** Departmental Seminar, Institut für Biochemie, Universität Erlangen, Germany

2014 Minisymposium “The uniqueness of new granule cells in the hippocampus”, Universitätsklinikum Frankfurt

2014** Departmental Seminar, Johannes Gutenberg University Mainz & Program Translational Neuroscience, Mainz, Germany

2013 First Gage lab Symposium, Salk Institute, La Jolla, California, USA

2013 Meeting organizer and speaker: “Adult Neurogenesis in Physiology and Disease, Bordeaux, France

2013 Conference at the meeting “New Avenues for Brain Repair”, Harvard University, Cambridge, USA

2013 Conference, Howard Hughes Medical Institute Investigators Meeting, Chevy Chase, MD, USA

2012 Symposium: Nervous System Development and Plasticity, Inst. Clemente Estable, Montevideo, Uruguay

2012 Symposium “Advanced Molecular Biology: the EMBL in Argentina”, Buenos Aires, November 2012

2012** Colloquium “From Neural Dysfunction to Mental Illness”, Institut du Fer a Moulin, Paris

2012** Departmental Seminar, Neurobiology & Development CNRS, UPR3294, Gif-sur-Ivette, France

2012 Symposium, 5th Special Conference of the International Soc. for Neurochemistry “Synapses and dendritic spines in health and disease”, Buenos Aires

2012** Plenary lecture at the 10th International Congress on Cell Biology, Rio de Janeiro, Brasil

2012 II French-Argentine Symposium in Neuroscience, School of Medicine, Univ. of Buenos Aires

2011 Symposium “Neuronal generation and degeneration”, Instituto Clemente Estable, Montevideo, Uruguay

2011 Chairman and speaker, symposium “Integration of new neurons in the adult brain: lessons for brain repair”, on the 8th IBRO World Congress of Neuroscience, Florence, Italy

2011 Speaker and Organizer, Keystone Symposium, “Adult Neurogenesis”, Taos, New Mexico, USA

2010 Speaker and Organizer, Current Trends in Biomedicine Workshop, “Cell replacement for regeneration in the nervous system”, Baeza, Spain

2010 Neurobiology Seminar, Pasteur Institute, Paris

2010 Symposium on Adult Neurogenesis, Neurocenter Magendie, Bordeaux, Francia

2010** Seminario Departamental, Helmholtz Zentrum München, Center for Environmental Health, Munich

2010 Abcam meeting in Adult Neurogénesis: Structure and Function, Frauenchiemsee, Alemania

2009 International Symposium on Stem Cell Research, organizado por la ISSCR y MinCyT, Buenos Aires

2009 Biology in Balance, organizado por Cell Press, Foundation Ipsen and MGH; Los Cardales, Buenos Aires

2009 Seminario y Taller de Neurogénesis Adulta, Pontificia Univ. Católica, Santiago de Chile

2009 Simposio “Neural differentiation”, 40^o Aniv. Instituto de Cs Biomedicas, Univ. de Rio de Janeiro, Brasil

2009 ** Seminario departamental, Ludwig Institute for Cancer Research, San Pablo, Brasil

2009 Simposio “Embryonic Stem Cells as a model system for mammalian development”, San Pablo

2008 ** Seminario y coloquio departamental en el Centro de Estudios Científicos (CECS), Valdivia, Chile

2008 Simposio “GABA and adult neurogenesis”, FENS FORUM Geneva, Switzerland.

2008 Howard Hughes Medical Institute Meeting of International Research Scholars, Lisbon, Portugal.

2008 Simposio “GABA and Adult Neurogenesis”, Experimental Biology Meeting, San Diego, California.

2008 Adler Meeting “Stem cells: Endogenous and Exogenous Applications”, Salk Institute, La Jolla, California.

2007** Seminario Departamental, Lund Research Center for Stem Cell Biology, Lund University Hospital, Sweden.

2007 Neurobiology Seminar, Pasteur Institute, Paris

2007 HHMI Investigators Meeting “Unsolved Questions in Neurobiology”, Janelia Farm Campus, Virginia, USA

2007 Seminario de Neurobiología, Children’s Hospital, Harvard Medical School, USA

2006** Conferencia Inaugural, XX Reunión Anual de la Sociedad de Biología Celular de Chile, Pucón

2006 Symposium, XXI Meeting of the Brazilian Federation of Experimental Biology Societies (FESBE), Brasil

- 2006 Banbury Conference, "Neurogenesis in the Adult Brain", Cold Spring Harbor, NY
- 2005 Simposio: "New Neurons in the Adult Brain", Society for Neuroscience Annual Meeting, Washington
- 2005** Departmental seminar, Dept. Biological and Env. Sciences, University of Helsinki
- 2004** Departmental Seminar, Dept. of Cell. & Molec Physiology, Yale Univ. School of Medicine, New Haven
- 2004 Neurobiology Seminar, Dept. of Neurobiology and Behavior, SUNY Stony Brook, New York
- 2003** SILS Seminar, The Swammerdam Institute for Life Sciences, University of Amsterdam
- 2002** Seminario Departamental, Max-Planck-Institute fur Neurobiologie, Martinsried, Munich, Germany
- 2001 Satellite Symposium, International Society for Neurochemistry, Mar del Plata, Argentina
- 1996** Seminario Departamental, CNR Unit in Biomembranes, Biomedical Sciences, Univ. of Padova, Italia
- 1996** Seminario Departamental, INSERM U289, Hôpital de la Pitié Salpêtrière, Paris, Francia
- 1996 Symposium at the 9th European Bioenergetics Conference (EBEC), Louvain-le-Neuve, Belgium

INVITACIONES A CONFERENCIAS y SIMPOSIOS NACIONALES y REGIONALES (43 en total)

() Indica Conferencia Plenaria**

- 2017** Conferencia Plenaria de Cierre, Humboldt Kolleg Meeting, Córdoba, Septiembre 2017
- 2016 Seminario departamental, Depto de Física, FCEN-UBA, Octubre 2016
- 2015 Seminario departamental, IMBICE - CONICET, La Plata, julio 2015
- 2014** Conferencia Plenaria, 51º Congreso Arg. de Neurología, Mendoza, Octubre 2014
- 2014 Simposio Neurogenesis Adulta, XXIX Congreso de la Soc. Arg. de Invest. Neurociencias (SAN), Córdoba
- 2014 Seminario departamental, IBCN, FMed-UBA, Septiembre 2014
- 2014 Seminario departamental, INGEBI, Agosto 2014
- 2014 Seminario departamental, IFIBYNE, FCEN-UBA, Abril 2014
- 2013** Conferencia en el LVIII Congreso anual Soc. Argentina de Investigacion Clínica, Mar del Plata
- 2013 Seminario departamental, IIB-UNSAM, Buenos Aires
- 2013 Seminario departamental, IMBICE - CONICET, La Plata
- 2013 Ciclo de Visitas Destacadas IHEM, Mendoza
- 2012 4to encuentro de los Jóvenes Investigadores en Neurociencias de Córdoba (JIN)
- 2010 Primer Simposio Franco-Argentino de Neurociencias, Buenos Aires
- 2009 Simposio "Celulas madre: aplicaciones en terapias regenerativas", Acad. de Ciencias Médicas de Córdoba
- 2008 Workshop de la Sociedad Argentina de Investigación en Neurociencias (SAN), Bahía Blanca
- 2008 Simposio "Stem cells en regeneración tisular", LIII Reunión de la Soc. Arg. de Investigación Clínica (SAIC)
- 2008 Coloquio Departamental, Depto. de Física, FCEN-UBA
- 2008 IBYME, Bs. As.
- 2008 Simposio "Tópicos en Neurociencias", Depto. de Física, FCEN-UBA
- 2007** Conferencia Plenaria, Reunión Anual de la Sociedad Argentina de Biología, Córdoba
- 2007 Workshop sobre Polaridad Neuronal, Instituto Mercedes y Martín Ferreyra, Córdoba
- 2006 First Latin American Conference in Regenerative Medicine, Fleni, Buenos Aires
- 2006 Instituto de Investigación Médica M. M. Ferreyra, Córdoba
- 2006 Simposio internacional sobre terapias regenerativas en neurología, Buenos Aires
- 2006 IV Congreso Latinoamericano de Neuropsiquiatría, Buenos Aires
- 2006 Laboratorio de Fisiología y Biología Molecular, FCEN-UBA
- 2005 Symposium on Neurosciences, Workshop in Biosciences and Biotechnology, SECYT-Max Planck, Bs. Aires
- 2005 ININFA
- 2005 Laboratorio de Neurobiología de la Memoria, Depto. de Fisiología, Biología Celular y Molecular, FCEN-UBA
- 2004 III Jornadas de Neurofisiología experimental en Epilepsia, Hospital Italiano, Bs. As., Diciembre 2004.
- 2004 INGEBI, Buenos Aires
- 2003 Seminarios en Neurología del Comportamiento, Fleni, Bs. As.
- 2003 II Jornadas de Neurofisiología experimental en Epilepsia, Hospital Italiano, Bs. As.
- 2003 Charlas para Residentes de Psiquiatría Infantil, Hospital de Niños Gutierrez, Bs. As.
- 2003 Depto. de Química Biológica, Fac. de Farmacia y Bioquímica, UBA

2003 IIB-UNSAM, Buenos Aires
2003 Inst. de Biología y Medicina Experimental (IBYME), Bs. As.
2003 I Congreso Latinoamericano de Neuropsiquiatría, Buenos Aires
2002 IV Congreso Internacional de Neuropsiquiatría, Buenos Aires
2002 XVII Congreso de la Sociedad Argentina de Neuroquímica, Los Cocos, Córdoba
2002 Instituto de Investigación Médica M. M. Ferreyra, Córdoba
2002 Laboratorio de Fisiología y Biología Molecular, FCEN-UBA
2002 VI Taller Argentino de Neurociencias, Vaquerías, Córdoba

FINANCIAMIENTO ACTIVO

1. NIH/NINDS 1R01NS103758 - 01A1 (IR: P. Arlotta – Harvard; A. Schinder – Leloir)

Fuente: National Institutes of Health, National Institute of Neurological Disorders and Stroke
Período de financiamiento: 8/2018 – 4/2023
Monto total lab Schinder: USD 1,000,000

2. PICT 2016 #0675 (Rol: Investigador Responsable - IR)

Fuente: Agencia Nacional de Promoción Científica y Tecnológica, Argentina
Período de financiamiento: 8/2017 – 8/2020
Monto total: ARG \$ 810,000

3. PICT 2015 tipo V #3814 (Rol: Investigador Responsable - IR)

Fuente: Agencia Nacional de Promoción Científica y Tecnológica, Argentina
Período de financiamiento: 10/2016 – 9/2020
Monto total: ARG \$ 3,600,000 (en colaboración con M.F. Ledda)

*4. PME 2015-0048 (Rol: Investigador Responsable – IR) SUBSIDIO INSTITUCIONAL, OTORGADO

Fuente: Agencia Nacional de Promoción Científica y Tecnológica, Argentina
Monto total: ARG \$ 15,049,900
Subsidio institucional para la compra de un microscopio confocal y FACS para la Fund. Instituto Leloir

FINANCIAMIENTO FINALIZADO (como Investigador Principal)

2007-2018 Howard Hughes Medical Institute, USA (USD 987,500)
2014-2017 PICT2013 tipo A # 1685, ANPCyT, Argentina (ARG \$ 420,000)
2011-2015 FIRCA-NIH R03TW008607-01 (USD 150,000)
2011-2015 PICT2010 tipo V #1792 ANPCyT, Argentina (ARG \$ 1,200,000)
2007-2012 Howard Hughes Medical Institute, International Research Scholar (USD 487,500)
2009-2012 PICT 2008 #0812 ANPCyT, Argentina (ARG \$ 250,000 + beca)
2007-2010 Alzheimer's Disease Research Grant # A2007-078 (Rol: PI), American Health Assistance Foundation, USA (USD 150,000)
2006-2009 PICT2005 #38356 ANPCyT, Argentina (ARG \$ 280,000)
2004-2007 PICT2003 #05-14286 ANPCyT, Argentina (ARG \$ 210,000)
2003-2006 FIRCA R03TW006130-01 NIH (USD 96,000)
2003-2006 Inicio de Carrera #14116-122 Fundación Antorchas, Argentina (USD 47,000)
*2003 PME 162 ANPCyT, Argentina (USD 66,000): **SUBSIDIO INSTITUCIONAL**; equipamiento para Imaging Facility de FIL.
2002-2005 PICT2000 #1 – 9153 ANPCyT, Argentina (ARG \$ 150,000)
2002-2003 Subsidio para Investigadores Menores de 40 años (IM40, Proyecto No 433), Agencia Nacional de Promoción Científica y Tecnológica, Argentina. (ARG \$ 20,000)
2002-03 Research grant (RGA) # 01-348 Academy of Sciences for the Developing World (TWAS), Trieste, Italy (total: USD 10,000)
2002-03 Subsidio para proyectos #14022/83 Fundación Antorchas, Argentina (USD 5,000)

2001-03 “Carrillo Oñativia” reentry grant Ministerio de Salud (ARG \$ 30,000)
2001-03 Reentry grant #13927-28 Fundación Antorchas, Argentina (USD 5,000)

FORMACIÓN DE RECURSOS HUMANOS

Tesis Dirigidas Finalizadas (10 doctorales, 1 maestría, 2 licenciaturas)

2017 Diego D. Alvarez, Tesis Doctoral (Director) FCEN-UBA
2016 Silvio G. Temprana, Tesis Doctoral (Director) FCEN-UBA
2015 Mariela F. Trincherro, Tesis Doctoral (Director) FCEN-UBA
2015 M. Belén Pardi, Tesis Doctoral (Codirector) FCEN-UBA
2015 Jessica Sulkes, Seminario de Licenciatura (Director) en biología, FCEN-UBA.
2012 M. Georgina Davies Sala, Tesis Doctoral (Director) UN Quilmes
2011 Nils Blumenthal, Tesis de Maestría (Codirector) (International Master Program in Biomedical Sciences of the Univ. of Buenos Aires and the Univ. of Freiburg)
2011 Nicolás A. Morgenstern, Tesis Doctoral (Director) FCEN-UBA
2011 Tamara Rubilar, Tesis Doctoral (Codirector) Univ. Nacional del Comahue
2009 Verónica C. Piatti, Tesis Doctoral (Director) FCEN-UBA
2008 Diego A. Laplagne, Tesis Doctoral (Director) FCEN-UBA
2008 M. Soledad Espósito, Tesis Doctoral (Director) FCEN-UBA
2006 Juan Kamienkowski, Seminario de Licenciatura (Director) en física, FCEN-UBA.

Dirección de investigadores

2015– presente: Dra. Verónica Piatti, investigadora adjunta CONICET
2012– presente: Dra. Damiana Giacomini, investigadora adjunta CONICET
2012 – presente: Dr. Emilio Kropff, investigador adjunto CONICET
2009 – 2013: Dr. Lucas Mongiat, investigador CONICET (actualmente dirige un laboratorio en CNEA-CONICET, Bariloche)
2008 – 2013: Dra. Antonia Marin Burgin, investigadora CONICET (actualmente dirige un laboratorio en el IBIOPA-Max Planck, Buenos Aires)

Dirección de postdoctorandos

2015 – : Dra. Mariela F. Trincherro
2012 – 16: Dr. Sung Min Yang, becario CONICET
2009 – 12: Dra. Damiana Giacomini, becaria CONICET
2005 – 10: Dra. Gabriela Lombardi, becaria CONICET
2006 – 09: Dr. Lucas Mongiat, becario CONICET

Dirección de tesis de doctorado (en progreso)

4/2017 – : Lic. Paula Gonzalez Giqueaux (FCEN-UBA), becaria CONICET
4/2015 – : Lic. Ayelén Groisman (FCEN-UBA), becaria CONICET

Estudiantes y pasantes del laboratorio

2016 Andrea Aguilar, Universidad Nacional Autónoma de México
2012 Tuomo Mäki-Marttunen, Tampere University of Technology, Finlandia
2011 Harold Phillips, Yale University, USA
2009 Katherine Chen, Yale University, USA
2008 Jeanette Polcz, Univ. of Florida, USA
2005 Tobias Schwartz, Ludwig-Maximilians-University, Munich, Alemania

ORGANIZACIÓN DE SIMPOSIOS, CONGRESOS Y CURSOS

2016 3rd Eurogenesis Meeting, member of the scientific committee, 11-13 July 2016, Bordeaux, France.
2015 Satellite course, Federation of Latin American Neuroscience Societies (FALAN), Cortical circuits: Anatomical, physiological and computational approaches to understand function and plasticity, July 7th,

- IBRO 2015 meeting Rio de Janeiro.
- 2013 2nd Eurogenesis Meeting, member of the scientific committee, June 24-26, 2013, Bordeaux, France.
- 2012 Ricardo Mileli Neuroscience Training Program, curso internacional intensivo teórico/práctico sobre neurociencias del 5 al 30 de marzo de 2012 en Buenos Aires, organizado como parte del programa de la Society for Neuroscience (www.sfn.org/miledi). Directores del curso: A. Schinder y O. Uchitel.
- 2011 Keystone Symposium, "Adult Neurogenesis", Taos, New Mexico. Organizadores: A. Schinder, J Hsieh (UT Southwestern), F Gage (Salk Institute), P-M Lledo (Pasteur, Paris), Enero 2011.
- 2010 Current Trends in Biomedicine Workshop, "Cell replacement for regeneration in the nervous system: lessons from adult neurogenesis", Baeza, Spain. Organizadores: A. Schinder, B. Berninger (Munich) and J.M. García Verdugo (Univ. of Andalucía), Octubre 2010.
- 2008 Workshop Internacional de la Sociedad Argentina de Investigación en Neurociencias (SAN) "Neuronal Communication: From structure to Physiology", Bahía Blanca, Buenos Aires, Argentina. Organizadores: A. Schinder, D. Calvo (INGEBI) y C. Bouzat (INIBIBB).
- 2007-8 Curso sobre células madre, Program for the Advancement of Biomedical Sciences Education in Latin America (**PABSELA**), co-organizado con Harvard Medical International.
- 2004 Taller de Neurociencias, Vaquerías, Córdoba, Argentina. Organizadores: A. Schinder, A. Romano (IFIBYNE).

OTRAS ACTIVIDADES ACADÉMICAS

- **Revisión de manuscritos para las siguientes revistas**

Cell, Science, Neuron, Nature Neuroscience, Nature Reviews Neuroscience, PLoS Biology, Proc. of the National Academy of Sciences (PNAS), The Journal of Neuroscience, European Journal of Neuroscience, BMC Biology, BMC Neuroscience, Developmental Neurobiology (Editorial Board), Experimental Gerontology, Experimental Neurology, Frontiers in Neural Circuits (Reviewing Editor), Frontiers in Neurogenesis (Reviewing Editor), Hippocampus, Journal of Comparative Neurology, Journal of Neurochemistry, Journal of Physiology (London), Physiology and Behavior, Stem Cells and Differentiation, Trends in Neuroscience.

Evaluación de subsidios

FONCyT, CONICET, UBACyT, European Research Council (ERC), Institutos Milenio (Chile), National Science Foundation (USA)

- **Evaluador HHMI International Student Research Fellowships (2014 – 2016)**
- **Miembro de la Comisión Asesora de Becas de Ciencias Médicas, CONICET (2011 – 2012)**
- **Miembro invitado, International Advisory Committee board, Society for Neuroscience, Washington DC, Marzo 2010 y Febrero 2013.**
- **Jurado de 23 tesis:** G. Zalzman, Dra. en Cs. Biol FCEN-UBA 2016; C. Tubert, Dra. en Cs. Biol FCEN-UBA 2016; D. Irala, Dra. en Bioquímica FFyB-UBA 2016; P. Fontanet, Dra. en Cs. Biol FCEN-UBA 2015; V. Oberholzer, Dra. en Cs. Biol FCEN-UBA 2012; J. Zorrilla, Dr. en Cs. Biol FCEN-UBA 2012; C. Reali, Dra. en Biol IIBCE-Montevideo 2011; S. Daicz, Dr. en Cs. Biol FCEN-UBA 2011; C. Calero, Dra. en Cs. Biol FCEN-UBA 2011; C. Arias, Dra. en Biol Univ. Nac. Córdoba 2011; C. Zold, Dra. en Cs. Biol FCEN-UBA 2009; J. Taranda, Dr. en Cs. Biol FCEN-UBA 2009; M. Rodriguez, Dr. en Cs. Biol FCEN-UBA 2008; L. Sosa, Dr. en Biol Univ. Nac. Córdoba 2007. R. Freudenthal, Dr. en Cs. Biol FCEN-UBA 2006 J. Sztarker, Dra. en Cs. Biol FCEN-UBA 2006; L. Rela, Dra. en Cs. Biol FCEN-UBA 2005; J. Ballester, Lic. en Cs. Biol FCEN-UBA 2005; L.R. Frick, Lic. en Biotecnología UNSAM 2004; F.J. Martini, Lic. en Cs. Biol FCEN-UBA 2004; M.A. Belluscio, Lic. en Cs. Biol F. Medicina-UBA 2003; M.J. Rodríguez, Lic. en Cs. Biol FCEN-UBA, 2002; N.C. Di Paolo, Dr. en Cs. Biol FCEN-UBA 2002.

DOCENCIA

- 2003 - presente Profesor Invitado en el curso "Fisiología del Sistema Nervioso", Depto. de Fisiología y Biología Celular y Molecular, FCEN, UBA.
- 2013 Profesor Invitado en el curso "Bases Moleculares y Celulares del Desarrollo del Sistema Nervioso", Instituto de Biología Celular y Neurociencias (IBCN-UBA-CONICET), Buenos Aires
- 2011 Profesor invitado en el curso regional "Abordajes morfológicos para el estudio de las propiedades estructurales y bioquímicas neuronales", IIBCE-Montevideo, Uruguay.
- 2011 Profesor invitado en el curso internacional "ES cells as a model for mammalian development", Cuernavaca, Mexico.
- 2007/ 09 Profesor invitado en la "XII Escuela Latinoamericana de Neurociencia IBRO", Montevideo, Uruguay.
- 2009 Profesor invitado en el curso internacional "ES cells as a model for mammalian development", San Pablo, Brasil.
- 2007 Profesor invitado en el curso internacional "ES cells as a model for mammalian development", Santiago, Chile.
- 2005 Profesor invitado en la "Escuela Avanzada de Neurociencias IBRO/INMHA", Buenos Aires, Argentina.
- 2004-05 Profesor invitado en la "Escuela Latinoamericana de Neurociencias IBRO", Santiago, Chile.
- 2003-08 Profesor Invitado en el curso "Organización Celular", Depto. de Química Biológica, Fundación Instituto Leloir, FCEN, UBA.
- 2003 Profesor invitado en el curso "Neurociencias Avanzadas 2003", Programa de Fisiología y Biofísica (PDFB), ICBM, y CENI, Iniciativa Científica Milenio, Santiago, Chile.
- 2003 Plasticidad Cerebral. Disertante invitado al curso "Actualización en Psiquiatría", Asociación Médica Argentina, Buenos Aires.
- 1998-9 Profesor Invitado en el curso "Mammalian Physiology", Dept. of Biology, UCSD.