BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Piriz, Joaquin	Researcher, National Scientific and Technical Research Council, Argentina (CONICET)
eRA COMMONS USER NAME (credential, e.g., agency login) jpiriz	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY
University of Buenos Aires, Argentina	Degree in Biology (M.Sc).	02/02	Biology
Autonomous University of Madrid, Spain	Ph.D.	07/07	Neuroscience
University of California San Diego, U.S.	Postdoctoral Fellow	11/09	Neuroscience
CONICET, Argentina	Postdoctoral Fellow	03/11	Neuroscience
Master in Policy and Management of Science and Technology	Ms	In progress	Management

A. Personal Statement

My goal is to unravel brain circuits involved in emotional value assignment. I consider getting that information critical to understand etiology of depressive disorders and to develop new treatments to cure that disease.

B. Positions and Honors

Positions and Employment

2002-2007 Doctoral Fellow of the Spanish Ministry of Education, Cajal Institute, Madrid, Spain
2007 Postdoctoral contract, Spanish Consortium for Neurodegenerative Diseases (CIBER), Cajal Institute, Madrid, Spain
2008-2010 Postdoctoral Fellow, University of California San Diego, San Diego, California, US
2010- Postodoctoral Fellow of the Return Home Program of the CONICET, Buenos Aires, Argentina
2011-2014 Researcher CONICET (Assistant), Buenos Aires, Argentina
2014- Researcher CONICET (Adjunct), Buenos Aires, Argentina

Other Experience and Professional Memberships

Honors

2010-	Member of the Argentinean Society for Neurosciences
1998	Fellowship for economical support of distinguised students. Granted by the Mosoteguy fundation (May 1998-April 2001)
2001	Fellowship for research stimulation of the University of Buenos Aires (Abril 2001-Mayo 2002). Buenos Aires,
2002	Predoctoral fellowship of the "Instituto de Sanidad Carlos III" (April 2002-December 2003). Madrid, Spain
2003	Predoctoral fellowship "FPU" granted by the the Spanish Ministry of Education (January 2003 – May 2007). Madrid, Spain.

C. Selected Peer-reviewed Publications

1. S. Shabel, C. Proulx, **J. Piriz**, R. Malinow. (2014). GABA/glutamate co-release controls habenula output and is modified by antidepressant treatment. **Science** 345(6203):1494-8.
2. M. Tomaiuolo, M.C. Gonzalez, J.H. Medina, **J. Piriz**. Lateral Habenula determines long-term storage of aversive memories (2014). ***Frontiers in Behavioral Neuroscience***, *8*(May), 170
3. B. Li *, **J. Piriz ***, M. Mirrione *, C. Chung * (***** equal contributors), C. Proulx, D. Schulz, F. Henn, R. Malinow (2011). "Synaptic potentiation onto habenula neurons in learned helplessness model of depression". ***Nature***; 470(7335):535-9.
4. **J. Piriz**, A. Muller, J.L. Trejo, I. Torres-Aleman (2010). "IGF-I and the aging mammalian brain". ***Exp. Gerontol.***; 46(2-3):96-9.
5. T. Nishijima *, **J. Piriz ***, S. Duflot * (***** equal contributors), A.M. Fernandez, G. Gaitan, U. Gomez-Pinedo, J.M. Verdugo, F. Leroy, H. Soya, A. Nuñez, I. Torres-Aleman (2010)."Neuronal activity drives localized blood-brain-barrier transport of serum insulin-like growth factor-I into the CNS". ***Neuron***; 67(5):834-46.
6. **J. Piriz**, I. Torres-Aleman, A. Nuñez (2009). "Alterations in the central and peripheral somatosensory pathways in rat diabetic neuropathy". ***Neuroscience*** , 160(2):402-11.
7. M. Endres, **J. Piriz**, K. Gertz, G. Kronenberg, C. Harms, I. Torres-Aleman. (2007). "Serum Insulin-Like Growth Factor I and stroke". ***Brain. Res.***; 1185:328-35.
8. J.L. Trejo ***, J. Piriz*** (***** equal contributors), M.V. Llorens-Martin, A.M. Fernandez, M. Bolós, D. LeRoith, A. Nuñez, I. Torres-Aleman (2007). "Central actions of liver-derived insulin-like growth factor I underlying its pro-cognitive effects". ***Mol. Psychiatry****;* 12(12):1118-28.
9. D. Davila, **J. Piriz**, J.L. Trejo, A. Nuñez, I. Torres-Aleman (2007). Insulin and Insulin-like growth factor I signalling in neurons. ***Front. Biosci****.;* 12:3194-202.

10. S. Nudler, **J. Piriz**, F.J. Urbano, M.D. Rosato-Siri, E.S. Renteira, O.D. Uchitel. “Ca2+ channels and synaptic transmission at the adult, neonatal, and P/Q-type deficient neuromuscular junction”. Ann N Y Acad Sci. 2003 Sep; 998:11-7.
11. **J. Piriz**, M.D. Rosato-Siri, R. Pagani, O.D. Uchitel (2003). Nifedipine-mediated mobilization of intracellular calcium stores increases spontaneous neurotransmitter release at neonatal rat motor nerve terminals. ***J. Pharmacol. Exp. Ther*.**; 306(2):658-63.
12. M.D. Rosato-Siri, **J. Piriz**, B.A. Giugovaz-Tropper, O.D. Uchitel (2002). “Differential Ca2+-dependence of transmitter release mediated by P/Q- and N-type calcium channels at neonatal rat neuromuscular junctions”. ***Eur. J. Neurosci*.** (12):1874-80.