

Curriculum Vitae

Dr. Diego Matias Gelman

Formación Académica:

- 1991-1996 Licenciado en Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.
- 1997-2003 Doctor de la Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.

Trayectoria laboral:

- 1998-2003 Tesis Doctoral: Instituto de Investigaciones en Ingeniería Genética y Biología Molecular (INGEBI). Director: Dr. Marcelo Rubinstein.
- 2001-2002 Estancia Doctoral: Vollum Institute, Portland, Oregon, USA. Director: Malcolm Low.
- 2003-2005 Post-Doctorado: Centro de Estudios Científicos y Sociales (CECS), Valdivia, Chile e Instituto de Investigaciones en Ingeniería Genética y Biología Molecular (INGEBI). Director: Dr. Marcelo Rubinstein
- 2005- Estancia Post-Doctoral: Wolfson Institute for Biomedical Research (WIBR), Londres, Reino Unido. Laboratoriotrio Dr. William Richardson.
- 2005-2011 Post-Doctorado: Instituto de Neurociencias (INA), Alicante, España. Director: Oscar Marin Parra
- 2011- Laboratorio de Desarrollo del Sistema Nervioso. Instituto de Biología y Medicina Experimental. Jefe de Grupo.

Becas:

- Consejo Nacional de Investigaciones Científicas y Técnicas.
- European Molecular Biology Organization (EMBO), Short Term Fellowship
- European Commission, International Incoming Marie Curie Fellowship

Publicaciones:

Diego Gelman, Amélie Griveau, Nathalie Dehorter, Anne Teissier, Carolina Varela, Ramón Pla, Alessandra Pierani y Oscar Marín "A wide diversity of cortical GABAergic interneurons derives from the embryonic preoptic area" J Neurosci. 2011 Nov

Franchini LF, López-Leal R, Nasif S, Beati P, **Gelman DM**, Low MJ, de Souza FJ, Rubinstein M. "Convergent evolution of two mammalian neuronal enhancers by sequential exaptation of unrelated retroposons" *Proc Natl Acad Sci U S A*. 2011 Aug 29.

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Diego M Gelman y Oscar Marín. "Generation of interneuron diversity in the mouse cerebral cortex" *Eur J Neurosci*. 2010 Jun;31(12):2136-41

Sandrina Nóbrega-Pereira*, **Diego M Gelman***, Ramón Pla, Oscar Marín. "Assembly of basal ganglia nuclei involves multiple distant progenitor pools" *J Neurosci*. 2010 Feb 24;30(8):2824-34.

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Da Ros VG, Maldera JA, Willis WD, Cohen DJ, Goulding EH, **Gelman DM**, Rubinstein M, Eddy EM, Cuasnicu PS. "Impaired sperm fertilizing ability in mice lacking Cysteine-Rich Secretory Protein 1 (CRISP1)." *Dev Biol*. 2008 Aug 1;320(1):12-8.

Matthew Fogarty, Matthew Grist, **Diego Gelman**, Oscar Marin, William D. Richardson, Vassilis Pachnis, Nicoletta Kessaris. "Spatial genetic patterning of the embryonic neuroepithelium generates GABAergic interneuron diversity in the adult cortex." *J Neurosci*. 2007 Oct 10;27(41):10935-46

Flames N, Pla R, **Gelman DM**, Rubenstein JL, Puelles L, Marín O. "Delineation of multiple subpallial progenitor domains by the combinatorial expression of transcriptional codes." *J Neurosci*. 2007 Sep 5;27(36):9682-95.

M. Elena Avale, Tomás L. Falzone, **Diego M. Gelman**, Malcolm J. Low, David K. Grandy y Marcelo Rubinstein. "Active role of the dopamine D4 receptor in a mouse model of hyperactivity, paradoxical response to psychostimulants and poor behavioural inhibition". *Molecular Psychiatry*. 2004, July 9(7):718-26.

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Mediated Gene Mutations into Catecholaminergic Neurons” *Genesis*. 2003 Aug;36(4):196-202.

Tomas Falzone, **Diego Gelman**, Juan Young, David Grandy, Malcolm Low y Marcelo Rubinstein. “Absence of dopamine D4 receptor results in enhanced reactivity to unconditioned, but not conditioned, fear.” *European Journal Of Neuroscience*, Vol 15, pp 158-164, 2002.

G. Diaz Torga, C Feirestein, C. Libertun, **D. Gelman**, M. Kelly, M. Low, M. Rubinstein y D. Becu-Villalobos. “Disruption of the D2 Dopamine Receptor Alters GH and IGF-I Secretion and Causes Dwarfism in Male Mice.” *Endocrinology*, 143 (4):1270-1279. 2002.

Tomas Falzone, Elena Avale, **Diego Gelman** y Marcelo Rubinstein. “Normal Spatial Learning and Improved Spatial Working Memory in Mice (*Mus Musculus*) Lacking Dopamine D4 Receptors.” *International Journal of Comparative Psychology*, 2001, 14, 151-160.

Capítulos de Libros:

Diego M. Gelman, John L.R. Rubenstein y Oscar Marín. “The Generation of Cortical Interneurons”. En “Jasper's Basic Mechanisms of the Epilepsies”. Fourth Edition. Oxford University Press. En prensa.