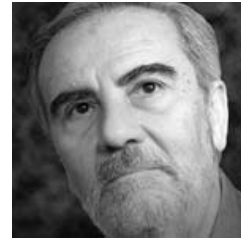


Brief CV of Constantino Sotelo



Licenciatura:

Medical studies, Universidad Complutense de Madrid, Spain 1960

MD program:

Doctorate under the direction of Prof. Fernando de Castro at the Cajal Institute. Medical School, Universidad Complutense (Madrid) 1963.

Postdoctoral Positions:

1963: Histochemical Institute, Faculty of Medicine, University of Paris

1965-1967: Research Fellow, Department of Anatomy, Harvard Medical School (advisor: Prof. Sanford L. Palay)

Previous positions:

From 1964 to 2003 he was research member of the French CNRS, and since 1979, director of the INSERM Unit 106 (Hôpital de la Salpêtrière, Paris). Sotelo is a member of the Academia Europaea, and a foreign correspondent member of the "Real Academia de Ciencias" in Spain.

1964: "Attaché de Recherche" CNRS (National Center of Scientific Research). Faculty of Sciences, University of Paris (Prof. J. Taxi)

1967: "Chargé de Recherche" CNRS (idem)

1973: "Maître de Recherche" CNRS. INSERM Unit 106 (Director, Dr J.E. Gruner)

1979: Director of the INSERM Unit 106

1981: "Directeur de Recherche" CNRS

1991: "Directeur de Recherche Classe Exceptionnelle" CNRS (DRE)

1994-1998: Director of the "Federative Institute of Neuroscience Pitié-Salpêtrière" (Charcot Institute).

Current Position:

Director of the "Catedra de Neurobiología del Desarrollo Profesora Remedios Caro Almela, Instituto de Neurociencias, UMH-CSIC, San Juan de Alicante (Spain), and Emeritus Investigator at the Institut de la Vision (UMR-968 INSERM) Paris (France).

Research Fields:

- Developmental Neurobiology: genetic and epigenetic factors governing the formation of the cerebellar circuitry. Attractive and repulsive molecules involved in neuronal migration and axonal guidance.
- Neuronal plasticity: neuron-to-neuron interactions in neural grafting.
- Axonal regeneration.

Representative Publications:

C. SOTELO and I. DUSART (2009) Intrinsic versus extrinsic determinants during the development of Purkinje cell dendrites. **Neuroscience**. [Epub ahead of print].

C. SOTELO (2008) Viewing the cerebellum through the eyes of Ramón Y Cajal. **Cerebellum**. 7 : 517-522, 2008.

T. DiMEGLIO, K. T. NGUYEN-BA-CHARVET, M. TESSIER-LAVIGNE, C. SOTELO and A. CHEDOTAL (2008) Molecular mechanisms controlling midline crossing by precerebellar neurons. **Journal of Neuroscience** 28 : 6285-6294.

L. KORHONEN, I. HANSSON, C. MAUGRAS, R. WEHRLE, M. KAIRISALO, A. BORGKVIST, E. JOKITALO, C. SOTELO, I. DUSART and D. LINDHOLM (2008) Expression of X-chromosome linked inhibitor of apoptosis protein in mature Purkinje cells and in retinal bipolar cells in transgenic mice induces neurodegeneration. **Neuroscience** 156 : 515-526.

C. SOTELO (2008) Development of "pinceaux" formations and dendritic translocation of climbing fibers during the acquisition of the balance between glutamatergic and gamma-aminobutyric acidergic inputs in developing Purkinje cells. **Journal of Comparative Neurology** 506 : 240-262.

R.H. FRIEDEL, G. KERJAN, H. RAYBURN, U. SCHULLER, C. SOTELO, M. TESSIER-LAVIGNE, and A. CHEDOTAL (2007) Plexin-B2 controls the development of cerebellar granule cells. **Journal of Neuroscience** 27: 3921-3932.

I. DUSART, JL. GUENET and C. SOTELO (2006) Purkinje cell death: Differences between developmental cell death and neurodegenerative death in mutant mice. **Cerebellum** 5 : 163-173.

R. WEHRLE, E. CAMAND, A. CHEDOTAL, C. SOTELO and I. DUSART (2005) Expression of netrin-1, slit-1 and slit-3 but not of slit-2 after cerebellar and spinal cord lesions. **European Journal of Neurosciences** 22 : 2134-2144.

L. BOUSLAMA-OUEGHLANI, R. WEHRLE, C. SOTELO and I. DUSART (2005) Heterogeneity of NG2-expressing cells in the newborn mouse cerebellum. **Developmental Biology** 285 : 409-421.

E. CUEVAS, E. AUSO, M. TELEFONT, G. M. DE ESCOBAR, C. SOTELO, and P. BERBEL (2005) Transient maternal hypothyroxinemia at onset of corticogenesis alters tangential migration of medial ganglionic eminence-derived neurons. **European Journal of Neuroscience** 22 : 541-551.

V. MARILLAT, C. SABATIER, V. FAILLI, E. MATSUNAGA, C. SOTELO, A. TESSIER-LAVIGNE and A. CHEDOTAL (2004) The slit receptor Rig-1/Robo3 controls midline crossing by hindbrain precerebellar neurons and axons. **Neuron**. 43 :69-79.

E. CAMAND, M.P. MOREL, A. FAISSNER, C. SOTELO and I. DUSART (2004)
Long-term changes in the molecular composition of the glial scar and progressive increase of serotonergic fibre sprouting after hemisection of the mouse spinal cord. **European Journal of Neuroscience** 20 :1161-1176.

E. CAMAND, M.P. MOREL, A. FAISSNER, C. SOTELO and I. DUSART (2004)
Long-term changes in the molecular composition of the glial scar and progressive increase of serotonergic fibre sprouting after hemisection of the mouse spinal cord. **European Journal of Neuroscience** 20 :1161-1176.

K.T. NGUYEN-BA-CHARVET, N. PICARD-RIERA, M. TESSIER-LAVIGNE, A. BARON-VAN EVERCOOREN, C. SOTELO AND A. CHEDOTAL (2004) Multiple roles for slits in the control of cell migration in the rostral migratory stream. **Journal of Neuroscience** 24:1497-1506.

C. SOTELO (2004) Cellular and genetic regulation of the development of the cerebellar system. **Progress in Neurobiology** 72 :295-339.