

*Short curriculum vitae*  
**MARIA CECILIA ANGULO**

**Positions**

From 2010: Research Director, CNRS; Team leader of the group: “Physiology of NG2 cells” in the Laboratory of Neurophysiology and New Microscopies, INSERM U1128.  
2002-2010: Senior scientist at CNRS, Laboratory of Neurophysiology and New Microscopies, INSERM U603, CNRS UMR8154, Univ. Paris Descartes, Paris, France

**Education and training**

2010: Habilitation to Supervise Research (HDR); Univ. Paris Descartes.  
2000-2001: Postdoctoral training; Dept. of Experimental Biomedical Science; Padova, Italy  
1996-1999: PhD Thesis; Univ. Pierre et Marie Curie and Lab. of Neurobiology, ESPCI, CNRS UMR7637  
1995-1996: DEA; Univ. Pierre et Marie Curie, Lab. of Neurobiology, ESPCI, CNRS UMR 7637

**Fellowships and awards**

**2016:** The team was selected by an international scientific advisory board to join the new Center of Psychiatry and Neuroscience (CPN) in Paris  
2015-2018: “Equipe FRM 2015” award from the French Research Medical Foundation  
2014-2017: Award from CNRS (Prime d'encadrement doctoral et de recherche)  
2011: Best PhD thesis award, French Society for Neuroscience (Vélez-Fort, PhD Student/Angulo, mentor)  
2007-2010: Young investigator grant from ANR  
2005-2007: Young investigator Award from NARSAD, USA  
2000-2001: Human Frontiers Science Program (HFSP) postdoctoral fellowship  
2000: Best PhD thesis award, French Society for Neuroscience  
1995-1999: PhD fellowship from Colciencias (Colombia) and from FRM (France)  
1995: Award for the best student of the Faculty of Science, National University of Colombia.

**Mentoring activities**

I have mentored 4 postdoctoral fellows and 4 PhD students. Two past trainees currently hold an academic position (one PI). In addition, I have supervised 11 master students and 2 technician students.

**Recent Selected Invited Conferences:**

2017: Multiple sclerosis meeting from the Swiss and French MS Societies (ARSEP), Paris, France.  
2017: Symposium on Femmes en Sciences et Ingénierie, Bogota, Colombia (franco-colombian year).  
2016: Neuroscience 2016. Minisymposium. San Diego, USA.  
2015: Federation of European Physiological Society 2015, Symposium. Kaunas, Lithuania.  
2015: 12th European meeting of glial cells in health and disease. Symposium., Bilbao, Spain.

**Five recent publications**

Ledonne F, Orduz D, Mercier J, Vigier L, Grove EA, Tissir F, **Angulo MC**, Pierani A\* and Coppola E\* (2016) Targeted inactivation of Bax reveals subtype-specific mechanism of Cajal-Retzius neuron death in the postnatal cerebral cortex. *Cell Reports* 17,3133–3141  
Orduz D\*, Maldonado PP\*, Balia M, Vélez-Fort M, de Sars V, Yanagawa Y, Emiliani V, **Angulo MC** (2015) Interneurons and oligodendrocyte progenitors form a structured synaptic network in the developing neocortex. *eLife* 4:e06953  
Wake H\*, Ortiz FC\*, Woo DH, Lee P, **Angulo MC**, Fields D (2015) “Non-synaptic junctions on myelinating glia promote preferential myelination of electrically-active axons”. *Nat Commun* 6:7844  
Balia M\*, Vélez-Fort M\*, Passlick S, Schäfer C, Audinat E, Steinhäuser C, Seifert G, **Angulo MC** (2015) Postnatal down-regulation of the GABAA receptor  $\gamma 2$  subunit in neocortical NG2 cells accompanies synaptic-to-extrasynaptic switch in GABAergic transmission mode. *Cereb Cortex*, 25(4):1114-23  
Maldonado PP, Vélez-Fort M, Levavasseur F, **Angulo MC** (2013) Oligodendrocyte precursor cells are accurate sensors of local K<sup>+</sup> in mature gray matter. *J Neurosci* 33(6):2432-42