

Maria Cecilia

Angulo

Center of Psychiatry and Neuroscience

INSERM U894

102, rue de la Santé, 75014 Paris, France

<https://cpn.paris5.inserm.fr/recherche/equipes-et-projets/19-equipe-angulo>

email : maria-cecilia.angulo@parisdescartes.fr



Education

- 1999 *Ph.D. in Neuroscience, University Pierre and Marie Curie (Paris, France)*
1996 *MS in Neuroscience, University Pierre and Marie Curie (Paris, France)*
1995 *BS in Biology, National University of Colombia (Bogota, Colombia)*

Positions held

- 2017-present *Research Director and team leader, Center of Psychiatry and Neuroscience, INSERM U894, Paris, France*
2011-2017 *Research Director and team leader, Laboratory of Neurophysiology and New Microscopies, INSERM U1128, Paris, France*
2006-2010 *Senior Scientist, Laboratory of Neurophysiology and New Microscopies, INSERM U603 & CNRS UMR8154, Paris, France*
2002-2006 *Research Scientist, Laboratory of Neurophysiology and New Microscopies, INSERM U603 & CNRS UMR8154, Paris, France*

Awards & Honours

Selected team by an international scientific advisory board to integrate the new Center of Psychiatry and Neuroscience, INSERM U894 (2016), "Equipe FRM 2015" award from the French Research Medical Foundation (2015), Award for research from CNRS (2014), Best PhD thesis award from French Society for Neuroscience (Vélez-Fort, PhD Student/Angulo, mentor) (2011), Young investigator grant from ANR (2007), Young investigator Award from NARSAD, USA (2005).

Selected committee work

- 2017-present *Member of the scientific committee of the French National Agency of Research (Agence Nationale de la recherche, ANR; Neuroscience section), France*
2017-present *Member of the scientific committee of the French Fédération pour la Recherche sur le Cerveau (FRC), France*
2017-present *Representative of researchers/professors in the Administrative Council of the Ecole des Neurosciences de Paris (ENP), Paris, France*
2015-2017 *Elected member of the scientific committee for the "XIII european meeting on glial cells in health and disease" which took place on July 8th-11th, 2017 at Edinburgh, UK*

Five selected (recent) publications

1. Balia M, Benamer N, Angulo MC (2017) A specific GABAergic synapse onto oligodendrocyte precursors does not regulate cortical oligodendrogenesis. **Glia** 65(11):1821-1832
2. 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 (*Co-first authors)
3. 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 (*Co-first authors)
4. Balia M*, Vélez-Fort M*, Passlick S, Schäfer C, Audinat E, Steinhäuser C, Seifert G, Angulo MC (2015) Postnatal down-regulation of the GABA_A receptor gamma2 subunit in neocortical NG2 cells accompanies synaptic-to-extrasynaptic switch in GABAergic transmission mode. **Cereb Cortex**, 25(4):1114-23 (*Co-first authors)
5. Maldonado PP, Vélez-Fort M, Levavasseur F, Angulo MC (2013) Oligodendrocyte precursor cells are accurate sensors of local K⁺ in mature gray matter. **J Neurosci** 33(6):2432-42