



## RESEARCH TOPIC MEM16

### New molecular targets for neurodevelopment disorders Curriculum MEM

#### Laboratory name

Laboratory of Pharmacology and Brain Pathology, IRCCS Humanitas Research Hospital

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#### Abstract

Neurodevelopmental disorders (NDD) constitute a heterogeneous group of human diseases affecting early childhood development characterized by social deficits, intellectual disabilities and altered behaviour. No cure or effective treatment are available. The possibility to target common molecular processes found to be altered in different NDD might be a useful strategy to identify new druggable factors.

#### Main technical approaches

Basic neurobiology, Electrophysiology, imaging, biochemistry and molecular biology

#### Scientific references

D. Pozzi, et al. *Front Mol Neurosci.* 11, 111, (2018)

D. Pozzi, et al. *Transl Psychiatry.* 10, 349, (2020)

F. Mirabella, et al. *Immunity.* 54, 2611-2631 e8, (2021)

L. Scaramuzza, et al. *EMBO Mol Med.* 13, e12433, (2021)

#### Type of contract

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