



Friday, April 17th 2015 – h 14:00
Seminar Room, NICO

Extrinsic mechanisms regulate the GPR17 receptor during oligodendrocyte precursor cell maturation: implications for the development of new remyelinating strategies

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During oligodendrocyte precursor cell differentiation, defective control of the membrane receptor GPR17 has been suggested to block cell maturation and impair remyelination under demyelinating conditions.

Here, we show that the ubiquitin ligase Mdm2, known to be involved in ubiquitination/degradation of p53, regulates GPR17 responses at the cell membrane by intertwining mTOR with G-protein receptor kinase 2.

Host: Alessandro Vercelli

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