

Development and Neuropharmacology LabCom

CIRB – Équipe de recherche

PUBLICATIONS

Peer-Reviewed Articles

1. Lebcœuf, M. et al. ENGRAILED-1 transcription factor has a paracrine neurotrophic activity on adult spinal α -motoneurons. EMBO Rep. 24, e56525 (2023). <https://dx.doi.org/10.15252/embr.202256525>
2. Pensieri, P. et al. Photoreceptor cKO of OTX2 enhances OTX2 intercellular transfer in the retina and causes photophobia. eNeuro 8, ENEURO.0229-21.2021 (2021). <https://dx.doi.org/10.1523/eneuro.0229-21.2021>
3. Torero-Ibad, R. et al. OTX2 non-cell autonomous activity regulates inner retinal function. eNeuro 7, ENEURO.0012-19.2020 (2020). <https://dx.doi.org/10.1523/eneuro.0012-19.2020>
4. Thomasson, N. et al. Engrailed-1 induces long-lasting behavior benefit in an experimental Parkinson primate model. Movement Disord 34, 1082–1084 (2019). <https://dx.doi.org/10.1002/mds.27714>
5. Vargas Abonce, S.E. et al. Homeoprotein Neuroprotection of Embryonic Neuronal Cells. eNeuro 6, ENEURO.0061-19.2019 (2019). <https://dx.doi.org/10.1523/eneuro.0061-19.2019>
6. Blaudin de Thé, F.-X. et al. Engrailed homeoprotein blocks degeneration in adult dopaminergic neurons through LINE-1 repression. EMBO J 37, e97374 (2018). <https://dx.doi.org/10.15252/emboj.201797374>

Reviews

1. Moya, K. & Ibad, R. OTX2 signaling in retinal dysfunction, degeneration and regeneration. Neural Regen Res 16, 2002 (2021). <https://dx.doi.org/10.4103/1673-5374.308094>
2. Di Nardo, A. A., Joliot, A. & Prochiantz, A. Homeoprotein transduction in neurodevelopment and physiopathology. Sci Adv 6, eabc6374 (2020). <https://dx.doi.org/10.1126/sciadv.abc6374>
3. Di Nardo, A. A., et al. The Physiology of Homeoprotein Transduction. Physiol Rev 98, 1943–1982 (2018). <https://dx.doi.org/10.1152/physrev.00018.2017>
4. Blaudin de Thé, F.-X. et al. Neural plasticity 2016, 6097107–11 (2016). <https://dx.doi.org/10.1155/2016/6097107>