Ariel A. DI NARDO
Born on July 01, 1971
ORCID iD: 0000-0003-2944-488X

Education

2003	**PhD** Biochemistry, University of Toronto (Toronto, CA)
1995	**BSc** Applied Biochemistry, University of Guelph (Guelph, CA)

Professional Experience

2021-present	**Co-director,** *Development & Neuropharmacology Team*, CIRB, Collège de France, CNRS UMR 7241 (Paris, FR)
2019-present	**Co-director,** *Laboratoire Commun, CNRS - Inserm - Collège de France - BrainEver SAS* (Paris, FR)
2008-present	**Tenured CNRS Research Scientist** CIRB, Collège de France (Paris, FR)
2003-2008	**Post-doctoral Associate** Prochiantz Lab, ENS, (Paris, FR)
2001-2002	**Analyst** Clinical Informatics, University Health Network (Toronto, CA)
1996-2003	**PhD Student** Davidson Lab, University of Toronto (Toronto, CA)
1994-1995	**Researcher Assistant** Merrill Lab. University of Guelph (Guelph, CA)
1992-1993	**Researcher Assistant** National Research Council of Canada (Ottawa, CA)
1991	**Researcher Assistant** Polymer Division, DOW Europe (Rheinmünster, DE)

Teaching and Tutoring

Lectures	UPMC Masters course NB002: Développement du Système Nerveux
Students	8 PhD students, 15 Masters students, 6 Thesis panels

Scientific activities

CIRB	Animal Facility Scientific Committee (2009-2015; 2020-present)
Expert	EU Evaluator: MSCA-PF (2021)
Reviewer	Science, EMBO Mol. Med., Mol. Psy., Frontiers Journals, others
Patents	3 international patents

Scientific collaborations (current)

France	MO Krebs (IPNP), L Venance (CIRB), N Rouach (CIRB), JM Mallet (ENS), R Daniel (U-Evry), C Théry (Curie)
International	TK Hensch (Harvard, USA), D Geschwind (UCLA, USA; *shared PhD student*), I Andolina (ION, China), B Sorg (LRI, USA), D Carulli (NIN, NL)

Grants

2022-2024	**FRC** (80 000 €) Coordinator
2020-2023	**Fond de dotation Neuroglia** (210 000 €) Coordinator
2019-2024	**BrainEver SAS** (250 000 €/yr) Co-coordinator
2018-2022	**ANR PRC** (520 000 €) Co-coordinator
2015-2018	**ANR PRC** (475 000 €) Co-coordinator

Ten Main Publications (lifetime: 35 publications, 13 corr. author, h-index: 19)

1. Vincent C*, Gilabert-Juan J*, Gibel-Russo R, Alvarez-Fischer D, Krebs M-O, Le Pen G, Prochiantz A°, **Di Nardo AA**°. (2021) Non-cell autonomous OTX2 transcription factor regulates anxiety-related behaviors in the mouse. ***Mol Psychiatry*** doi:10.1038/s41380-021- 01132-y.
2. Arnaud K*, Oliviera Moreira V*, Vincent J, Dallerac G, Poupon C, Richter M, Müller U, Rondi-Reig L, Prochiantz A°, **Di Nardo AA**°. (2021) Non-cell autonomous choroid plexus-derived sAPPα regulates adult hippocampus proliferation and plasticity. ***Life Sci Alliance*** 4, e202000703.
3. Planques A*, Oliveira Moreira V*, Benacom D, Bernard C, Jourdren L, Blugeon C, Dingli F, Loew D, Prochiantz A, **Di Nardo AA**°. (2021) OTX2 homeoprotein regulates adult choroid plexus activity. ***Int J Mol Sci*** 22, 8951.
4. Planques A*, Oliveira Moreira V*, Dubreuil C, Prochiantz A, **Di Nardo AA**°. (2019) OTX2 signals from the choroid plexus to regulate adult neurogenesis. ***eNeuro*** 6, doi:10.1523/ENEURO.0262-18.2019.
5. Apulei J*, Kim N*, Testa D*, Ribot J, Morizet D, Bernard C, Jourdren L, Blugeon C, **Di Nardo AA°**, Prochiantz A. (2019) Non-cell autonomous Otx2 homeoprotein regulates visual cortex plasticity through Gadd45b. ***Cerebral Cortex*** 29, 2384-95.
6. Lee HHC*, Bernard C*, Ye Z*, Acampora D, Simeone A, Prochiantz A, **Di Nardo AA**°, Hensch TK°. (2017) Genetic Otx2 mis-localization delays critical period plasticity across brain regions. ***Mol Psychiatry*** 22, 680–8.
7. Spatazza J*, Lee HHC*, **Di Nardo AA**, Tibaldi L, Joliot A, Hensch TK°, Prochiantz A°. (2013) Choroid-plexus-derived Otx2 homeoprotein constrains adult cortical plasticity. ***Cell Rep*** 3, 1815–23.
8. Sugiyama S, **Di Nardo AA**, Aizawa S, Matsuo I, Volovitch M, Prochiantz A°, Hensch TK°. (2008) Experience-dependent transfer of Otx2 homeoprotein into the visual cortex activates postnatal plasticity. ***Cell*** 134, 508-20.
9. Korzhnev DM, Salvatella X, Vendruscolo M, **Di Nardo AA**, Davidson AR, Dobson CM, Kay LE°. (2004) Low-populated folding intermediates of Fyn SH3 characterized by relaxation dispersion NMR. ***Nature*** 430, 586-90.
10. **Di Nardo AA**, Korzhnev DM, Stogios PJ, Zarrine-Afsar A, Kay LE, Davidson AR°. (2004) Dramatic acceleration of protein folding by stabilization of a non-native backbone conformation. ***Proc Natl Acad Sci USA*** 101, 7954-9.

* co-first authors
° corresponding author(s)

Recent Reviews

1. Gibel-Russo R, Benacom D, **Di Nardo AA**°. (2022) Non-cell-autonomous factors implicated in parvalbumin interneuron maturation and critical periods. ***Front Neural Circuits***, 16:875873.
2. **Di Nardo AA**°, Joliot A, Prochiantz A°. (2020) Homeoprotein transduction in neurodevelopment and physiopathology. ***Sci Adv*** 6, eabc6374.
3. Testa D, Prochiantz P, **Di Nardo AA**°. (2019) Perineuronal nets in brain physiology and disease. ***Sem Cell Dev Biology*** 89, 125-35.
4. **Di Nardo AA**, Fuchs J, Joshi RL, Moya KL, Prochiantz A°. (2018) The physiology of homeoprotein transduction. ***Physiol Rev*** 98, 1943-82.