

Fabien Naneix, Ph.D.

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Lecturer in Neuroscience

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Short bio

Fabien earned a PhD in Neuroscience from the University of Bordeaux (France) in 2012 after a BSc in Cellular Biology & Physiology and a MSc in Neuroscience. He did a first postdoctoral position at the Aquitaine Institute for Cognitive and Integrative Neuroscience (INICIA) and at the Integrated Nutrition and Neurobiology Lab. In 2017, he moved to the University of Leicester (England) for second postdoc. Since June 2020, he secured a lecturer position at the Rowett Institute, University of Aberdeen (UK).

His broad scientific interest is to understand the behavioural and neurobiological development of food-related responses, combining sophisticated behavioural tests with selective targeting of corticolimbic circuits (lesions, pharmacology, chemogenetic manipulations) and physiological recordings (fibre photometry, fast-scan cyclic voltammetry, calcium imaging).

To date, Fabien has co-authored 13 articles in international peer-reviewed scientific journals (ORCID: 0000-0002-7888-338X) and actively participates to the communication of his research to a broader audience using blog articles (Rowett Institute, NeurOnline) and social networks (@FabNaneix; @NaneixLab; @EnDirectDuLabo).

Fabien is a member of the EBBS since 2009 and chaired the symposium “Maturation and vulnerability of mesocorticolimbic circuitries” at the last EBBS meeting (2019, Prague).

Recent publications

- **Naneix F.***, Bakoyiannis I.*, Santoyo-Zedillo M., Bosch-Bouju, Pacheco-Lopez G., Coutureau E., Ferreira G. Chemogenetic silencing of hippocampus and amygdala reveals a double dissociation in periadolescent obesogenic diet-induced memory alterations (2021). *Neurobiology of Learning and Memory*.
- **Naneix F.**, Peters KZ, Young AMJ, McCutcheon JE. Age dependent effects of protein restriction on dopamine release (2021). *Neuropsychopharmacology*.
- **Naneix F.**, Peters KZ, McCutcheon JE. Investigating the Effect of Physiological Need States on Palatability and Motivation Using Microstructural Analysis of Licking (2019). *Neuroscience*.
- **Naneix F.**, Darlot F., De Smedt-Peyrusse V., Pape J-R., Coutureau E., Cador M. Protracted motivational dopamine-related deficits following adolescence sugar overconsumption (2018). *Neuropharmacology*.
- **Naneix F.***, Tantot F.*, Glangetas C., Kaufling J, Janthakhin Y., Boitard C., De Smedt-Peyrusse V., Pape J-R., Vancassel S., Trifillieff P., Georges F., Coutureau E., Ferreira G. Impact of early consumption of high-fat diet on the mesolimbic system (2017). *eNeuro* 4(3).
- **Naneix F.**, Darlot F., Coutureau E., Cador M. Long-lasting deficits in hedonic and nucleus accumbens reactivity to sweet rewards by sugar overconsumption during adolescence (2016). *European Journal of Neuroscience* 43: 671-680.