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Research interest

My broad scientific interest is to understand how diet during early stages of life (childhood, adolescence) may alter cognitive and neurobiological processes underlying food-related behaviours. To investigate this, I use a multi-levels approach combining sophisticated behavioural tests with selective targeting of corticolimbic circuits (lesions, pharmacology, chemogenetic manipulations) and physiological recordings (photometry, fast-scan cyclic voltammetry, calcium imaging).

Education and Research training

- June 2020: Lecturer in Neuroscience at the Rowett Institute (University of Aberdeen, UK)
- 2017-2020: Research Associate at the Department of Neuroscience, Psychology and Behaviour, (University of Leicester, UK)
- 2014-2017: Postdoctoral researcher at the Aquitaine Institute for Cognitive and Integrative Neuroscience (CNRS, Bordeaux, France)
- 2012: Ph.D. in Neuroscience, University of Bordeaux, France

List of representative publications

- **Naneix F.**, Peters KZ, McCutcheon JE. Investigating the Effect of Physiological Need States on Palatability and Motivation Using Microstructural Analysis of Licking (2019). *Neuroscience* (in press, corrected proof).
- **Naneix F.***, Tantot F.*, Glangetas C., Kaufling J, Janthakhin Y., Boitard C., De Smedt-Peyrusse V., Pape J-R., Vancassel S., Trifilieff 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.
- **Naneix F.**, Marchand A.R., Pichon A., Pape J-R., Coutureau E. Adolescent stimulation of D2 receptors alters the maturation of dopamine-dependent goal-directed behavior (2013). *Neuropsychopharmacology* 38(8): 1566-1574.
- **Naneix F.**, Marchand A.R., Di Scala G., Pape J-R., Coutureau E. Parallel maturation of goal-directed behavior and dopaminergic systems during adolescence (2012). *The Journal of Neuroscience* 32(46): 16223-16232.