

Mathieu Wolff, french, 43

CNRS Research Director

Bordeaux Neurocampus, University of Bordeaux

[Web \(lab\)](#) / [Twitter](#) / <https://orcid.org/0000-0003-3037-3038> / mathieu.wolff@u-bordeaux.fr

After my PhD in 2004, I did my postdoctoral research in the University of Canterbury (New Zealand) before I secured a researcher position at the CNRS in 2008. Since then, I have been working at the Aquitaine Institute for Cognitive and Integrative Neurosciences (INICIA, Bordeaux, France). I am currently a CNRS research director and my main research interest is the functional contribution of limbic thalamic nuclei to high order cognition. More specifically, I am currently interested in the neurobiology of adaptive behaviors, with a particular emphasis on thalamocortical circuits.

Over the past few years, I dedicated a significant part of my time and energy in promoting behavioral neuroscience and collaborative research efforts at an EU level as shown below. Now I feel that contributing to the EBBS would be more efficient to achieve this.

Meetings organization

- EBBS 2017 (Bilbao, Spain): Symposium “Thalamocortical bases of adaptive behaviors”
- French-German workshop 2018 (Heidelberg, Germany): “Thalamocortical circuits for adaptive behaviors”, co-organized with Alex Groh (Heidelberg, Germany)
- International workshop 2018 (Bordeaux, France): “Frontiers in medial prefrontal cortex research”, co-organized with E. Coutureau, September 2018
- NeuroFrance 2017 (Bordeaux, France): Symposium “Subcortical determinants of learning & memory: looking beyond the hippocampus”, co-organized with L. Lecourtier (Strasbourg)

Recent Publications

Wolff M, Vann SD (2019) The Cognitive Thalamus as a Gateway to Mental Representations. *J Neurosci* 39:3–14.

Fresno V, Parkes SL, Faugère A, Coutureau E, **Wolff M** (2019) A thalamocortical circuit for updating action-outcome associations. *Elife* 8.

Alcaraz F, Fresno V, Marchand AR, Kremer EJ, Coutureau E, **Wolff M** (2018) Thalamocortical and corticothalamic pathways differentially contribute to goal-directed behaviors in the rat Schoenbaum G, ed. *eLife* 7:e32517.

Alcaraz F, Marchand AR, Vidal E, Guillou A, Faugere A, Coutureau E, **Wolff M** (2015) Flexible Use of Predictive Cues beyond the Orbitofrontal Cortex: Role of the Submedial Thalamic Nucleus. *J Neurosci* 35:13183–13193.

Wolff M, Alcaraz F, Marchand AR, Coutureau E (2015) Functional heterogeneity of the limbic thalamus: From hippocampal to cortical functions. *Neurosci Biobehav Rev* 54:120–130.