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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Vincent Vialou
Supervisor page	https://www.ibps.sorbonne-universite.fr/en/ibps/directory/1626-Vincent-Vialou
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Center for Neuroscience Sorbonne University https://www.ibps.sorbonne-universite.fr/en/research/neuroscience
Research Team	Neurobiology of Psychiatric Disorders https://www.ibps.sorbonne-universite.fr/en/research/neuroscience/neurobiology-psychiatric-disorders

Project Title

Determining the role of the matricellular protein hevin in neurons

Project Description

Astrocyte-secreted matricellular proteins like thrombospondins and hevin promote synaptogenesis and plasticity. Unlike others, hevin is also expressed in neurons, raising questions about its neuronal function. This project aims to uncover the physiological role of neuronal hevin using molecular, cellular, and ex vivo approaches. We will investigate its impact on synapse formation and plasticity and study its regulation through live imaging in primary neuronal cultures.

Keywords

synaptic plasticity, extracellular matrix, secreted glycoprotein

Description of the Host Research Lab

The Center for Neuroscience Sorbonne University is composed of 15 teams and aims to understand the fundamental mechanisms underlying the physiology of the central nervous system, including the brain and spinal cord, during development and adulthood, as well as to develop preclinical models of human psychiatric and neurological disorders.

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr