



Postdoctoral Position in the Biology of Extracellular Vesicles in Huntington's disease

One postdoc position is immediately available in the team Brain-C 'Compensatory systems in Neurodegenerative Diseases & Aging' at the Institute of Biology Paris-Seine in Paris. The position is supported for 3 years by Agence Nationale de la Recherche (ANR) starting March 1st 2019.

The successful applicant will study the role of extracellular vesicles (EV) in Huntington's disease (HD) using human stem cell and knock-in mouse models of HD pathogenesis. These studies will involve state-of-art methods for studying the secretion levels, molecular contents and biological effects of specific EV sub-populations.

Postdoc candidates should hold a PhD in Cell Biology or a related field. Postdoc candidates that just obtained their PhD are welcome to apply. If a candidate has previous postdoctoral experience, this experience should not exceed 1-2 years if acquired in France and 2-3 years if acquired outside France.

Postdoc candidates are expected to be highly qualified and able to work independently while having excellent team spirit. Essential qualifications include demonstrated experience in using state-of-art approaches for precision cell biology and in using the latest molecular biology technologies. Postdoc candidates should have at least 1-2 publications as a first author in major journals, in the field of EV biology or a related field such as endocytosis, intracellular vesicle trafficking and exocytosis. A background in cellular neurobiology and/or human stem cell biology will be a plus.

The successful candidate will work in a multi-disciplinary team that brings together systems biology, cell biology and mouse genetics and in a consortium involving the Institut Curie in Paris and GIN in Grenoble. This combination provides an excellent opportunity for a highly motivated fellow interested by precision cell biology and the study of intercellular communication mediated by EVs in the normal and pathological brain.

For general information and relevant publications, please see: <http://www.ibps.upmc.fr/en/research/biological-adaptation-and-ageing/brainc>

For informal inquiry please contact Dr Christian Neri: Christian.neri@inserm.fr

Application Instructions: Interested candidates should apply immediatly. Provide a **detailed CV, a letter of motivation and a minimum of 2 names of reference** to Christian.neri@inserm.fr