



## Postdoctoral Position in Human Stem Cell Neurobiology of 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 2 years starting May 2020 with possible renewal for a 3rd year. The successful applicant will study the dynamics and role of cell survival mechanisms in differentiating and adult neurons in Huntington's disease (HD). These studies will involve models currently in use in the team including human pluripotent stem and embryonic stem cell models of HD pathogenesis, with a large body of preliminary data that are already available. The aim will be to understand how stress response and cellular maintenance mechanisms (e.g., DNA damage response) may impact on the homeostasis of the neural stem cell pool and on the functional activity of adult neurons.

Postdoc candidates are expected to be highly qualified and independent. Essential qualifications include demonstrated experience in human stem cell biology and in using the latest molecular biology technologies. Excellent writing skills and presentation skills are mandatory for this position. Previous experience in mouse testing will be a plus.

Postdoc candidates that just obtained their PhD are welcome to apply as well as those with previous postdoctoral experience acquired outside France (3-4 years). If a candidate has previous postdoctoral experience acquired in France, this should not exceed 2 years.

The successful candidate will work in a multi-disciplinary team that brings together systems biology, cell biology and mouse genetics. This combination provides an excellent opportunity for a highly motivated fellow interested by the biology of neurodegenerative diseases on mechanistic and system levels.

**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](mailto:Christian.neri@inserm.fr)

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