Two post-doctoral positions

We seek enthusiastic, highly motivated post-doctoral fellows who will join two teams working on the function of huntingtin (HTT), the protein mutated in the neurodegenerative disorder, Huntington’s disease.

**Position 1:** The project will focus on the study of cellular dynamics in Huntington’s disease and notably on the role of huntingtin in intracellular trafficking in relation to neuronal death. Techniques used will include molecular biology, biochemistry, primary cultures, microfluidic devices and state of the art live-imaging microscopy. Model systems are primary mouse cell culture, transgenic mice and *Drosophila melanogaster*. The successful applicant will develop genetic tools to study the mechanisms by which huntingtin regulates axonal transport.


**Position 2:** Huntington is involved in the differentiation of progenitors of various types during development and adulthood. During these processes, HTT expression is finely regulated. The project will focus on the mechanisms underlying the regulation of HTT expression. Techniques used will include molecular biology (miRNA, anti-sens RNA, transcript analysis), cellular biology (primary cultures, immunocytochemistry, live-imaging) and analysis of mouse models (transgenic mice and/or *in utero* electroporation; *in situ*; immunohistochemistry).


We offer a close supervision in motivated teams and a stimulating scientific environment. Salaries are secured for 2 years and depend on experience.

Qualification: PhD with good record of publications.

Location: The laboratory is part of the GIN Grenoble Institut des Neurosciences that provide with the state of the art platforms and technologies.

How to apply:
Candidates should email a cover letter, a CV and two reference letters to:
Frédéric SAUDOU, frederic.saudou@ujf-grenoble.fr
and Sandrine HUMBERT, sandrine.humbert@ujf-grenoble.fr