

The Institut du Cerveau et de la Moelle épinière (ICM), offers

**A post-doctoral fellowship (3 to 5 years expérience) in: « Stem Cell and Myelin Repair »
CDD (m/f)
Paris 13 Arr.**

The Institut du « Cerveau et de la Moelle épinière » is a private foundation, which objective is fundamental and clinical research of the nervous system. Reunited in one site, 600 researchers, ingenieurs et clinicians cover most of the disciplines in Neurology with the aim to accelerate discoveries in brain functioning, and developments of treatment for diseases such as: Alzheimer, Parkinson, Multiple Sclerosis, epilepsy, depression, paraplegia, tetraplegia, etc.

POSTE

MISSIONS PRINCIPALES

A postdoctoral position is available in the laboratory of Anne Baron-Van Evercooren at the Institute of Brain and Spinal cord in Paris (France). The group (www.icm-institute.org) is focused on several aspects of myelin repair and has made seminal contributions to the fields of neural stem cells, myelin forming cells and their role in exogenous and endogenous myelin repair. The purpose of the postdoctoral position will be to understand the role of molecular candidates in promoting human oligodendrocyte differentiation and myelination, using the iPS technology and up-to date molecular and cellular technologies in vitro and in vivo. The candidate will be in charge of the stem cell cultures, their engraftment in myelin disease animal models, management of the mice lines, in vitro and post-mortem analysis, data interpretation and presentation, as well as writing of manuscripts and reports.

PROFILE

QUALIFICATION AND EXPERIENCE

Highly qualified and motivated candidate, with a PhD in neurosciences and with 1-2 years of research experience in neurobiology.

PROFILE, SKILLS

- Candidates with the following research skills are invited to apply :
 - solid background in molecular and cellular neurobiology,
 - good knowledge in stem cells, glial cells and animal models of myelin diseases,
 - primary cultures
 - handling and breeding of mice, surgical experience
 - immuno cyto- and histochemistry
 - imaging (acquisition and treatment)
 - statistical evaluation of data
- Good knowledge in english (written and spoken)
- Mastering classic and image treatment softwares : Image J, Imaris....

ABILITY

- Organizational skills and motivation
- Autonomy in project management
- Team working skills

CV to send to : anne.baron@upmc.fr

(ou) or by postal mail to « Service recrutement,

Poste « *Stagiaire Post-doctoral : Cellules souches et Réparation de la Myéline* » (m/f) :

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