

The Institut du Cerveau et de la Moelle épinière (ICM), offers
Post-doctorant (M/F)
CDD 12 months
Paris 13 Arr.

The Institute 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, ingenious et clinicians cover most of the disciplines in Neurology with the aim to accelerate discoveries in brain functioning, and developments of treatment of diseases such as Alzheimer, Parkinson, Multiple Sclerosis, epilepsy, depression, paraplegia, tetraplegia, etc.

POSTE

MAIN TASKS

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 a model of myelin disease, management of the mice lines, in vitro and post-mortem analysis, data interpretation and presentation, as well as writing of manuscripts and reports.

PROFIL

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: recrutement@icm-institute.org

And to: anne.baron@upmc.fr

**or by postal mail to « Service recrutement,
Poste « Post-doctoral fellowship (h/f)»:**

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