



## Post-doctoral position in neuroimmunology at the ICM

The ICM is recruiting a post-doc fellow in immunology to join the “neuroimmunology group”.

### The Institute

ICM is the Brain and Spinal Cord Institute located in the center of Paris, France, on the campus of the Pitié-Salpêtrière hospital/ Sorbonne-Pierre & Marie Curie University, at the heart of the French neurology. ICM is a neuroscience institute hosting 25 teams dedicated to research on the central nervous system during development and in the adult in normal and diseased conditions. The neuroimmunology group at the ICM gathers 6 teams specialized in different neurological diseases with a common interest in neuroinflammation and neuro-immune responses.

<http://icm-institute.org>

### The Project

Our focus is on neuroinflammation in different neurological diseases including the autoimmune disease Multiple Sclerosis and the neurodegenerative diseases Alzheimer’s disease, Parkinson’s disease and Amyotrophic Lateral Sclerosis. All these disorders have in common a reactivity of the microglial cells, the macrophages of the central nervous system and a potential influence of monocytes/macrophages at the periphery. However, the mechanisms underlying this reactivity and the impact of the monocytes, macrophages and microglial cells during the course of these neurological diseases may differ resulting in distinct outcomes. With this project, using mouse models, human cells from healthy individuals and patients including iPSc and blood-born cells, the post-doc will analyze microglial and macrophage responses linked to these neurological diseases and compare them to better understand each disease specifically.

### Profile of the Candidate

We are seeking an immunologist enthusiastic about applying his knowledge to neurosciences. The applicant should have a strong background in immunology and have preferentially previously worked on human monocytes/ macrophages. He/she should have an interest for neurosciences in general and on neurodegenerative diseases, in particular. The candidate should have expertise in cell culture and flow cytometry and be interested in expression profiling studies. He/she should be devoted to work independently but also be able to participate in a collaborative group.

### Position

The salary will be covered for the 15 first months and the applicant will be encouraged to apply to fellowships for the continuation of the post-doc.

Send a CV (including names of 3 references) and a motivation letter to:

[Severine.boillee@icm-institute.org](mailto:Severine.boillee@icm-institute.org) and [Delphine.bohl@icm-institute.org](mailto:Delphine.bohl@icm-institute.org)



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