



### **Post-doctoral position in Central Nervous System Axon regeneration**

A 2 years Postdoctoral position funded by Wings For Life foundation is available at Homaira Nawabi's team (Grenoble Institute of Neuroscience GIN INSERM U1216, University Grenoble-Alpes, FRANCE).

[https://neurosciences.univ-grenoble-alpes.fr/en/research/research-teams/team-central-nervous-system-from-development-to-repair--693732.kjsp?RH=NEUROEN\\_RECHEQUI](https://neurosciences.univ-grenoble-alpes.fr/en/research/research-teams/team-central-nervous-system-from-development-to-repair--693732.kjsp?RH=NEUROEN_RECHEQUI)

<https://nblab.univ-grenoble-alpes.fr>

Central Nervous system (CNS) neurons are not able to regenerate after injury, leading to irreversible loss of cognitive and motor function. Today, no treatment is available for patients with traumatic or chronic injury like neurodegenerative disease. This represents a huge challenge for medicine and society. We recently identified novel molecules with high therapeutic value to treat CNS injury and promote regeneration and functional recovery. The proposed project is to challenge our molecules in the context of spinal cord injuries to determine potential circuit reformation and functional recovery.

**Qualifications:** We seek an enthusiastic, highly motivated post-doctoral fellow to work on mechanisms of axon degeneration/regeneration in the spinal cord. The candidate needs to hold a PhD with good record of publications but with no more than 2 years after getting PhD. Candidate needs a strong background in histology and cell biology. Knowledge in mouse handling, surgery and behavior tests, as well as microscopy will be greatly appreciated. We offer a close supervision in a motivated team and a stimulating scientific environment.

**Location:** The laboratory is part of the GIN Grenoble Institute of Neurosciences, at Inserm (French institute of health) and Grenoble Alpes University research center devoted to understanding brain functions in health and diseases. The GIN is composed of research teams specialized in the study of physiological processes or in pathologies of the nervous system and in the development of innovating techniques to explore them and provides with the state-of-the-art platforms and technologies (animal facility, microscopy facility). The GIN is founder member of the Grenoble center of excellence in neurodegenerative disorders (GREEN). Grenoble is an active research city in France located three hours from Paris by train. Homaira Nawabi's team is focused on the analysis of neuronal circuit reformation after injury. The group is funded by National (ANR, University) and international (ERC, Wings for Life) grants.

#### **How to apply:**

Candidates should send a cover letter, a CV and at least two reference letters to:

Homaira Nawabi, [homaira.nawabi@inserm.fr](mailto:homaira.nawabi@inserm.fr)