



### **SPIN provides one new PhD position (third-party funded)**

The international PhD College *SPIN – Signal Processing in Neurons* announces 1 PhD fellowship in Neuroscience. The program is funded by the **Austrian Science Fund (FWF)** and is jointly run by the **Medical University of Innsbruck** and the **University of Innsbruck**

The position will be located within the Division of Neurobiochemistry of the Medical University of Innsbruck, which is involved in translational research in the fields of nervous system development and regeneration. Our interests lie in: a) understanding the genetic, cellular and molecular basis of sensory axon growth during development of the nervous system b) investigating molecular mechanisms of axon regeneration after injury and c) translating our findings into regenerative therapeutic strategies for repair of the injured or diseased nervous system.

The successful applicant will study the role of the Nogo66 receptor in signaling processes during axonal pathfinding and after peripheral nerve injury. The project relies on an integrative approach that combines molecular, genetic, and biochemical methods with in vitro and in vivo imaging techniques and behavioral assays in mice.

The candidate should be highly motivated, with a strong attitude towards independent work and must hold good interpersonal and communication skills. Applicants should have a strong background in molecular, cell biology and/or neuroscience, preferably with experience in cell cultivation. Fluency in English and the ability to work in an international environment are expected. The salary is 2.045,10 € (14 x a year) gross income per month (30h per week) according to the FWF scale.

### **Application**

Please submit the following documents by email (in PDF format one of the following addresses: [Christine.bandtlow@i-med.ac.at](mailto:Christine.bandtlow@i-med.ac.at) or [Sheela.braganca@tirol-kliniken.at](mailto:Sheela.braganca@tirol-kliniken.at)) **until June 20<sup>th</sup>, 2016**:

- an informal statement that gives insight into your qualifications and interest in specific areas
- CV
- certificates of your Masters' degree (with indication of credit system)
- two letters of recommendation

PhD students are selected on the basis of their application materials and a personal interview at the Medical University of Innsbruck. We invite applications from highly qualified and motivated students of any nationality and look forward to your application.

For more information please visit [www.neurospin.at](http://www.neurospin.at)