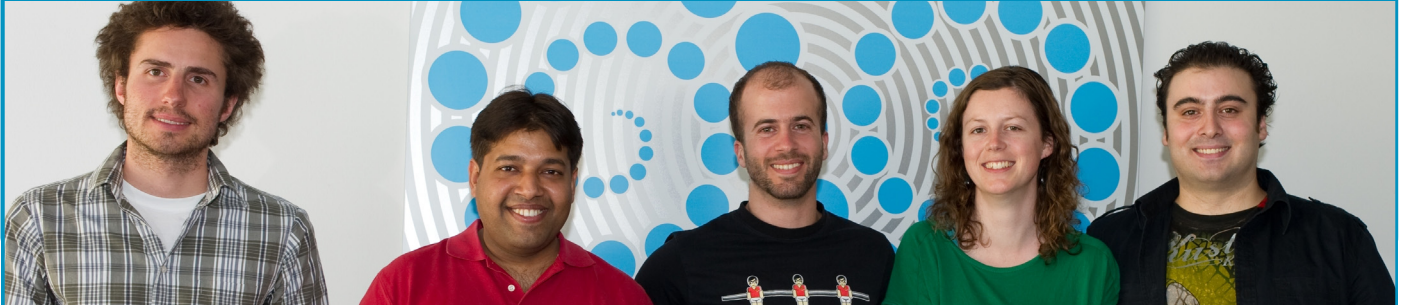


## International PhD Program in Neuroscience



## 12 PhD Studentships Available

The Innsbruck Medical University, located in Tyrol (Austria), seeks talented and committed young researchers for its 3-year PhD Program “Signal Processing in Neurons” (SPIN). The faculty of SPIN is dedicated to enabling outstanding young science graduates and candidates with a medical degree to embark on a research career in neuroscience, providing cutting-edge, internationally competitive thesis projects, excellent working conditions, study abroad opportunities, free access to technical competence centers, and a tailored training program specifically designed for the education of SPIN students.

The scientific program includes intensive training in translational research in clinical neurobiology, genomics and rnomics, molecular and cellular neuropharmacology, neuroanatomy, neurobiochemistry, immunology/neuroimmunology, molecular neurobiology, pharmacy and neurophysiology.

Research projects include, but are not limited to: “Trafficking and function of metabotropic glutamate receptors at GABAergic synapses” (F. Ferraguti); “Regulation of nociceptors by matrix related molecules” (M. Kress); “Mechanisms of neuronal degeneration in multiple sclerosis” (M. Reindl); “Inter- and intracellular signal processing in pathways involved in acquisition, reorientation and extinction of addiction-associated behavior” (A. Saria); “Function of endogenous opioids in epilepsy and emotional control” (C. Schwarzer).

Candidates must hold or expect to obtain a Master degree (or equivalent) in life sciences, physics, chemistry, pharmacy, medicine or related fields and possess written/oral skills in English. Salary is EUR 1.851,10 gross income per month according to the FWF scale (including health insurance). Selection occurs on the basis of information submitted in the application, a web-based questionnaire and a personal on-site interview (scheduled for December 2010).

Candidates are invited to email their applications with usual documents (CV, a detailed statement of research interests, master degree certificate, transcripts, and two letters of recommendation) to:

Mag. Martina Antretter, Program Coordinator, Institute for Neuroscience, Innsbruck Medical University,  
MZA/Anichstrasse 35, A-6020 Innsbruck, Austria.

E-Mail: [SPIN@i-med.ac.at](mailto:SPIN@i-med.ac.at) Web: <http://www.neurospin.at>.  
Application deadline: 24 Oct 2010.