



The Kress Group at the Medical University of Innsbruck invites applications from highly motivated PhD students with a strong background in molecular biology and a genuine interest in imaging technologies together with image analysis and cellular bioenergetics for a project assessing the role of oxygen metabolism and relevant microRNAs for neuroregeneration. The lab offers an inspiring working environment, a wide variety of methods with state-of-the art equipment and a friendly and collaborative work atmosphere. The project will involve a multidisciplinary approach including bioinformatics, mouse genetics, high resolution microscopy and High-Resolution FluoRespirometry to study fundamental events in regenerating neurons.

**What we offer:**

- A four year fully funded position (€ 2112,40 gross/month)
- The opportunity to work together with our partner, Oroboros Instruments ([http://wiki.oroboros.at/index.php/OROBOROS\\_INSTRUMENTS](http://wiki.oroboros.at/index.php/OROBOROS_INSTRUMENTS)) with cutting edge O2k High-Resolution FluoRespirometry (mitochondrial respiration and ATP production) and exclusive O2k-NextGen methods
- Access to specialized scientific soft- and hard-skill courses and career development opportunities
- Regular meetings with leading international researchers through the Program's own scientific meetings, international lecture series and academic retreats
- Lab rotations and training exchanges with our partner schools

**How you can apply:**

Please submit your application documents in English language via email (as a single document in PDF format named "lastname\_firstname.pdf") to the following address: [spin@i-med.ac.at](mailto:spin@i-med.ac.at) **until May 4th 2018.**

**Please include:**

- An informal statement that gives insight into your qualifications, interests and motivation
- CV
- Transcripts of records or certificates of your master's degree (with indication of credit system)
- Two reference letters of at least two former supervisors or lecturers