

Philipps



Universität
Marburg

The DFG-funded research training group (GRK 2213) „Membrane Plasticity in Tissue Development and Remodeling“ studies dynamic processes at the cell membrane as an interface of cell-cell communication. The focus is on molecular signals affecting plasma membrane morphology during organ development and tissue homeostasis.

The GRK 2213 offers positions for

11 Research Assistants (PhD student positions)

salary and benefits are according to a public service position in Germany (TV-H E13, 65 %). The positions are limited to a period of 3 years starting at 01.10.2016.

Within the scope of the assigned duties the position will offer the possibility of independent scientific research, which can be used for further qualification. The GRK offers a doctoral program (in English) educating life scientists and featuring excellent research conditions, a comprehensive curriculum complemented by a broad supervision and mentoring network. The graduate students will conduct research under the supervision of internationally renowned scientists from the Faculties of Biology and Medicine of the Philipps-Universität Marburg as well as the Max-Planck-Institute Bad Nauheim.

PhD projects will address the formation of receptor and adhesion complexes, trafficking and signal transduction, actin and microtubule dynamics, phosphoinositide signaling and miRNA processing. Graduate students will gain theoretical background in research areas such as embryonic development, cell migration, metastasis, tissue homeostasis and repair with important implications for complex diseases. They will learn genetic and molecular methods and use state-of-the-art techniques like super-resolution and live-cell spinning disk confocal microscopy.

We are looking for highly motivated applicants with a Master of Science or equivalent degree in life sciences. Successful candidates are expected to have a strong background in cell/developmental/molecular biology or biochemistry and possess excellent English skills.

Please contact Katja Gessner (gessner@biologie.uni-marburg.de) for further questions. For more information on the GRK 2213 and details on how to apply see http://www.uni-marburg.de/fb17/forschung/gradkoll/gradkoll5/index_html

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome - the Philipps-Universität is certified as a family-friendly university. A reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please submit your application (as single PDF file) by 15th of July 2016 to the Philipps-Universität Marburg, GRK 2213, Prof. Dr. Annette Borchers, by email to Katja Gessner (gessner@biologie.uni-marburg.de) using the reference fb17-0015-wmz-2016.