The Institute for Biochemistry and Molecular Biology (IBMB) of the Medical Faculty of the Rheinische Friedrich Willhelms University Bonn, invites applications for a full time position as:

**Post-doctoral position / Scientist (m/f) in Mass Spectrometry Based Proteomics**

The position is available from October 1st 2017. The initial contract will be for three years. The position is full time with 38.5 h/week.

**Project description**

The IBMB seeks a highly motivated scientist for the analysis of lysosomal proteins in the context of the recently funded DFG research unit “FOR 2625: Mechanisms of Lysosomal Homeostasis”. The successful applicant will work on the analysis of posttranslational modifications of transcription factors regulating lysosomal protein expression. The project demands the application of cell biological, molecular biological as well as mass spectrometry techniques. The mass spectrometric methods will include quantitative and qualitative analysis of posttranslational modifications of proteins from medium to high complexity samples as well as targeted quantification of proteins using multiple reaction monitoring (MRM). Furthermore, the successful applicant will support the other members of the research unit with mass spectrometric analyses in the course of their diverse topics dealing with lysosome biology.

**Your profile**

- Ph.D. in biology, biochemistry, chemistry or a similar degree with a strong publication record
- Broad experience in mass spectrometry-based proteomics, preferably in the analysis of posttranslational modifications and in targeted and untargeted quantification of proteins from complex samples
- Strong communication, data visualization and presentation skills
- Good command of the English and/or German languages
- Ability to work independently and to handle several research projects in parallel
- Ability to aid in the supervision of Ph. D. students
We offer

The IBMB is providing extensive knowledge in the field of lysosomal research and mass spectrometry based proteomics. It is equipped with state of the art instrumentation for biochemical and molecular biological experiments including several mass spectrometers. It is noteworthy that, in addition to the currently existing machines, an Orbitrap Fusion mass spectrometer will be purchased in the near future and that the group recently gained access to a QTRAP 6500 triple quadrupole mass spectrometer which will be used for MRM experiments in the course of this project. The successful applicant will be part of the research group of Dr. Dominic Winter (www.winter-lab.org).

The position is currently available for a duration of three years and may be extended for an additional 3 years dependent on the outcome of the evaluation of the research unit. We offer salary according to German salary scale TV-L EG 13 (100%) and the possibility to acquire a Jobticket for transportation as well as participation in the private retirement fund program VBL for state employed personnel. The University Clinic Bonn is supporting gender equality and therefore would like to encourage applications from female scientists. Furthermore, we welcome applications of disabled applicants which will be treated favorably in case of similar qualification.

Please send your application including a cover letter describing your motivation and experience in the required topics, CV, Ph.D. and master certificates, publication record and letters of recommendation from at least 2 referees until September 30th as a single pdf document to Prof. Dr. Volkmar Gieselmann (ibmb.sekretariat@uni-bonn.de) and Dr. Dominic Winter (dominic.winter@uni-bonn.de). Please refer to the application number 327_2017.

Prof. Dr. Volker Gieselmann
Dr. Winter
Institute of Biochemistry and Molecular Biology
University of Bonn Medical Faculty
Sigmund-Freud-Str. 25
53127 Bonn, Germany
Email: ibmb.sekretariat@uni-bonn.de
dominic.winter@uni-bonn.de