

University of Augsburg – ITM labs in Garching

## A PhD fellowship/studentship

is available to study **mechanism and function of intramembrane proteases** at the Medical Faculty of the University of Augsburg.

We seek enthusiastic and motivated candidates to join our team at the newly founded **Institute of Theoretical Medicine** in Garching, close to Munich. The Institute of Theoretical Medicine (<https://www.uni-augsburg.de/de/fakultaet/med/forschung/itm/>) is a focal point for systematic basic biomedical research at the University of Augsburg.

Research at the chair of Biochemistry and Molecular Biology (<https://www.uni-augsburg.de/en/fakultaet/med/profs/biochemie/>) focuses on intramembrane proteases. They are of crucial importance for the development and diagnosis of numerous diseases. We are particularly interested in the SPP/SPPL proteases, a family of intramembrane aspartyl proteases and how they impact on tumor development and metastasis as well as on sugar metabolism and, thus, on possible effects linked to diabetes. In this context, it is also of great importance to understand how these protease act mechanistically and how their subcellular trafficking is mediated. Thus, the PhD project will on the one hand focus on specific mechanistic aspects of these proteases but also continue on understanding how SPP/SPPL proteases are regulated under physiological and pathological conditions.

### We offer:

- Excellent supervision by a dedicated advisor
- modern research facilities in an excellent environment with good funding
- a varied, responsible, and independent activity that can be shaped by your ideas and your personal commitment
- open-minded and motivated colleagues
- all advantages of the (social) benefits of the public service

**Your profile:** Recent MSc graduate in biology, biochemistry, chemistry or related field. Enthusiasm for using and developing new techniques, and the interpersonal skills to work within a diverse team of scientists.

Positions are available from March 1, 2024; interviewing will begin immediately until positions are filled.

The position is temporary with the aim of doing a doctorate and part time with up to a maximum working hours of 65%.

The University of Augsburg promotes professional equality for women. Women are expressly encouraged to apply. The University of Augsburg is particularly committed to the compatibility of family and working life. For more information, please contact the women's representative of the faculty. Disabled applicants (m/f/d) will be given preference if they otherwise have essentially the same suitability, qualifications and professional performance.

Please send application in electronic form in one single pdf-file to [Katja.Ewers@med.uni-augsburg.de](mailto:Katja.Ewers@med.uni-augsburg.de)

Applications should include curriculum vitae (Germans include copies of Abitur- & Diplom/Master-Zeugnis), a cover letter stating research and career interests and ideally the names and contact information for references.