



**Regensburg University Hospital leads the field in research, teaching and patient care.** We employ 4600 dedicated colleagues, who provide first-rate medical care for the whole of Eastern Bavaria. We offer cutting-edge medicine, and our top professionals have access to the latest and best equipment. We are committed to the highest level of medical and nursing care for our patients, and to a teamwork that respects and values our personnel.

The Department of Experimental Ophthalmology at the University Hospital Regensburg is searching with immediate effect for a

## DOCTORAL POSITION (PHD) (M/F)

TV-L 13 (65%), for at least three years

Our group is interested in the function of the complement system, a pathway of the innate immune system, in the eye. We particularly focus on the question how the complement system is dysregulated in retinal diseases and how it can be modulated as a therapeutic target. We have recently published that the complement system is locally produced and regulated in the healthy and diseased eye (BioRxiv: 413088) and showed that complement regulators could be successful objectives for intravitreal antibody therapies (Pubmed: 28676742, 27965669, 24797388).

The new team member will have the opportunity to develop a complement-targeting gene therapy in the project "Targeting Müller cells for complement modulating gene addition therapy in a mouse model for Stargardt disease type 1", which is funded by the German Research Organization (DFG). We will closely collaborate with Prof. A. Grosche at the Department of Physiological Genomics, Ludwig-Maximilians-University, Munich (Germany) and other members of the DFG priority program SPP2127.

### Requirements

- Master's degree or equivalent in Immunology, Neuroscience, Biological Science, Biomedical Engineering, or a related field
- Experience in immunology and basic immunological as well as molecular biology techniques such as ELISA, Western Blots, qPCR and cell culture techniques will be beneficial
- Enthusiastic about working in a collaborative research environment
- Highly motivated

### We offer

- Good opportunities for cooperation with the local interdisciplinary institutions and faculties also with the German Research Organization (DFG) and the Department of Physiological Genomics, Ludwig-Maximilians-University, Munich
- Support for accommodation, public transport, complimentary parking, and assistance for child support among other amenities

The post is remunerated on the TV-L salary scale (E13 65%). Preference will be given to disabled applicants with equal qualifications. Please indicate disablement in your application.

Please include a CV, brief summary of your previous work experience, a short letter of motivation, copies of university degree(s) with academic records, and two reference letters (or the referee's contact info).

### Applications by October 31, 2018 to

University Hospital Regensburg  
Dr. rer. nat. Diana Pauly  
Lab Experimental Ophthalmology  
93042 Regensburg

### For further information contact

Dr. rer. nat. Diana Pauly  
diana.pauly(at)ukr.de  
and see [www.ukr.de/jobs](http://www.ukr.de/jobs)