

The University Hospital Bonn (UKB) is a maximum-care hospital with more than 1,306 planned beds. Our more than 8,300 employees perform tasks in research, teaching and patient care as well as in public health at the highest level. In 2021, the UKB has the fourth-highest case-mix index and the best economic result of the university hospitals in Germany and is ranked first among the university hospitals in NRW in the science ranking (LOMV).

The Rheinische Friedrich-Wilhelms-Universität Bonn is an international research university with a broad spectrum of subjects. 200 years of history, around 35,000 students, more than 6,000 employees and an excellent reputation at national and international level: the University of Bonn is one of the most important universities in Germany and has been awarded the title of University of Excellence.

The Department of Ophthalmology at the University Hospital Bonn, Medical School, is looking for a

## **PhD student (m/f/d) in the Ophthalmic Epidemiology and Neuroretinal Imaging Research Unit**

The position is limited to 3 years with the possibility of extension.

The position will be supervised jointly with Population Health Sciences at the German Centre for Neurodegenerative Diseases (DZNE; principal investigator Prof. Dr. Dr. Monique Breteler) and work as part of a team conducting the ophthalmic part of a large population study implemented by the DZNE, the Rhineland Study ([www.rheinlandstudie.de](http://www.rheinlandstudie.de)). The main focus of the ophthalmic part of the Rhineland Study lies on very detailed phenotyping (i.e. deep phenotyping) of retinal ageing, preclinical changes and disease, as well as the comprehensive assessment of risk factors for onset and progression of preclinical and clinical disease. Risk factors assessed will include both genetic and environmental factors. The main interest of the research group is in age-related macular degeneration (AMD), one of the main causes for visual impairment in Germany

The PhD thesis will focus on the relationship between ageing and AMD and encompass the full breadth of scientific work.

### **Your tasks:**

---

- Scientific coordination and implementation of the ophthalmic study protocol
- Organization and supervision of study assistants and data collection
- Regular reporting, data analysis and quality management
- Preparation of scientific publications
- Communication and regular exchange with international research institutions

### **Your profile:**

---

- Completed university studies in the field of medicine, epidemiology, health sciences or equal qualification.
- Diploma or Master's degree qualifying for a doctorate
- Experience in clinical or epidemiological research is an advantage
- Work experience in ophthalmology, optometry, optics or orthoptics is desirable but not mandatory

**We offer:**

---

- A salary according to the German salary scale TV-L E13 (50%)
- A wide range of training and further education opportunities as part of a structured PhD programme in the Bonn International Graduate School ([www.bigs-clinpopscience.de/](http://www.bigs-clinpopscience.de/))
- "Jobticket" (subsidized public transport) is available

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

**Contact:**

---

Do you meet our requirements and are you looking for a varied and challenging job? Do not hesitate and send your application (by e-mail in a file up to 5 MB in size) quoting job advertisement no. XX\_2022, to: [Katia.Rudorf@ukb.uni-bonn.de](mailto:Katia.Rudorf@ukb.uni-bonn.de)

Questions about the project can be addressed to Univ.-Prof. Dr. Dr. med. Robert Finger.

**Univ.-Prof. Dr. Dr. med. Robert Finger**  
**Department of Ophthalmology**  
**University of Bonn Medical School**  
**Venusberg-Campus-1**  
**53127 Bonn**  
**E-Mail: [Robert.Finger@ukb.uni-bonn.de](mailto:Robert.Finger@ukb.uni-bonn.de)**  
**[www.ukbonn.de](http://www.ukbonn.de)**

**Follow us on Instagram:**

