

We combine excellence in research, teaching and patient care. The University Hospital Bonn is a maximum care hospital with more than 1,300 beds. With around 38 clinics and 31 institutes as well as more than 8,000 employees (over 5,000 full-time staff), the UKB is one of the largest employers in Bonn. Every year, the UKB treats around 50,000 inpatients and around 35,000 emergencies, as well as providing over 350,000 outpatient treatments.

At the Institute of Pathology, University of Bonn Medical School, Germany is available a half time position (25,025 hrs/week) at the Department for Developmental Pathology:

### PhD student (m/f/d)

The position starts as soon as possible and is available for three years with the possibility of an extension.

One research focus of our lab centers on the molecular biology of human and murine germ cell development. In particular, we develop and analyze murine models harbouring CRISPR/Cas9 mediated gene-edited alleles. Up to date, we have established several mouse lines defective in proteins related to DNA-hypercondensation as well as proteins involved in cytoskeletal processes required during male gametogenesis. As such the German Science Foundation (DFG) supports our research with a fully funded Ph.D. position.

#### Your tasks:

---

The successful candidate will engage in molecular and cellular analysis of already established murine gene edited models as well as be entrusted to develop new alleles discussed to be important in fertility. We aim to not only contribute to understand male gamete formation but also like to translate this knowledge to eventually diagnose and treat male factor infertility in man.

#### Our requirements:

---

The ideal candidate will be a highly motivated, team-oriented graduate with a strong interest in germ cells and gamete development and function. Experience with animal experimentation, cellular and molecular biology techniques is advantageous. Candidates should hold a diploma or a master's degree in life sciences/biology or a related subject

#### Our offers:

---

- We offer supportive mentoring and a well-equipped laboratory.
- The salary will be according to the German salary scale TV-L (EG 13 65%)
- A "Jobticket" (subsidized public transport) is available
- There is also a possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)

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.

Questions concerning the project can be addressed to Prof. Dr. H. Schorle:

[Hubert.schorle@ukbonn.de](mailto:Hubert.schorle@ukbonn.de)

**Kontakt:**

---

We look forward to receiving your application including a CV by 13.05.2021. Please refer to job number 167\_2021:

**Prof. Dr. Hubert Schorle**  
**Institute of Pathology/Department of Developmental Pathology**  
**University of Bonn Medical School**  
**Venusberg-Campus 1**  
**53127 Bonn**  
**Tel.: 0228-287-16342**  
**Email: [Hubert.schorle@ukbonn.de](mailto:Hubert.schorle@ukbonn.de)**  
**[www.ukbonn.de](http://www.ukbonn.de)**