



Our task is to develop sustainable livestock farming in a globalized world. Resource efficiency, taking into account local and global environmental and climate impacts, is just as much a focus as the welfare and health of animals and the safety of the food derived from them. The Research Institute for Farm Animal Biology (FBN) stands for innovative research in international, multidisciplinary teams, modern infrastructure and a family-like atmosphere. Our green, natural campus, just a few minutes' drive from the cosmopolitan seaside city of Rostock, offers our employees an attractive working environment.

The **Institute of Genome Biology** invites applications for a

**PhD student position (m/f/d)**

**for 36 months starting at the earliest possible date.**

The salary is according to pay group E 13 (TV-L 65%).

**Reference number: 2023-08**

**What to expect:**

The project in which the candidate will be involved is part of a collaborative project with the University of Torun, Poland, and is funded by the German Research Foundation (DFG). The project aims to investigate the hepatoprotective effect of medicinal herbs to counteract hepatotoxic effects of accidental contamination of feed with aflatoxin B1 (AFB1). The tasks within the PhD project include conducting transcriptome analyses (RNA-seq) in liver samples of piglets and in cell culture material including bioinformatic analyses, as well as the integrated analysis with data of the project partners.

**Required qualification and general skills**

- Master's degree, diploma or comparable qualification in animal science or veterinary medicine or related life sciences
- Ability to plan, organize and conduct wet-lab experiments.
- Ability to present and publish the research results.
- High motivation and ability to work in a team as well as very good English skills (oral and written) are essential.

**Additional beneficial qualifications and skills**

- Interest and experience in genetics and genomics of farm animals.
- Experience with statistical software as well as NGS data analysis.

**What we offer:**

- Multifaceted and challenging research tasks in a performance-oriented and family-friendly environment.
- Modern equipment and integration in a highly committed research team and an international network of animal research institutions as a doctoral student.
- Employment conditions according to the provisions of Tarifvertrag für den öffentlichen Dienst der Länder (TV-L).
- A structured onboarding and assistance with formal issues while settling into the new living environment.

The FBN is an internationally-oriented research institute performing basic and applied research on the biology of farmed animals. Since equal opportunities and diversity are important components of our personnel policy, we welcome applicants from all backgrounds. Candidates with disabilities will be given preference in case of equal qualifications and capacity to complete the project.

For informal inquiries please contact **Prof. K. Wimmers** (wimmers@fbn-dummerstorf.de, phone +49-(0)38208-68600).

We look forward to your application. Please send applications (single pdf-file preferred), including motivation letter, detailed CV, copies of diplomas and certificates, and the contact information of references to: [personal@fbn-dummerstorf.de](mailto:personal@fbn-dummerstorf.de).

Please be sure to quote the job number **2023-08** in your application. The application process remains open until the position is filled.

Finally, it should be noted that we are not allowed to reimburse application or travel expenses in connection with the application. By submitting your application, you consent to the processing of your personal data for the purpose of the application procedure.

For more information about the FBN, please visit [www.fbn-dummerstorf.de](http://www.fbn-dummerstorf.de).

