

# Stellenausschreibung

## Art der ausgeschriebenen Position

- wissenschaftlich
- administrativ

## Zielgruppe

- Graduierte
- Postdoktoranden
- weitere

Titel

**Doktorand:in (m/w/d)**

Zur Institution

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 and a modern research infrastructure. Our green, natural campus is just a short drive from the lively coastal city of Rostock.

Zur Position

The Competence Area 'Genetics and Genomics' invites applications for a

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

The position will start on April 1, 2024 for a limited period of 36 months.

If the personal and collective agreement requirements are met, the payment will be in accordance with the collective agreement for the federal states (TV-L), pay grade

**E 13 TV-L (65%)**

Aufgaben

### **Your Tasks:**

As part of a DFG-funded project, we are looking for dedicated PhD students to use the latest methods of bulk and single-cell ATAC-seq analysis to identify and characterize epigenetic mechanisms to understand the phenomenon of fetal programming in chickens. Environmental influences lead to permanent, partially heritable changes in gene activity and resilience traits. This molecular memory is based on epigenetic changes in the genome. In our project, the bioinformatics integration of omics data, metabolic and physiological measurements will be used to investigate the effects of variable incubation temperatures in broilers and layers to improve the productive adaptability of the animals.

Anforderungsprofil

### **Your Qualifications:**

- Master's degree or equivalent qualification in the fields of veterinary medicine, animal sciences, biostatistics and life sciences.

- Basic knowledge of genetics, biostatistics/bioinformatics and programming skills in R or SAS are an advantage.
- A highly motivated team player and good English language skills (oral and written) are essential.

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## Zur Bewerbung (Fristen etc.)

### What we offer:

- Multifaceted and challenging research tasks in a performance-oriented and family-friendly environment
- Modern equipment and integration in a network of European key pig research institutions as a doctoral student
- Employment conditions according to the provisions of Tarifvertrag für den öffentlichen Dienst der Länder (TV-L)
- Participation in the company pension scheme (VBL)
- 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. As equal opportunities and diversity are important components of our HR policy, we welcome applicants from all backgrounds.

For informal inquiries please contact **Dr. Siriluck Wimmers** (s.wimmers@fbn-dummerstorf.de, phone +49-(0)38208-68703).

We look forward to your application.

Please send applications (single pdf-file preferred), including a motivation letter, detailed CV, copies of diplomas and certificates, and the contact information of references to: **personal@fbn-dummerstorf.de**.

Please quote the job number **2024-05** in your application.

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 us online:

[www.fbn-dummerstorf.de](http://www.fbn-dummerstorf.de)

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