



Innovative research at the interplay of the bio economy, agriculture, environmental and climate protection as well as animal welfare and animal health - the Research Institute for Farm Animal Biology (FBN) offers ca. 300 employees the opportunity to conduct interdisciplinary basic and applied research. Developing sustainable livestock farming in a globalized world is a complex task. Efficiency and conservation of resources, taking into account local and global environmental and climate impacts are just as much in focus as the welfare and health of the animals and the safety of the food obtained from them.

The Research Institute for Farm Animal Biology (FBN) stands for excellent research in international, multidisciplinary teams, modern infrastructure and a colloquial atmosphere. Our green, natural campus near Rostock, a cosmopolitan city by the sea, offers our employees an attractive working environment in which they are valued and respected.

The **Institute of Genetics and Biometry** is looking for a

Research Scientist (m/f/d)

for a limited period of 3 years in full-time starting at the earliest possible date.

If the personal and collective agreement requirements are met, the salary will be paid according to

Pay group E 13 TV-L

What to expect:

The candidate will contribute their expertise to scientific projects and further tasks of the research group "Statistics in Genomics". One focus of this group is the development and evaluation of statistical tools for the analysis of high-dimensional biological data (e.g., of the genome or methylome) to identify associations with health and performance traits in livestock and to establish experimental designs for fine mapping of trait-associated variants. In addition to theoretically based findings, appropriate software packages and pipelines are generated for practical application. The pursuit of own research topics within this framework is supported.

What to bring:

The candidate has a PhD in biomathematics, agricultural sciences (major in animal or plant breeding), or a related bioscience discipline with a statistical focus. The candidate has in-depth experience with high-dimensional data modelling and is familiar with molecular genetic data and their application in statistical modelling. Knowledge of programming (e.g., R, C++, Fortran) and preparation of software pipelines is essential. Excellent oral and written communication skills in English and willingness to solicit external funding and publish research results are required.

What we offer:

At the FBN, a committed and multidisciplinary team welcomes you. With us decision paths are short, agreements are binding and reliable. We support you not only with a structured onboarding, but also with your questions about arriving and feeling at home in the Rostock region. In addition to the benefits of employment in the public sector, such as the additional pension scheme (VBL), we are proud of our certified family-friendliness. Flexible working hours and the possibility to mobile working are self-evident for us. Thanks to our cooperation with the local kindergarten and parent-child rooms, employees with children can also find optimal working conditions with us. Our Dummerstorf site is located in a rural idyll just a few minutes' drive from the Hanseatic and university city of Rostock, where you can spend the evening on the white Baltic Sea beach or in the lively centre with its numerous restaurants, museums and stages.

If you would like to become part of our team, we look forward to receiving your application. The FBN aims to raise the female representation and is urgently inviting women to apply. Applications from disabled people are explicitly welcome.

For further information, please contact PD Dr Dörte Wittenburg (wittenburg@fbn-dummerstorf.de, phone +49 38 208/68 930).

Please send us your application only by e-mail to: personal@fbn-dummerstorf.de.

Please be sure to quote the job number **2023-11** 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 www.fbn-dummerstorf.de.

