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 research group of Epigenetic, metabolism and longevity is looking for a

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

The employment is limited for 36 months and is remunerated in accordance with the collective agreement (TV-L) according to Pay group TV-L-13, 65%.

**What to expect:**
We offer the opportunity for research and own qualification to further investigate our understanding in promoting health span in mice and/or flies by using novel approaches such as the optogenetic mtON or drug intervention. We apply various techniques such as frailty behavior, biochemistry, optogenetics, and others to specifically improve the health and reproductive lifespan of our unique giant mice. Additionally, we characterize relevant molecular alterations in flies and cell cultures to deduce implications for productive lifespan and functional longevity in farm animals.

**What to bring:**
- Master’s degree, diploma or comparable qualification in biology or related fields is mandatory
- Advanced knowledge of mice handling, fly work or cell culture is desired
- Interest in deciphering connections between metabolism or optogenetic or health of females
- Experience in molecular methods is desirable
- High motivation and ability to work in a team as well as very good English skills (oral and written) are essential

**What we offer:**
Our lab invites candidates to apply for a PhD position in a fascinating and novel research avenue and offers further development of bioinformatics, animal handling and biochemistry skills - a great opportunity to start a scientific career in biochemistry.

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. Since equal opportunities and diversity are important components of our personnel policy, we welcome applicants from all backgrounds. Applications from severely disabled persons are explicitly welcome.
For further information, please contact Dr. Shahaf Peleg (peleg@fbn-dummerstorf.de; ☎ 038208 / 68 921).

Please send us your application as a .pdf document to the following e-mail address: personal@fbn-dummerstorf.de.

Please be sure to quote the job number **2023-16** 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](http://www.fbn-dummerstorf.de).