The Leibniz Institute for Farm Animal Biology (FBN) is a foundation under public law and member of the Leibniz Association. The Institute with approximately 300 employees is performing fundamental and applied research in the field of the biology of farmed animals. The Institute provides an interdisciplinary research environment and excellent experimental and analytical facilities.

The Institute of Reproductive Biology invites applications for a

**Postdoctoral Researcher in the field of Bioinformatics/Molecular Biology (m/f/d)**
for a fixed term of 22 months

**Reference number: 2020-08**

**Task Description:**
The applicant will work as member of our team leading WP5 “Epigenetics and environmental impact” of the EU H2020 funded project BovReg. The project seeks to understand epigenetic differentiation (ncRNA, DNA methylation, chromatin structure) in bovine cells, tissues, sperm and embryos under normal conditions and environmental stressors. Through the use of high throughput RNaseq, WGBS, RRBS and ATACseq approaches, epigenetic imprints will be mapped in the bovine genome. The candidate will be working in a team and in an international environment. Main tasks of the candidate will be the generation and bioinformatics evaluation of high throughput data.

**Requirements:**
The highly motivated and qualified candidate will hold a PhD/doctoral degree in (molecular) biology, biochemistry, animal science, veterinary science or a related field. Practical experience in NGS data handling and bioinformatics evaluation are required. We ask for a team player with good English language skills striving for publication of results in international journals.

**We offer:**
- Membership in an exciting scientific network project with excellent international partners
- Comprehensive modern facilities and equipment for cell culture, in vitro embryo production and molecular biology techniques (e.g. qPCR, next generation sequencing, cell imaging)
- Multifaceted and challenging research tasks in a performance-oriented and family-friendly environment
- Modern equipment and integration in international and national research projects
- Employment conditions according to the provisions of Tarifvertrag für den öffentlichen Dienst der Länder (TV-L), remuneration at the level of salary grade 13 TV-L
- Participation in the company pension scheme (VBL)
- Assistance with formal issues while settling into the new living environment

We are an internationally-oriented research institute. The compatibility of career and family is one of our aims. The Institute is committed to increase the proportion of women in areas where they are under-represented and suitably qualified women are encouraged to apply. Candidates with disabilities will be given preference in the case of equal qualifications and capacity to complete the project. We explicitly encourage applications from international candidates. Candidates must fulfill the requirements for temporal contracts according to § 2 WissZeitVG.

Application and travel expenses in the context of the application cannot be reimbursed. By submitting your application, you consent to the processing of your personal data for the purpose of the application procedure.

For detailed information please contact Dr. J. Vanselow (vanselow@fbn-dummerstorf.de, ☏ 038208/68 750).

Your application should include the reference number, a motivation letter, curriculum vitae, addresses of two referees, publication list and copies of relevant documents. We welcome your application to:

Leibniz Institute for Farm Animal Biology (FBN)
Verwaltung (St.Nr: 2020-08)
Wilhelm-Stahl-Allee 2
18196 Dummerstorf
Germany

or per e-mail to: personal@fbn-dummerstorf.de

The selection process is starting now and will be continued until staffing.
Further information can be found under www.fbn-dummerstorf.de.