



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

The Institute of Nutritional Physiology invites applications for a

Marie Skłodowska-Curie Early Stage Researcher (ESR) (m/f/d)
(MSC Grant agreement no. 955374)
for 36 months starting preferable 1st of February 2021

Reference number: 2020-17

Task Description:

Gastrointestinal nematode infections (GNIs) are common in laying hens. As GNIs impair host animal performance, development of effective immune responses to eliminate parasites may imply a trade-off for the allocation of nutrient resources between health/defence and performance traits. The task comprises the participation in a collaborative project funded in the framework of the European Training Network MonoGutHealth (H2020-MSCA-ITN-2020: Training and research for sustainable solutions to support and sustain gut health and reduce losses in monogastric livestock). The appointee will investigate GNI-induced alterations in metabolite profiles of chickens to seek for novel proxies with key roles in exchange between defence and performance parameters. The appointee will also participate in training and secondments at other European research institutions and receive a doctoral degree from a German University.

Requirements:

We are looking for an international ESR (within first 4 years (full-time equivalent research experience) of their research careers with no doctoral degree) with a master degree in veterinary medicine, animal sciences, biology, biochemistry or nutritional sciences. Applicants should not have resided or performed their main activity (work, studies, etc.) in Germany for more than 12 months in the 3 year-period immediately prior to the start date of the doctoral research. Basic knowledge on gastrointestinal physiology and biochemistry is essential. Candidates with experience in parasitology, metabolomics, or statistical analyses are further encouraged to apply. Applicants must show their ability to understand and express themselves in both written and spoken English sufficient to derive the full benefit from the network training.

We offer

- Multifaceted and challenging research tasks in a performance-oriented and family-friendly environment
- Modern equipment and integration in a Marie-Sklodowska-Curie-Network as a doctoral student
- Employment conditions according to the provisions of Tarifvertrag für den öffentlichen Dienst der Länder (TV-L), remuneration at the level of **61% of salary grade 13 TV-L**
- Assistance with formal issues while settling into the new living environment

We are an international-oriented research institute focusing on basic and applied research of the biology of domestic livestock. 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. Applicants with disabilities will be given preference in the case of equal qualifications and capacity to complete the project.

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 informal inquiries please contact Dr. Gürbüz Daş (phone +49-(0)38208-68672, gdas@fbn-dummerstorf.de) or Prof. Dr. Cornelia Metges (metges@fbn-dummerstorf.de). Further information can be found under www.fbn-dummerstorf.de.

Apply with a complete, detailed CV, copies of University Bachelor/Master certificates or equivalent, contact details of 2 references and a motivation letter. The selection process is starting now.

Points to be included in the motivation letter (maximum 600 words):

- Describe what about the position interests you, why you want to apply and should be considered for the ESR position.
- Indicate why you want to pursue a PhD project and not take a job in industry.
- Explain why you think it is important to improve animal welfare and efficiency in livestock production.
- Describe your experience in working with experimental animals, if any, and why animal experiments are necessary.
- An internationally recognised English language test (TOEFL test or ILCS test) is desirable.

Leibniz-Institut für Nutztierbiologie
Verwaltung (St.-Nr. 2020-17)
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18196 Dummerstorf
Germany

or to: personal@fbn-dummerstorf.de
Subject: **Verwaltung (St.-Nr. 2020-17)**