

The *Physiology & Hygiene Research Unit* in the Institute of Animal Science (ITW), University of Bonn, Germany, invites applications for the following position:

Scientific Assistant / Post Doc (100%) „Livestock Physiology“

We seek a candidate to explore the options and limits of adaptation to high performance primarily in dairy cows. The research focus shall be on the hormonal regulation of metabolism. The target variables in body fluids and tissues will be characterized by biochemical, immunochemical and molecular biological methods in physiological and pathophysiological situations to develop ideas for sustaining animal health, welfare and efficiency of production. The elaboration and validation of adequate methods and the development and modification of assay protocols is a prerequisite. Experience in experimental design and in conducting experiments with large animals is desired.

- Your profile:**
- Diploma or MSc in Animal Science, Veterinary Medicine, Human Nutrition, Biology or related disciplines
 - Doctorate or PhD degree in the field of Mammalian Physiology, preferably Livestock/Ruminant Physiology
 - Experience in modern molecular biological (mainly qPCR), protein-chemical and immunological laboratory techniques
 - A publication record in peer-reviewed, international journals
 - demonstrated skills in statistics and interest to develop expertise for evaluating “omics” data
 - Fluent in English (both in oral and written scientific communication)
 - experience in applying for competitive, external funding and in project management is desired
 - Motivation and willingness to coordinate a working group
 - Willingness to give lectures and supervise practicals and seminars with a teaching load of 4 hours per week during semester terms
 - Motivation to qualify for and to complete a professional dissertation (“Habilitation”)

Salary and benefits will be according to the public service position E13 TV-L (State of North-Rhine Westphalia, Germany). The selected candidate is also eligible to apply for a VRS-ticket for the public transportation system.

Deadline for Applikation, April, 30th, 2017

Start of the position: June 1st, 2017 (or by arrangement)

Contract duration: 3 years. Extending the contract is desired and is possible within the legal frame of the „WissZeitVG“ as a general rule for another 3 years if good progress with publications is achieved.

The University of Bonn is an equal opportunities employer. Further information can be provided by Prof. Dr. Helga Sauerwein (sauerwein@uni-bonn.de).

Applicants are requested to send their documents (letter of motivation, detailed CV, list of publications, certificates and 2 supporting letters) by electronic mail in one pdf-File to Prof. Sauerwein, reference number 21-17-3.13.