



The University of Veterinary Medicine Hannover (TiHo) combines modern science with university tradition.

As a world-renowned university of veterinary medicine, the TiHo offers a diverse and forwardlooking range of tasks in the field of teaching, research and services. More than 1,000 employees work in the institutes, clinics and administration of the TiHo.



The TiHo as an employer

- *We are a cosmopolitan university.*
- *In veterinary medicine we occupy a top position worldwide.*
- *The satisfaction of our employees is a cause close to our heart.*
- *We offer an exciting and varied working environment.*

PostDoc for Bioinformatics (m/f/d)

EG 13 or 14 TV-L, dependent on qualification; full-time term contract (39,8hrs) for 3 years

At the Institute for Animal Genomics. Starting date: earliest possible date

Area of responsibility

The Institute for Animal Genomics is looking for a qualified person to strengthen the newly founded team of the work group „Veterinary Functional Genomics“, which aims at linking innovative and future-oriented basic research with translational applied research in Animal Breeding and Genomics. The work group is interested in the genetic architecture of the genome in livestock and pets, and its role in the development of phenotypic traits. PREGROW-project aims to provide a single nuclei transcriptional profile (single cell-seq) of the pituitary and its downstream targets in miniature-sized and larger-sized pigs as a model for prepubescent growth control. This approach is meant to meet a big challenge we encounter in research work on growth: Body size is a whole-organism phenotype with many different tissues involved, and the variant effects are expected to be complex. For this reason, PREGROW aims at studying the genetic landscape of growth-axis-related tissues in the pig, providing a genetic resource for deciphering mechanisms of gene interplay, and underlying variant effects.

The study will be conducted in collaboration with Prof. Dr. med. Spielmann, Institute for Human Genetics of the University of Lübeck and the University of Kiel.

The project offers opportunities for independent project applications and options to qualify for the German **Habilitation**.

Recruitment requirements

PhD or Dr. in Veterinary Medicine, Biology, Bioinformatics or similar

Required professional knowledge and personal skills

- Excellent skills in genetics and genomics
- At least 3 years experience in bioinformatics
- Skilled in bioinformatic methods for analysis of sequencing data
- Very good written and spoken English skills
- Ability to work in a team, readiness to take on responsibility

What we offer

- Special annual bonus
- Flexible working hours
- 30 days holiday
- Additional retirement arrangement: Pension Institution of the Federal Republic and the Federal States (the company pension of the public service)
- Staff canteen with discount meal offers
- Participation in university sports at a discount
- Targeted further education and training opportunities
- Family friendliness
- Appreciative working atmosphere with contemporary management culture

The employment relationship is subject to the public sector collective agreement on the federal states (TV-L). Severely disabled applicants will be given priority in the case of equal suitability. The University of Veterinary Medicine Hannover particularly wants to promote the professional equality of men and women. Therefore, it strives to increase the underrepresented gender in the respective area.

Contact

For further information, please contact Prof. Dr. Metzger, +49 511 953-8876. Applications with the usual documents can be submitted only via our online portal until June 24, 2024.

The application documents will be destroyed after completion of the personnel selection process.

Your personal data will be treated confidentially. You can find info on this at www.tiho-hannover.de/ds-bew.

