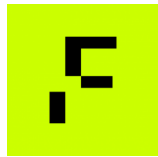


Freie Universität Berlin - Fachbereich Veterinärmedizin - Institut für Parasitologie und Tropenveterinärmedizin



Who We Are: At the Institute of Parasitology and Tropical Veterinary Medicine, a postdoctoral researcher position is available within an international research project aimed at developing innovative in vitro methods for the study of ticks and tick-borne pathogens. The project focuses on the development of artificial tick feeding systems, novel screening approaches for the identification of acaricides, and in vitro models to investigate the transmission of tick-borne pathogens.

Research assistant (postdoc) (f/m/d)

full-time job limited to 31.10.2028 salary grade (Entgeltgruppe) 13 TV-L FU reference code: 0813 WiMi Postdoc ATFS

City: Berlin; Starting date (earliest): At the earliest possible; Duration: befristet bis 31.10.2028; Remuneration: Entgeltgruppe 13 TV-L FU; Reference number: 0813 WiMi Postdoc ATFS; Closing date: 31/08/26

Tasks

Job description:

Independently conduct a research project focused on the development and optimization of artificial tick feeding systems. Develop, establish, and validate in vitro models for investigating the transmission of tick-borne pathogens. Perform molecular, microbiological, and parasitological analyses, including qPCR, cell culture, and microbiological assays. Plan, conduct, and analyze scientific experiments, including statistical evaluation of experimental data.

Contribute to the preparation of scientific publications and project reports. Collaborate closely with national and international academic and industrial project partners.

Requirements

Requirements:

Completed university degree (Master's degree or equivalent) in Veterinary Medicine, Biology, Biotechnology, or a related life sciences discipline.

Completed doctoral degree (PhD, Dr. med. vet., Dr. rer. nat., or equivalent) in a relevant field.

(Professional) Experience:

Demonstrated experience in planning and conducting scientific research projects. Practical experience with molecular biology techniques and cell culture methods. Experience in the analysis of scientific data and the preparation of scientific publications in English.

Excellent written and spoken English communication skills.

Desirable:

Research experience in parasitology, vector biology, microbiology, infectious disease

biology, or a related field.

Experience working with ticks or other hematophagous (blood-feeding) arthropods. Knowledge of artificial feeding systems, vector-host-pathogen interactions, and/or in vitro infection models. Experience with statistical data analysis (e.g., using R) and/or bioinformatics.

Strong interest in developing innovative in vitro methods and artificial tick feeding systems in accordance with the 3Rs principle (Replacement, Reduction, and Refinement). Ability to work independently in a structured and organized manner, while contributing effectively to a collaborative team environment.

Excellent communication skills and a willingness to work in an international and interdisciplinary research team. Good command of German or a willingness to acquire German language skills within a reasonable timeframe.

Application

Applications should be sent by e-mail, together with significant documents, indicating the **reference code, no later than August 31st, 2026** in PDF format (preferably as one document) to Prof. Dr. Ard Nijhof: ard.nijhof@fu-berlin.de or postal to

Freie Universität Berlin
Fachbereich Veterinärmedizin
Institut für Parasitologie und Tropenveterinärmedizin
Herrn Prof. Dr. Ard Nijhof
Robert-von-Ostertag-Str. 7
Haus 35, 14163 Berlin (Düppel)

With an electronic application, you acknowledge that FU Berlin saves and processes your data. FU Berlin cannot guarantee the security of your personal data if you send your application over an unencrypted connection.

Freie Universität Berlin is an equal opportunity employer.

More information at <https://stellenticket.de/206499/BUA/>
Offer visible until 31/08/26

