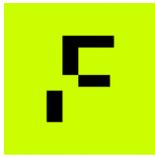


Freie Universität Berlin - Fachbereich Veterinärmedizin - Institut für Immunologie



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

full-time job job limited to 5 years salary grade (Entgeltgruppe) 13 TV-L FU reference code: GRK3096-PD

City: Berlin; Starting date (earliest): At the earliest possible; Duration: befristet auf 5 Jahre; Remuneration: Entgeltgruppe 13 TV-L FU; Reference number: GRK3096-PD; Closing date: 16/03/26

Tasks

The scientific interest of the Institute of Immunology is the interaction between the immune system and infectious agents. Within the group of pathogens, we focus on infections with parasitic worms. Our research concentrates on immune mechanisms that enable the parasites to survive chronically in infected hosts. The long-term goal is to understand the chronic survival of parasitic worms in their hosts and to develop intervention strategies against these widespread infectious agents of humans and animals. The infectious agents we focus on are parasitic worms (helminths). Here, we analyze the immune responses locally, at the site of infection and systemically in response to infections with intestinal roundworms (nematodes). Within the nematodes, we mainly concentrate on the rodent nematode *Heligmosomoides polygyrus* and the pig roundworm *Ascaris suum* which is also extremely prevalent in humans. The rodent and the pig infection are widespread, natural intestinal infections, whereby *Ascaris* spp. is characterized by the fact that this nematode migrates extensively through the body and *H. polygyrus* only resides in the intestine.

Job description:

Within the framework of the Research Training Group (RTG) 3096 “One Health Approach to Soil-Transmitted Helminths” we are hiring a postdoc responsible for a longitudinal field study in Bungoma County, Kenya and supporting the RTG 3096 PhD projects during their short- time stays in Kenya.

The field study comprises sampling and analyses of stool and blood of school going children in Bungoma County. Parasitological fecal sample analyses in cooperation with KEMRI Global Health in Kisumu. Immunological blood sample analyses in cooperation with the KEMRI- Wellcome Trust, Kilifi via Flow Cytometry, Fluorospot, ELISPOT, ELISA, antibody serology and Multiplex-qPCR. The postdoc will reside half a year in Berlin, Germany, and half a year in Kenya. In addition, local travel by car in Kenya (different schools, different authorities, different scientific institutes) is necessary. The postdoc will

be principal investigator of the ethical approval. In addition, communication with study subjects, local school staff and headteachers, local social workers and authorities are within the scope of responsibilities. Further, the postdoc will co-supervise two RTG 3096-associated PhD students who will primarily work in Kenya (Nairobi, Kilifi).

Requirements

Requirements:

- Completed doctorate (Dr. med. vet., Dr. rer. nat., Ph.D. or similar)

Desirable:

- excellent knowledge of the English language - written and oral
- extensive knowledge in Parasitology (specifically helminths) and Immunology corresponding to the above-mentioned methods
- Driving license
- Language skills of the local language Kiswahili
- ideally knowledge of Kenyan authorities, transport system and local environment
- Knowledge in microbiology methods
- good communication skills for interacting with local Kenyan people and authorities
- excellent skills to work independently

Further Information about RTG 3096:

(<https://www.vetmed.fuberlin.de/en/einrichtungen/sonstige/grk3096/index.html>)

Application

Applications should be sent by e-mail, together with significant documents (complete CV incl. all certificates, letter of motivation, references), indicating the **reference code, no later than 16th march, 2026** in PDF format (preferably as one document) to Prof. Dr. Susanne Hartmann: grk3096@vetmed.fu-berlin.de or postal to

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Fachbereich Biologie, Chemie, Pharmazie
Institut für Pharmazie
Drittmittelprojekt ONEMUC
Prof. Dr. Daniel Lauster
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14195 Berlin (Dahlem)

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/201863/BUA/>
Offer visible until 16/03/26

