

# Department of Veterinary Medicine

## Institute for Immunology

**Research assistant (Postdoc)**

**Full-time position**

**Limited to 3 years**

**Entgeltgruppe (payment grade) 13 TV-L FU**

**Reference code: WE 06 / 2018**

### **Job description:**

German Research Foundation (DFG) third-party funded project: Tissue-resident Th2 memory cells in helminth infections.

This includes characterizing Th2 CD4<sup>+</sup> memory cells in nematode infections in lymphoid and non-lymphoid tissues, the reactivation of Th2 CD4<sup>+</sup> memory cells upon secondary infection and their contribution to protective immune responses. A further aim is to decipher the functional differences of Th2 CD4<sup>+</sup> memory cells elicited by vaccination versus infection and to better understand the role of the intestinal microbiota in the generation of protective Th2 memory cells against enteric helminths.

### **Requirements:**

Veterinary medical license or a completed university degree in biology or biotechnology (Bachelor/ Master) and a doctorate, ideally with a focus in immunology.

### **Desirable:**

The ability to conduct independent scientific research and to implement the results in publications. Long-term working experience with laboratory mice, possession of the FELASA-B certificate (or equivalent), experience in isolating immune cell populations from different tissues, in-depth knowledge of flow cytometry and cell sorting, phenotyping and functional characterization of immune cells based on their cytokine/chemokine, transcription factor and receptor expression as well as wide-ranging experience with primary cell cultures, cell transfer and cell migration studies

Full applications, quoting the reference code, should be sent no later than **06.08.2018** to:

Freie Universität Berlin  
Fachbereich Veterinärmedizin  
Institut für Immunologie  
Frau Prof. Dr. Susanne Hartmann  
Robert von Ostertag-Str. 7-13; Haus 35  
14163 Berlin (Düppel)