

The Institute of Immunology, Department of Pathobiology, University of Veterinary Medicine, Vienna is looking for a

PhD candidate for a project on the porcine T-cell response against *Salmonella*

Length of employment: 3 years; starting date: immediately
Deadline for applications: 19th December 2016

Job description

Salmonella Typhimurium is a common pathogen in pig production. It threatens human health via the consumption of contaminated meat, making a control of the pathogen in pigs highly desirable. Therefore, this PhD-project will address the immune response of porcine T cells against *Salmonella* Typhimurium following infection and/ or vaccination, thereby investigating their potential role in protection. The successful applicant will join an experienced team of experts in swine immunology and will have the opportunity to obtain skills in a wide spectrum of laboratory techniques. The project also offers the possibility to establish contacts with an industry partner. The successful applicant will become a member of the Graduate School for Pig and Poultry Medicine (PaP) <http://www.vetmeduni.ac.at/de/graduate-school-pig-and-poultry-medicine/> at the Vetmeduni Vienna, which includes advanced training on all aspects of infectious diseases in pigs and poultry.

Requirements

- Completed Master study in veterinary medicine or equivalent
- Sound knowledge in basic immunology
- Ability to work as part of a team as well as independently
- Excellent communication skills in spoken and written English (B2-Level)
- Dedication to both laboratory work and work with animals is essential
- First experience in laboratory work, preferably flow cytometry, is an asset.

Address for application documents (preferably by E-Mail) and contact for further information:

University of Veterinary Medicine Vienna
Institute of Immunology
Asst. Prof. Dr. Wilhelm Gerner
Veterinaerplatz 1
1210 Vienna
Austria
Phone: +43 1 25077 2753
E-Mail: wilhelm.gerner@vetmeduni.ac.at