

Institute of Microbiology, Department of Pathobiology,

Ph.D. Position

The Institute of Microbiology at University of Veterinary Medicine Vienna conducts research at the interface between animal health and food safety. Current research projects focus on the understanding of pathometabolism and persistence mechanisms of toxigenic bacteria. A Ph.D. position is available to study the pathomechanisms in the toxigenic bacteria *Bacillus cereus*. Methods applied will include molecular cloning/knockout techniques, Omics-technologies, and cell culture. The candidate will contribute to scientific publications and diagnostic services and participate in the education of students. The position is funded for 4 years. The selected candidate is expected to complete a Ph.D. thesis within the time frame of this project.

We are looking for highly motivated, enthusiastic, and driven students to join our lab and work with us to understand the complex regulatory circuits orchestrating metabolism and virulence development in toxigenic bacteria.

The ideal candidates should hold a Master's degree in life sciences, biomedicine, or biochemistry. Preference will be given to applicants with experience in microbiological and molecular techniques. Experience in cell biology is an asset. Very good knowledge of English is essential since oral and written language proficiency in English is required for external communication. The candidate should be interested in applied research, show an independent working style, and be a team player. We provide an excellent laboratory environment and integration in a dynamic interdisciplinary research team.

Screening of applicants will start on September 30, 2023, and will continue until the position is filled. The successful candidates will be expected to **start** their projects **between November 1, 2023, and March 1, 2024**. The position is funded for **4 years**. The selected candidate is expected to complete a Ph.D. thesis within the time frame of this project.

Further Information: Prof. Dr. Monika Ehling-Schulz (monika.ehling-schulz@vetmeduni.ac.at).



Are you interested? Please send your application (only pdf-files!), including a detailed CV accompanied by a letter of application and the names and contact details of two referees, quoting **reference number 2023/0284** via e-mail to **bewerbungen@vetmeduni.ac.at**. Please do not forget to include the reference number, or we will not be able to assign your application to the correct position.