



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN

MAX VON PETTENKOFER-INSTITUT  
LEHRSTUHL MEDIZINISCHE MIKROBIOLOGIE UND  
KRANKENHAUSHYGIENE



We are offering at the Max von Pettenkofer Institute – Institute for Medical Microbiology and Hygiene – of Ludwig-Maximilians-Universität München, a position as

Ph.D. trainee/researcher/student TV-L E13 (65%)

The Ph.D. position will be available from September-October 2023 at the Max von Pettenkofer Institute (Munich city center), within the framework of the graduate program: Infection Research on Human Pathogens@MvPI.

We are seeking you, a highly motivated individual with high interest in scientific work, who would like to perform your Ph.D. in an interdisciplinary and international environment. We anticipate you to be an applicant with an excellent previous scientific training, very good communication skills, and the ability to work as part of a team as well as self-motivated. We offer an excellent, friendly, interactive, open and safe research environment, where you can bring in your own ideas, access to a wide variety of techniques, and the possibility to participate in a structured graduate program of LMU, including lectures, seminars, and skills courses. Feel addressed if you apply with a (soon-to-be) completed undergraduate degree (Master or equivalent) in human biology, immunology, microbiology, biochemistry, the life sciences, or natural sciences.

In your PhD, you will contribute to a project on cell-autonomous immune defence against and immune modulation by chronic and acute pathogens, including GI tract bacteria such as the stomach pathogen *Helicobacter pylori*. The project will have a main focus on proteins and metabolites important for pathogen interactions with the innate immune system, and will be conducted in the lab of Prof. Dr. Christine Josenhans, jointly mentored by a Thesis Advisory Committee. Prior experience in molecular biology, protein sciences, and infection immunology will be beneficial for successfully conducting the project. Expertise in microbiology and host-pathogen interaction will also be considered a plus.

Detailed information about the Max von Pettenkofer Institute are available online at: <http://www.mvp.uni-muenchen.de/startseite/>. LMU Munich promotes an environment of gender equality and diversity.

Please email your complete application documents, including your CV and complete transcripts of records, letter of motivation, and two references, until 31<sup>st</sup> of August, 2023, to:

PhD.Infection@mvp.lmu.de  
Max von Pettenkofer Institute  
Ludwig Maximilians-Universität München  
Lehrstuhl, Medizinische Mikrobiologie und Hygiene  
Pettenkoferstr. 9a, 80336 München  
For scientific questions, please contact Prof. C. Josenhans  
by email: josenhans@mvp.lmu.de

Complete applications should be submitted, if possible, as one single pdf file not exceeding 10 MB.