



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

MAX VON PETTENKOFER-INSTITUT
LEHRSTUHL MEDIZINISCHE MIKROBIOLOGIE UND
KRANKENHAUSHYGIENE



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

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

The position will be available from May 2025 or later at the Max von Pettenkofer Institute (located in Munich city center).

The successful applicant will participate in the postgraduate program "Infection Research on Human Pathogens@MVPI". The doctoral research project will be performed in the group of Prof. Dr. Sebastian Suerbaum and address questions related to the genomic and epigenomics adaptation of the carcinogenic bacterial stomach pathogen *Helicobacter pylori* to its individual human host, using a combination of State of the Art genomic analysis with diverse molecular experimental approaches.

We are seeking a highly motivated young researcher, who would like to perform a Ph.D. thesis in an interdisciplinary and international environment. We anticipate applicants with an excellent previous scientific training, very good communication skills, and the ability to work independently and as part of a team. We offer an excellent research environment, access to a wide variety of techniques, and the possibility to participate in the structured graduate program of MvPI and LMU, including focused lectures, seminars, and skills courses. Applicants with a completed undergraduate degree (Master or equivalent) in the life sciences, biomedical or natural sciences will be considered.

Experience in microbiology, ideally human pathogens, molecular biology/biochemical methods and bioinformatics skills will all be beneficial for successfully conducting the project, but can also be acquired as part of the PhD project.

Detailed information about the Max von Pettenkofer Institute, the PhD program, and the Suerbaum lab are available online at: <https://www.mvp.uni-muenchen.de/en/>. 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 to:

<mailto:PhD.Infection@mvp.lmu.de>

Max von Pettenkofer Institute
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For specific scientific questions, please contact
Prof. Dr. Sebastian Suerbaum (suerbaum@mvp.lmu.de)

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