

A **PhD position (TV-L 13, 65%)** is available for three years starting September 2021 in the research group of Dr. Bhupesh Prusty (AG Dölken) at the University of Würzburg, Institute for Virology and Immunobiology.

The major focus of the group is on unraveling virus-specific mechanisms behind immune dysfunction and metabolic alterations in Myalgic Encephalomyelitis / Chronic Fatigue Syndrome (ME/CFS) and LongCovid.

Exploring a new area of research in the era of pandemic, we focus on the potential role of herpesvirus reactivation and subsequent mitochondrial alterations leading to autoimmune changes, metabolic alterations, immune cell dysfunction (doi: 10.4049/immunohorizons.2000006). Our aim is to combine systems biology approaches involving single cell transcriptomics, protein biochemistry and virology at a cellular and organelle level.

The current project is funded by ME Research UK (<https://www.mereseearch.org.uk/>) and will be carried out in collaboration with several clinicians from within and outside of Germany. The project will provide an exciting opportunity for young researchers to interact with several international collaborating research groups. Furthermore the doctoral researcher will become a part of the Graduate School of Life Sciences at the University of Würzburg (www.graduateschools.uni-wuerzburg.de/life_sciences) offering a strong peer network and a wide variety of research training and career development opportunities.

Applicants must hold a master's degree in biology, biomedicine, biochemistry, virology or a related discipline. The applicant should have a strong background in infection biology.

The University of Würzburg is an equal opportunities employer and places particular emphasis on fostering career opportunities for women, who are strongly encouraged to apply. Applications of disabled persons with equal qualifications will be treated preferentially.

Please send your applications by e-mail to:

Dr. Bhupesh K Prusty
bhupesh.prusty@uni-wuerzburg.de
Phone 0931-31-88067

Please submit the following documents combined in one single PDF file (only complete applications will be considered):

- Motivation letter
- Detailed curriculum vitae
- Description of research experience including applied methodologies
- University diplomas and transcripts
- List of two references with complete contact details (including Master thesis supervisor)