

The Institute for Tropical Medicine, Travel Medicine and Human Parasitology at the University Hospital Tübingen and the Eberhard Karls University of Tübingen is offering a position for a

Senior Postdoctoral position/ Senior Scientist/Research Associate in the field of Emerging and Re-emerging Infectious diseases (f/m/d)

as soon as possible or as of 01 January 2023. The position is initially limited to 3 years until December 2025 with the possibility of a further extension.

Background:

The Institute of Tropical Medicine (ITM), the Centre of Excellence for Tropical Medicine of the State of Baden-Württemberg at the University Hospital Tübingen, is internationally renowned for its basic and clinical research in the field of tropical infectious diseases.

The Vietnamese-German Center for Medical Research (VG-CARE; www.vgcare.org) in Vietnam is a long-standing cooperation partner. Our PAN-ASEAN Coalition for Epidemic and Outbreak Preparedness (PACE-UP) project is one of four global centers for pandemic preparedness funded by the German Academic Exchange Service (DAAD) and the German Federal Foreign Office (AA). PACE-UP aims to build multidisciplinary outbreak response capacity to enable rapid and effective responses to infectious diseases with epidemic or pandemic potential, closely linked to research and training in all geographic regions of ASEAN countries. The center is located at VG-CARE in Hanoi, Vietnam.

We are searching for a motivated candidate with 2-3 years of experience in the field of molecular genetics, molecular epidemiology, and statistics to work in the research group of Prof. VELAVAN. Previous experience working with next generation sequencing tools such as Oxford Nanopore technologies and/or Miseq platforms is an advantage. The selected candidate will be based in Tübingen and should be able to undertake short research visits to VG-CARE in Hanoi, Vietnam, when required. The candidate will be responsible for supervising PhD and Master students working on specific topics in the field of infectious diseases, such as zoonotic infections like hepatitis E and others, as well as infectious diseases caused by emerging and re-emerging pathogens such as dengue viruses and others. We offer the candidate an excellent international academic environment and be beneficial for their scientific career.

Responsibilities:

- PCRs/Real-time PCR, ELISAs and allied molecular methodologies in genomics
- Whole genome sequencing of virus isolates, 16srRNA bacterial sequencing, Metagenomics
- Supervision of Masters, Bachelors, and doctoral students
- Handling distinct projects with independent implementation and co-supervision
- Basic and clinical research in the field infectious diseases
- Networking with different EU and global consortia within the framework of PACE-UP
- Good experience in manuscripts and scientific writing
- Data analysis and interpretation

Qualifications:

- Completed PhD in one or more of these areas (molecular biology, molecular genetics, infectious diseases, virology, microbiology and epidemiology)
- Expertise in Epidemiology, Surveillance of infectious diseases, NGS-Technologies
- Strong experience in molecular biology in particular PCRs, ELISA, diagnostics, sequencing and statistics
- Analytical skills, accurate work ethics, sense of responsibility and reliability
- Willingness to travel to Asia and Africa
- Good communication skills and ability to work in an international team

What we offer:

We offer an attractive, international working environment with a lot of flexibility to work with excellent international team colleagues, with a modern laboratory infrastructure. We offer remuneration in accordance with TV-L (Tarifvertrag für den öffentlichen Dienst der Länder) as well as all the benefits granted to public sector employees. Severely disabled persons will be given preferential consideration in case of equal suitability. We strongly encourage women to apply for this position. The administration of the University Hospital is responsible for all personnel matters. Personnel selection is carried out in accordance with the basic provisions of university law in Germany. The costs for interviews will not be covered.

Please send your applications and any related queries to Dr. Alexa Purgreth (Phone: 07071-29-82905, E-Mail: alexa.purgreth@klinikum.uni-tuebingen.de). Application deadline: 30.11.2022