

The **Bernhard Nocht Institute for Tropical Medicine** (www.bnitm.de) is the largest Research Institute for Tropical Medicine in Germany and is the National Reference Centre for Tropical Pathogens, a WHO Collaborating Centre and member of the Leibniz Research Association.

The **Department of Virology** at the **Bernhard Nocht Institute for Tropical Medicine** in Hamburg invites applicants for a full time position starting **as of 15 June 2023** for the role of:

Post-doctoral researcher (m/f/d), E13, full-time

We are seeking for a highly motivated and creative postdoctoral candidate interested in developing and managing our fairly new research program dedicated to study the diversity and evolutionary dynamics of viral hemorrhagic fever (VHF) viruses such as Lassa and Ebola viruses. We closely work with multiple partners in Africa and both manage, and provide support to, clinical studies in the field of next generation sequencing (NGS). The candidate will work rather independently and be part of a multidisciplinary team. The position is financed by third-party funds and is initially limited to **2.5 years**. Remuneration is in accordance with the collective agreement of the Arbeitsrechtlichen Vereinigung Hamburg e. V (TV-AVH).

Your tasks:

- Manage the activities of the NGS diversity and evolutionary dynamics research projects (currently 1 x PhD and 1.5 x laboratory technician)
- Perform and supervise NGS experiments and related procedures
- Optimize and develop NGS protocols and explore novel techniques, including target enrichment
- Implement tools for computational analysis of sequencing data, including minority variant's detection
- Independently develop and harmonize laboratory standard operating procedures (SOPs)
- Interact with project partners and external collaborators
- Supervise PhDs, masters, laboratory technicians and/or interns
- Present results both internally as well as at conferences

Your profile:

- PhD in virology, microbiology, molecular biology, viral genomics or any other related field with a minimum of 2 years' experience in next generation sequencing and phylogenetics, phylogenomics, and/or population genetic diversity
- Experience with NGS library preparation and downstream computational analysis is required
- Experience in supervision of students is highly desirable

- Ability to work and communicate effectively in a team and independently, and apply critical thinking and sound judgment is desirable
- Ability to build collaborative working relationships with internal and external collaborators
- Thorough record keeping, excellent organizational and intercultural communication skills
- Team spirit and commitment to the research group
- Excellent oral and written communication skills in English

We offer:

- An interesting and challenging job in a modern research institution
- Integration into a growing team
- A central location at the Landungsbrücken, easily accessible by public transport
- 30 days holidays per year
- Flexible and family-friendly working hours
- Subsidy for childcare
- Subsidy for HVV-ProfiTicket
- Company pension scheme
- Opportunities for further education and training
- Special conditions in selected sports and fitness clubs
- audit berufundfamilie - Zertifikat

The position is initially limited to **2.5 years** and is remunerated in accordance with the German salary scheme for the public service (TV-AVH Hamburg).

For the activity in the BSL-4 lab, health suitability and a successful security clearance by the Federal Office for the Protection of the Constitution and Counterterrorism (Ü2) are necessary.

We support our employees in achieving a work-life balance and promote the professional equality of women and men. We strive to assist women in their scientific career, increase the number of women in research and reduce under-representation in all areas and positions in general.

Applicants with disabilities will be given preference when equally qualified.

Please send your application **by 01.05.2023** with the usual documents (cover letter, CV, high school certificates with grades, if applicable references) referring to "**Post-doc-NGS-VIRO**" preferably by e-mail in a PDF file to Ms. Jeannette Meurer (bewerbung@bnitm.de) or by mail to:

Bernhard-Nocht-Institut für Tropenmedizin, Human Resources Department, Bernhard-Nocht-Str. 74, 20359 Hamburg, Germany.

For further questions please contact Dr. Sophie Duraffour (duraffour@bnitm.de, phone: +49 40 285380 641), Department of Virology.

