



CALL FOR APPLICATION

About GLACIER

GLACIER - German-Latin American Centre of Infection & Epidemiology Research & Training is a large network encompassing 18 higher education institutions, research institutes and public stakeholders from eight Latin American countries as well as eight higher education institutions from Germany. GLACIER represents the fusion of the Berlin-led pandemicology, and the Halle-led research on immunology and bioactive compounds research. The consortium encompasses Latin American countries and higher education institutions and is synergistic in research and training efforts.

In close partnership with scientific institutions in Mexico, Cuba and Central America, the health centre follows a holistic "One Health" approach. Various disciplines - from virology to vaccine and drug research to social sciences - work together in close cooperation with national and international institutions involved in preventive health care and pandemic control. In total 35 partners in eight countries and five additional expert groups from Germany are involved in the centre.

Funding

The German Academic Exchange Service (DAAD) finances the German-Latin American Centre of Infection & Epidemiology Research & Training. The consortium issues student scholarships and research stays for scientists (north-south and south-north exchange), exchange between partner Latin-American countries (south-south exchange), as well summer schools and training courses.

Host: The University of Ulm

At the Faculty of Medicine of the University of Ulm basically the Institute of Molecular Virology, the Institute of Medicinal Microbiology and Hygiene and the Core Facility of Functional Peptidomics are participants of the GLACIER consortium. These three Institutions highly interact with each other and share several research projects related to the discovery, characterization and development of new antiviral, antimicrobial and antifungal peptides. Their research interest covers e.g. SARS-CoV-2, M. tuberculosis as well as multidrug resistance in bacteria or compounds that inhibit biofilm formation. Technologically we provide sophisticated synthetic and analytical techniques in peptide chemistry and biology. We expect stipendiats that are highly motivated to collaborate in one of our multidisciplinary projects.

Within the framework of the DAAD network, two four-month-residence research scholarships are to be awarded.

The earliest start date of the fellowships is 01.01.2022.

Eligible persons are exclusively students of the GLACIER consortium member institutions

Remuneration will be paid after fulfilling the personal requirements according to the scholarship award regulations of the DAAD.

Responsibilities/Tasks scholarship 1 and 2:

1. Discovery and analysis of novel antimicrobial peptides from biological sources
2. Synthesis of antimicrobial peptides and optimized derivatives
3. Testing of antimicrobial peptides on different virus, fungi and bacteria

Requirements:

1. completed studies (Master degree) in a subject relevant to the topic of the research network (natural and engineering sciences, life sciences, medicine) or in the field of science management
2. excellent, contractually confident knowledge of English, including scientific English
3. knowledge and interest in protein/peptide chemistry and biology

Applications from disabled persons will be given preferential consideration in the case of equal suitability and qualifications. Women are strongly encouraged to apply. Application costs will not be reimbursed. If you have any questions, please contact PD. Dr. Ludger Ständker, Tel.: +4973150065171, E-Mail: ludger.staendker@uni-ulm.de

Please send your application, quoting reg. no. GLACIER_UU, only by email to glacier@ipb-halle.de by 15.November2021 with

1. CV
2. reference letter from supervisor
3. max. 2 page research plan, ideally coordinated with local & German supervisor, including a GANTT-chart