



RESEARCH SCHOLARSHIP

Antimicrobial peptides from natural sources



Scholarship description

GLACIER invites applications from Latin American graduate students seeking research stays at the Core Facility for Functional Peptidomics/Institute of Molecular Virology, Ulm University Medical Center, Ulm, Germany, to strengthen their scientific and personal development.

The main objective of this research is to help the selected applicants deepen their expertise in antiviral peptide research. The areas involved are peptide bank preparation, bioassay-guided chromatographic isolation, and the chemical and biological characterization of antiviral peptides.

Scholarship will be awarded as follows:

2 x 4-month for PhD student

(earliest start date: 01 Apr 2026 / latest start date: 01 June 2026).

Host Institutions

The Core Facility for Functional Peptidomics and the Institute of Molecular Virology are both located within ZQB building at the Ulm University Medical Center. These institutions have a vast experience and long collaboration record regarding the isolation and study biological active peptides, including antiviral peptides.

Responsible investigators:

Prof. Jan Münch and Dr. Ludger Ständker

What does it cover

Master's/PhD students:
Up to 1,400.00 EUR/month

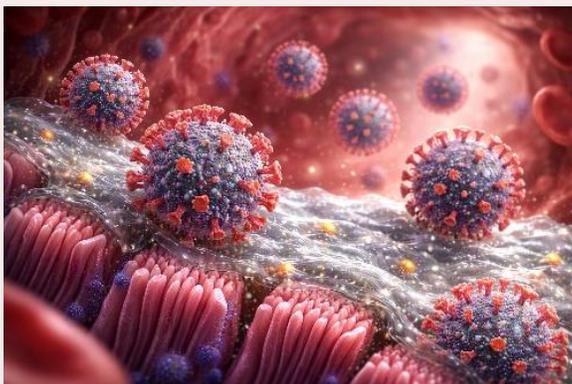
Flights are booked by CFP-MV, accommodation and health insurance are not provided by CFP-MV.

Additional details are available upon request.

DEADLINE: 04 April 2026

Eligibility

The applicant must be a national from any of the Latin American countries that belong to the GLACIER consortium (visit glacieronehealth.org for more information).



The research should include viral infection assays with relevant human viruses to screen, confirm, and refine antiviral peptides with clear potential for therapeutic development.

Basic requirements

Applicants must hold at least a Master's degree in a relevant subject (e.g., natural and engineering sciences, life sciences, medicine) and be active in or employed by a GLACIER partner institution. They should also fulfill the following requirements:

- Fluent in (scientific) English or German.
- Belongs to the best quartile of students (certified by supervisor or statistics).
- Committed (both the applicant and their Latin American supervisor) to accepting co-supervision and task agreement with the host institution, and to completing and defending their PhD thesis latest mid-2026.
- Accepts the rules of DAAD, the host institution and commits to good scientific practice in general.
- Provides reports, presentations, and full documentation on the dates established by the host.

Ideal Skills

At least a Master's degree in chemistry, biochemistry or relevant area with advanced experience in:

- Chemistry and biological effects of peptides
- Extraction, isolation and purification of peptides
- Analytical characterization of peptides
- Bioactivity screening (antiviral activity)

Documents you need to send

Please send your application as a single PDF document (< 10 MB) via email with the subject **Charite_Call26** to jan.muench@uni-ulm.de and ludger.staendker@uni-ulm.de by 4 April 2026.

It must include: (1) a **tabular CV**, with personal and institutional contact details, (2) a **motivation letter** not longer than ½ page, and (3) a 2-page (maximum) **research plan**, ideally coordinated with one local and one German supervisor and including a GANTT- chart.

In addition, your supervisor must provide a **reference letter** sent from their **institutional email address**. Supervisor letters sent from personal email addresses (e.g., Yahoo accounts) will not be accepted, unless the supervisor has registered such email address before with GLACIER.

Contact

Prof. Dr. Jan Münch Director
Institute of Molecular Virology
jan.muench@uni-ulm.de

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