



**SAHLGRENKA ACADEMY
INSTITUTE OF BIOMEDICINE**

Diariennr: GU 2026/729

Institute of biomedicine

2026-03-19

Announcement of scholarship – postdoctoral fellow

Project Title: Adaptive Mucosal Immunity to Influenza Infection

Project duration and dates: 2 years, first day 2026-06-01 or as agreed

Application deadline: 2026-04-10

Supervisor: Davide Angeletti

Contact davide.angeletti@gu.se

Project summary:

We are looking for a highly motivated postdoctoral fellow will join the lab of Assoc. Prof. Davide Angeletti (www.angelettilab.com) at the Department of Microbiology and Immunology at the University of Gothenburg. The lab investigates diverse aspects of adaptive immunity to influenza virus infection with special focus on mucosal immunity

The group is part of SciLifeLab and maintains an active network of national and international collaborators. As a member of the lab, you will join a well-established, international and dynamic team of experimental biologists, with expertise in various aspects of immunology and virology.

The stipend will focus on experimental research with emphasis on dissecting mucosal immune responses in mouse models of influenza infection and/or co-infection with *S. pneumoniae*. In addition, it is expected that the postdoctoral fellow will analyse influenza patients samples, obtained through collaboration with the neighboring Sahlgrenska Hospital. The candidate will employ advanced flow cytometry techniques to dissect the presence, specificity and persistence of adaptive immune cells in respiratory mucosa, expanding upon our recent findings (Gailleton et al, PNAS 2025; Mathew et al., biorXiv 2024; Chen et al, Nat Comm 2025).

Qualifications

- PhD in immunology or related field
- Demonstrated expertise in designing, running and analyzing multicolor flow cytometry experiments is an absolute requirement.

- Extensive experience in mouse work is also essential. Methods to be used include: intranasal and intratracheal instillation, various vaccination routes, intravenous injections, lung perfusion and isolation
- Experience in basic immunological methods such as ELISA, ELISPOT and microscopy or basic virological methods such as neutralization, hemagglutination inhibition is an advantage.
- Ability to think independently, plan, execute and interpret experiments is essential.
- Written and spoken English is essential

The successful candidate must be highly independent and motivated, able to drive their own project. Candidates are also encouraged to suggest project ideas relevant to the lab's research themes.

We offer state of the art equipment and a conducive environment for performing high impact research.

Applications should be emailed to: davide.angeletti@gu.se

The application should include:

- motivation letter
- CV including contact info and publications
- Contact details of 2 references
- PhD certificate