

 Join our team! Master's Thesis Opportunities in Human Immunology (1-2 positions)

The Kapellos Lab at the Lung Health and Immunity Institute | Helmholtz Munich is looking for 1-2 motivated Master's students to conduct a research internship with the opportunity to continue as a thesis project. Are you passionate about human immunology, translational research and understanding immune mechanisms in disease? Do you want to work with clinical patient samples and develop your skills in a collaborative research environment? We would love to hear from you!

About the project

Our laboratory investigates how immune responses contribute to chronic respiratory diseases, including COPD, bronchiectasis and asthma. By combining patient-derived samples with advanced immunological technologies and computational approaches, we aim to uncover cellular and molecular mechanisms driving human disease. The successful candidate will work on projects studying myeloid and T cell responses in human lung tissue and blood samples, including their metabolic properties and interactions with epithelial cells.

You will gain experience in:

-  Human clinical sample processing and immune cell isolation
-  Primary human cell culture and ex vivo functional assays
-  High-dimensional flow cytometry and data analysis
-  Experimental design, interpretation and scientific communication

We are looking for students who:

- ✓ Are enrolled in a Master's programme in Immunology, Molecular Biotechnology, Molecular and Cellular Biology or a related field at a German university
- ✓ Are genuinely excited by human immunology and translational biomedical research
- ✓ Take ownership of their projects and are motivated to develop into independent researchers
- ✓ Are reliable, organized and able to manage complex experiments with attention to detail
- ✓ Communicate clearly, contribute actively to discussions and enjoy working as part of a team
- ✓ Have strong English written and oral communication skills

Will be considered a plus:

Experience with human primary cells, flow cytometry and programming (R and/or Python)

What we offer:

- ✦ A collaborative, ambitious and intellectually stimulating research environment
- ✦ Close mentorship with the goal of progressive independence
- ✦ Hands-on training in state-of-the-art immunology techniques
- ✦ The opportunity to lead a project with the potential to contribute to peer-reviewed publications

 Application deadline: 13 September 2026

 Project start: Mid-January 2027

To apply, please send your:

- CV
- Transcript of records
- One-page motivation letter describing your research interests and motivation for joining our laboratory

 Applications and enquiries: theodoros.kapellos@med.uni-muenchen.de

Applications will be reviewed on a rolling basis until the positions are filled. Early applications are encouraged!