Student assistant in Microbiology (HIWI)

10%-30%, Zurich, fixed-term

The Stocker Lab in the Environmental Engineering Institute is offering a HIWI student position to support daily operations, within their cutting-edge research in environmental sustainability, developing microbial solutions to tackle persistent pollutants like PFAS and pharmaceuticals.

We are looking for a motivated HIWI student to join our team starting 15th of May 2025. In this role, you will support the smooth day-to-day running of the project by assisting with daily tasks (further described below).

Job description

We are looking for a motivated student in life sciences preferably microbiology, biology with previous lab experience.

Main Responsibilities:

- Preparation of growth media and buffer solutions
- Basic microbiology work (e.g., pipetting, plating, microscopy)
- Basic molecular work (e.g. DNA extraction, PCR)
- Running and assisting with flow cytometry experiments
- Helping researchers with routine lab procedures
- Restocking materials and maintaining lab organization

Profile

- BSc/MSc student in Microbiology, Biotechnology, or Environmental or Life Sciences
- Enrolled in studies at ETH Zurich.
- Prior lab experience (e.g., pipetting, preparing media, microscopy, DNA extraction)
- Careful, reliable, and well-organized working style
- Willingness to learn and perform routine lab tasks independently after training
- Good communication skills and ability to work as part of a team
- English proficiency (C1 level).

A note: research indicates that women and individuals from marginalized groups tend to apply only when they meet all of the criteria. If you believe you're qualified, but don't necessarily check every box, please submit an application.

Workplace

We offer

We offer:

- **Cutting-edge research environment** at the intersection of microbiology & environmental biotechnology.
- Opportunities to further learn basic microbiology and biotechnology techniques.
- **Opportunities for training and career development** in microbial evolution & bioremediation.
- **Collaborative culture** with access to ETH Zurich's research infrastructure.

› Working, teaching and research at ETH Zurich

We value diversity

In line with our values, ETH Zurich encourages an inclusive culture. We promote equality of opportunity, value diversity and nurture a working and learning environment in which the rights and dignity of all our staff and students are respected. Visit our Equal Opportunities and Diversity website to find out how we ensure a fair and open environment that allows everyone to grow and flourish.

Curious? So are we.

We look forward to receiving your online application with the following documents:

- Cover Letter
- CV
- Academic transcripts
- Contact information for professional references, if applicable

Please note that we exclusively accept applications submitted through our online application portal. Applications via email or postal services will not be considered.

Questions regarding the position should be directed to Estelle Emilie Clerc, clerc@ifu.baug.ethz.ch (no applications).

We would like to point out that the pre-selection is carried out by the responsible recruiters and not by artificial intelligence.

About ETH Zürich

ETH Zurich is one of the world's leading universities specialising in science and technology. We are renowned for our excellent education, cutting-edge fundamental research and direct transfer of new knowledge into society. Over 30,000 people from more than 120 countries find our university to be a place that promotes independent thinking and an environment that inspires excellence. Located in the heart of Europe, yet forging connections all over the world, we work together to develop solutions for the global challenges of today and tomorrow.