

Open Topic PhD Position

Microbiome Science - Microbial Ecology & Evolution

Group of [Alexander Loy](#), Division of Microbial Ecology (www.microbial-ecology.net)
Centre for Microbiology and Environmental Systems Science, University of Vienna, Austria

This is an **open topic PhD project** within the research scheme of the Loy group. Example topics could include but are not limited to:

- Development of a defined human gut microbiome
- Microbial sulfur-cycling in wetlands (or other environments)
- Evolution of sulfur compounds-metabolizing microorganisms

Own suggestions for a topic are encouraged. You will develop the details of the topic with your supervisor at the begin of the PhD program.

We offer up to 4 years of appointment as a PhD candidate according to the salary scheme of the University of Vienna (monthly gross salary approx. €2200). The University of Vienna is an equal opportunity employer. The PhD candidate will be a member of the [Doctoral School of Microbiology and Environmental Sciences](#).

You

- have a master degree in Microbiology, Molecular Biology, Biochemistry or a related discipline
- are highly motivated, creative, and like to work independently as well as in a team
- have a strong educational background in one or more of these areas: microbial ecology & physiology, microbial bioinformatics, molecular evolution and phylogeny
- hands-on experience in molecular microbial community analyses, bioinformatics (e.g. metaOmics, statistics, phylogeny), stable isotope probing, isotope & chemical analytics, and anaerobic cultivation and physiology (would be advantageous)
- are fluent in spoken and written English

If you are interested please send an **email** (subject: **open-topic-PhD**) to Alexander Loy, alexander.loy@univie.ac.at containing **only a single pdf-file** with

- a **short letter of motivation** (max. 1 page, including a brief description of your research interests & ideas and addressing your match with the required qualifications)
- a **detailed CV** (education, previous employments, and publications, if applicable),
- **contact details of at least two references** (letters of recommendation are optional)

Note that only applications with the complete information will be considered.

The position is open until filled and the **job starting date** is flexible.