

## Ph.D. Position in Anaerobic Digestion Microbial Ecology (Environmental Engineering and Applied Microbiology)

Availability: Immediately to First half of 2025.

We have an opening for a Ph.D. position in the development of synthetic microbial communities to investigate ecology in the anaerobic digestion microbiome. The aim is to generate knowledge to apply digestion process for organic waste upcycling. A background in microbiology and metabolism is preferred.

Requirements: A Master's degree in Environmental Engineering, Chemical Engineering, Microbiology is generally required. We expect you to have high grades (A-type; >5/6) and top rankings, as well as research experience in related fields. But most important is to have passion in research. Applicants whose first language is not English are recommended to provide results of the TOEFL and/or GRE tests, or other measure(s) of English proficiency. The initial appointment will be for one year. After one year you will have a qualifying exam. Those who pass the exam are definitely admitted to our PhD program. The normal duration of Ph.D. is in total 4 years. More information about the doctoral program can be found at: [phd.epfl.ch](http://phd.epfl.ch)

Interested candidates should include a curriculum vitae, copies of transcripts, names and contacts of three references, and a statement of motivation. Incomplete application will not be considered. Due to time constraint, we will only reply to those who will be further considered for on-site interviews (paid by us).

For applications and further information please contact:

Prof. Wenyu Gu

E-mail: [wenyu.gu@epfl.ch](mailto:wenyu.gu@epfl.ch)

The position requires acceptance in the Doctoral Program of Chemistry and Chemical Engineering (EDCH) or Doctoral Program in Civil and Environmental Engineering (EDCE), for which you must file an application at: <https://www.epfl.ch/education/phd/edch-chemistry-andchemical-engineering/> or <https://www.epfl.ch/education/phd/edce-civil-and-environmental-engineering/>. You might contact Prof. Gu for a pre-evaluation of your profile before applying to the doctoral school.