



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich



**D-BSSE**  
Department of Biosystems  
Science and Engineering

### **PhD positions in “Synthetic biology for expanding microbial metabolism“**

The ETH Zurich Bioprocess Laboratory is looking for a highly motivated, talented, and qualified PhD student with a background (MSc, diploma, or equivalent) in applied microbiology/biotechnology, molecular biology or chemical biology. The PhD students will be part of the interdisciplinary EU-funded project METACODE, together with partners from the TU Berlin, the University of Basel, the University of Leuven, the French CEA and company partners from Germany, France, and Austria. They will work on developing ultrahigh-throughput assays for novel biochemistry and expanding microbial metabolism for unnatural compounds. The tasks will require creativity, teamwork, and persistence.

The Bioprocess Laboratory is part of the recently founded Department of Biosystems Science and Engineering (D-BSSE) of the ETH Zurich. The D-BSSE is the most recent ambitious endeavor of one of Europe’s premier research universities. It aims at exploring and exploiting novel interdisciplinary opportunities at the interface of molecular biosciences and engineering. The novel department is located on the Basel Campus of ETH Zurich ([www.bsse.ethz.ch](http://www.bsse.ethz.ch)).

To apply, please submit a complete application, consisting of your letter of application, CV, university transcripts, and the coordinates of at least two references via email to Prof. Sven Panke under [sven.panke@bsse.ethz.ch](mailto:sven.panke@bsse.ethz.ch).