

Post-doctoral Position in Cell-free Synthetic Biology

Laboratory of Biological Network Characterization
Institute of Bioengineering
School of Engineering
EPFL

Description:

We are looking to hire a post-doctoral fellow in cell-free synthetic biology.

The prospective fellow will work on building the foundations for the development of a synthetic cell. This project will involve developing state-of-art techniques and approaches in cell-free synthetic biology combined with microfluidic technologies to push the current boundaries of *in vitro* synthetic biology and cell-free transcription – translation systems. The post-doctoral fellow will be embedded in a highly international and dynamic research environment.

Requirements:

Candidates should hold a PhD degree in Biochemistry, Bioengineering, Chemical Engineering, Chemistry, Microengineering, or related field. The candidate should either have a strong background in protein biochemistry, molecular engineering, synthetic biology and / or cell-free systems, or a track record in developing and applying state-of-the art microfluidic technologies to biological applications, particularly devices fabricated by multilayer soft lithography. Candidates with combined prior experience in biochemistry and microfluidics would be ideal.

Candidates should send their curriculum vitae, a cover letter, and the contact information for 3 references to:

Prof. Sebastian Maerkl
Email: sebastian.maerkl@epfl.ch

Evaluation of applications will commence immediately. The position is expected to be filled and begin in Q1/Q2 of 2022.