



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Department of Biosystems
ETH Zürich
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D-BSSE
Department of Biosystems
Science and Engineering

Post-Doc Position: Scientific Computing, ETH Zürich

The Computational Biology Group (Prof Dagmar Iber, www.cobi.li or www.bsse.ethz.ch/cobi) at D-BSSE, ETH Zürich offers a **Post-Doc Position** in **Scientific Computing**.

The successful applicant must be self-motivated and enthusiastic to develop novel algorithms to enable ambitious, cutting-edge research in biology, in particular to simulate organogenesis and tissue dynamics in 3D. 3D data is available from state-of-the-art imaging techniques. The candidate should hold a **PhD degree in Applied Mathematics / Numerics or Scientific Computing** and have experience with suitable numerical methods to solve systems of PDEs on complex, moving geometries (FEM software packages such as COMSOL, deal.II or FEniCS). Prior experience with biological systems is not required; the necessary biological background can be learned on the project.

The position is available to start immediately, and can be extended for a maximum of 9 years. The salary is internationally highly competitive. The working language is English.

ETH Zurich is a major research university, offering an excellent environment for innovative and collaborative research across disciplines. The Department of Biosystems, Science and Engineering (D-BSSE) of ETH Zurich is located in Basel, a European hotspot for biomedical research, in close proximity of the Biozentrum and Department of Biomedicine of the University of Basel, the Friedrich Miescher Institute for Biomedical Research, and the pharmaceutical and biotech industry.

Please send a complete application with CV, letter of motivation, and the name of two academic referees to: dagmar.iber@bsse.ethz.ch.

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