

Postdoc/PhD position available

Mechanism of cell-cell fusion

We have an immediate opening for a postdoc/PhD position to investigate the structural basis of cell-cell fusion in organ development.

We discovered that the glycoproteins from the FF family mediate cell-cell fusion in *C. elegans*. Additional proteins involved in this complex process during fertilization and in muscle formation in mammals are on the lookout. We dissect these membrane fusion processes from complete animals to single molecules.

This multidisciplinary project involves *in vivo* and *in vitro* functional approaches, high-resolution microscopy as well as biochemical and structural studies.

We are seeking highly motivated and talented candidates from diverse scientific disciplines, including but not limited to biochemistry, structural biology, molecular genetics, structural bioinformatics, and biophysics.

The successful candidate will enjoy a stimulating environment in the Faculty of Biology and access to our state-of-the-art facilities for microscopy, sequencing, mass spectrometry and macromolecular crystallography.

To apply please send cover letter, CV and 2-3 letters of recommendation to:

Prof. Benjamin Podbilewicz
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<http://www.elegansfusion.org/>

Relevant references:

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