



Photo © Monfront

PhD Position: Molecular Basis of Substrate Recognition by the Glycosaminoglycan Biosynthesis Machinery

Application deadline:
31 October 2026

How to apply:

Please send your application, including your CV, motivation letter, and university transcripts, to:

rebekka.wild@ibs.fr

Informal inquiries can also be addressed to the same email.

Team website:

<https://tinyurl.com/Wild-Team-Homepage>



The project

A fully funded 3-year PhD position is available in the WILD team at the Institut de Biologie Structurale (IBS) in Grenoble, France. The successful candidate will contribute to a better understanding of the molecular mechanisms underlying glycosaminoglycan biosynthesis. Our research combines in vitro enzymatic assays with state-of-the-art biophysical techniques, including nuclear magnetic resonance spectroscopy and single-particle cryo-electron microscopy, to investigate substrate specificity and protein–protein interactions of key biosynthetic enzymes.

Your profile

We are looking for a highly motivated and team-oriented candidate with:

- A Master's degree in structural biology, protein biochemistry, or a related field.
- Strong practical experience in protein purification and characterisation.
- Previous experience in protein structure determination would be an advantage.
- Excellent written and oral communication skills in English.

We offer

You will join a young, dynamic, and international research team working in an interdisciplinary environment. The Institut de Biologie Structurale is located on the EPN campus in Grenoble and provides excellent infrastructure for pursuing challenging structural biology projects, as well as access to a vibrant scientific community.

