

Molecular Modeler

Barcelona, Spain (Full-time) or Cambridge, USA (Full-time)

JobID – MM2022

ZYMVOL® is a biotech company specialized in the design, development and application of molecular modeling software in the discovery and development of new industrial enzymes.

We are looking for a dynamic and motivated individual for a position as Molecular Modeler to help us advance our transformative technology to multiple on-going projects.

This job position can be performed at our Barcelona offices or Cambridge offices.

What you can expect working at ZYMVOL®:

Environment – We are a small, but very motivated team. You'll be working in a fast-growing company with great potential to advance personally and professionally.

Attractive economic conditions – Compensation will depend on previous experience, but competitive conditions are available. Medical insurance is included. Permanent term contract after one-year trial. Possibility of remote working.

Equal opportunity employer – All aspects of employment including the decision to hire, promote, discipline, or discharge, will be based on merit, competence, performance, and business needs.

Desired Qualifications:

- Experience in Computational Enzyme Discovery and Optimization.
- Experience in adjacent experimental approaches is also desirable (metagenomics, ...)
- Demonstrated skills in the application of molecular modeling software to biological problems, with special emphasis on protein/enzyme biological entities.

- Specific knowledge (+2 years) of computational methods involving protein elucidation, molecular dynamics, chemoinformatics and/or quantum chemistry.
- Ability to work independently and collaboratively in a multidisciplinary, team-oriented environment.
- Communicate and collaborate effectively with structural biologists, bio-chemists and other members of cross-functional project teams.
- Good knowledge of UNIX/Linux.
- Maintain and develop a working knowledge of state-of-the-art computational chemistry methods and their application to enzyme discovery
- Good spoken and written English.

* Note it is not necessary to have specific knowledge on all the areas mentioned. We are looking above all for someone with strong intellectual and research skills, and a history of innovation and accomplishment.

Responsibilities:

- As a member of interdisciplinary project teams, you take over responsibility for the early project phases for enzyme discovery and enzyme optimization.
- You support research projects with state-of-the-art computational chemistry methods and contribute to achieve desirable milestones.
- In your new role you will enhance our method portfolio with newly emerging CompChem methods e.g. from areas such as protein elucidation, artificial intelligence, cheminformatics or other related methods.

Application

To apply for this position, please send your CV along with a cover letter to careers@zymvol.com until **November 30th 2022**. Please include the JobID **MM_2022** in the subject.