

# Biomolecular Modeller (postdoc)

Barcelona, Spain (Full-time)

JobID - BMMC2022

[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 talented and motivated individual to apply at the Tecnospring INDUSTRY talent programme (co-financed by the H2020 Marie Skłodowska-Curie actions). If successful, the candidate will join our R&D team as a **Scientific researcher** working on **biomolecular modelling of enzymes for industrial application and on the development of related software**.

## Required Qualifications:

- PhD in Computational Chemistry, Biophysics or related
- + 2 years of postdoctoral experience
- Mobility requirement: have not lived or worked in Spain more than 12 months during the last 3 years.
- Expertise (and strong publication record) in Molecular Dynamics simulations of proteins.
- Coding and scripting abilities (e.g. Python) is essential.
- Experience with docking techniques and computational enzyme design is desirable
- Good analytical and problem-solving skills
- Excellent oral and written communication skills (English)

## Responsibilities:

- The researcher will respond to the Chief Scientific Officer.
- Application of molecular dynamics simulations and advanced modelling techniques, and the implementation of a protocol (software) to address specific problems related to the development of industrial enzymes.
- Communication with partners (private companies) in charge of providing/acquiring the experimental data.

## What you can expect working at ZYMVOL®:

**Contract duration** - 2 years (expected starting date May 2022)

**Economic conditions** – Compensation will depend on previous experience but competitive conditions are available. Please note that the position shall be sponsored by the Marie Skłodowska-Curie programme.

**Benefits.** Health insurance, flexible working hours and remote working.

**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.

**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.

### **Application**

To apply for this position, please send your CV along with a cover letter and the names and contact details of two references to [careers@zymvol.com](mailto:careers@zymvol.com) before May 12<sup>th</sup> 2021. Please include the **JOBID BMMC2022** in the subject.