



Senior Level - Computational Enzyme Engineering

Barcelona, Spain (Full-time)

Zymvol Biomodeling is a biotech company specialized in the discovery and development of new industrial enzymes through computer simulations.

We have developed proprietary molecular modeling software that combines classical and quantum mechanics to custom-design enzymes for applications in chemical synthesis or as products for food, animal feed or agricultural ingredients.

We are looking for a talented and highly motivated individual for a position as **Senior Level - Computational Enzyme Engineer**. The selected candidate is expected to play an important part in Zymvol's team and should be available in January/February 2019.

What you can expect working at Zymvol:

Environment - We're 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 the previous experience but extremely competitive conditions are available as well as an attractive incentive plan.

Required Qualifications:

- PhD. in Computational Chemistry/Physics/Biology.
- Experience with Protein Engineering (preferred).
- Experience with protein modeling and design software such as Rosetta, Schrödinger, YASARA or MOE.
- Scripting/programming skills (e.g. python, C++ etc. - essential)
- Experience of machine learning and statistical modelling

Responsibilities:

This position will report to the head of R&D but the person is expected to be able to work independently and manage the work of junior level employees. Responsibilities include:

- Identify interesting target enzymes for engineering projects.
- In silico design (using Zymvol's own software).
- Communicate results to head of operations and prepare reports to be delivered to customers.

If you are interested in this position, please write to us as: careers@zymvol.com