

## **Job description**

Standigm's mission is to accelerate the drug discovery process while using innovative AI-driven technologies.

We are seeking a talented computational chemist with excellent interpersonal and problem solving skills to join our "lead discovery team". The successful candidate will be responsible for discovering and designing novel drug candidates by applying advanced molecular modeling and computational chemistry techniques.

### Your role

You will provide modeling expertise in small molecule drug discovery projects

You will carry out analyses, prioritization, and visualization of computational and experimental data in drug discovery programs.

You will actively participate in collaborative and/or internal drug discovery projects.

### Requirements

- Ph.D. in Computational Chemistry, Cheminformatics, Medicinal Chemistry, Biophysics or related discipline with a computational emphasis with 0-3 years postdoctoral experience  
OR
- M.S. and 5+ years of experiences in ligand-/structure- based lead discovery and design in the pharmaceutical and/or biotech industry.
- In-depth knowledge of computer-aided drug discovery/design, computational chemistry, and cheminformatics
- Strong communication skills in multidisciplinary environment.
- Expertise in modern molecular modeling techniques (homology modeling, docking, pharmacophore modeling, QSAR, ligand-, structure- based design) with one or more software packages (e.g Schrodinger, Discovery Studio)
- Experience with machine learning methods for predictive modeling
- Demonstrated track records in hit compound identification by virtual screening

### Preferred Requirements

- Experience in molecular dynamics (MD) simulation to understand protein flexibility and in the application to docking accuracy improvement is a plus
- Experience with public databases (e.g. ChEMBL, PDB, UniProt, DrugBank)
- Experience with statistical or machine learning methods and scientific programming (e.g. KNIME, Pipeline Pilot, Python, R)
- Experience with open source chemistry toolkits (e.g. RDKit, CDK)

1. To apply, please send a CV and contact information to [apply@standigm.com](mailto:apply@standigm.com)