

Scientist Computational Chemistry (100%)

## Computational Chemist for Rational Drug Design

### Company Overview

InterAx Biotech AG is a rapidly growing Swiss Biotech company based in Villigen. We are a friendly and dynamic interdisciplinary team fully committed to the discovery of functional selective therapeutics for G protein-coupled receptors (GPCRs). The company builds on its unique Experimental and Computational Pharmacology platform to discover the next life-changing therapeutics. We are currently offering a position for a scientist in the field of **computational chemistry** limited to one year with possible extension.

You are a highly motivated, fully committed scientist with a strong profile in **computational chemistry / cheminformatics**. You enjoy working in an international and interdisciplinary environment. You are energetic, flexible, result-oriented, and like working in a young and dynamic team. InterAx is an equal opportunities employer.

### Your tasks

- Generate a dataset of ligand-receptor interaction features with docking and molecular dynamics on a membrane receptor-ligand complex with known structure
- Develop a novel virtual screening method combining machine learning and structure based virtual screening in collaboration with a machine learning specialist

### Requirements

For this position, you qualify with a PhD in Computational Chemistry or related discipline, and bring to the role:

- Extensive experience with structure- and ligand-based virtual screening
- Extensive experience in molecular dynamics
- Experience in data-mining techniques
- Experience in membrane protein / GPCR computational chemistry is preferred
- You are a proactive person, team oriented and have a great attention to detail
- You need excellent communication skills and fluency in English

### Other information

Applicants must be able to demonstrate proof of the right to work in Switzerland.  
Strictly, no agencies.

### Contact InterAx

If you are interested to join an inspirational and successful team in a rapidly growing start-up, in which your contribution is essential and highly valued, please send your application including CV, motivation letter and references to **recruiting[at]interaxbiotech.com**. The closing date for applications is 30<sup>th</sup> of September 2019. Starting date as soon as possible, no later than January 2020.