Scientist in Computer-Aided Drug Design

Who we are

At Roche, 82,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity.

The headquarters in Basel is one of Roche's largest sites, over 8,000 people from approximately 80 countries work at Roche Basel. Favored by its geographic location in the heart of Europe, the Basel area is one of the most dynamic economic regions in Switzerland — a great place to live and work.

The Position

The Computer-Aided Drug Design (CADD) team in the Molecular Design and Chemical Biology department, located in Basel, is an integral component of interdisciplinary project teams which assess biological targets, identify pharmacologically active small molecules, and guide their optimization towards differentiated medicines for unmet medical needs. In this position you will:

- Be a member of drug discovery teams and a key contributor to their successes
- Apply structure- and ligand-based design, virtual screening and advanced data analysis techniques
- Proactively utilize experimental data and computational parameters to guide medicinal chemistry projects

Who you are

You're someone who wants to influence your own development. You're looking for a company where you have the opportunity to pursue your interests across functions and geographies. Where a job title is not considered the final definition of who you are, but the starting point.

Your qualifications:

- You have a Ph. D. in computational chemistry, molecular modeling, chemoinformatics or a related field
- You have expert knowledge in 3D molecular design including homology modeling, protein-ligand interactions and small molecule conformations and are proficient in chemoinformatics
- You are motivated by driving scientific discoveries, are skilled at articulating clear ideas and hypotheses and at sharing them with scientists of other disciplines
- You have a keen desire to grow into a key scientific role at the interface between the computational and medicinal aspects of chemistry
- You have approx. 1-3 years of experience in the pharmaceutical industry and a scientific track record including several publications.
- You have experience in mining data to extract knowledge; you can automate some of your workflows using scripting languages and/or pipelining tools
- You are highly motivated, have excellent communication skills, enjoy team work and are fluent in English

Interested applicants should submit a cover letter, a Curriculum Vitae including publications and references as well as a short description of how they employed a computational approach to solve a drug discovery related question.

Job ID: 2963070709
Contact HR: N. Pfrüner, Phone +41 61 68 75639
The next step is yours. To apply online for this position visit www.careers.roche.ch
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