



## SENIOR COMPUTATIONAL CHEMIST

We are looking for a qualified computational chemist with proven experience in drug discovery and molecular modelling software. This person will be involved in defining and executing exploratory research projects in strategic areas of interest. The selected candidate will also provide support in drug discovery projects by applying Pharmacelera's technology and other third-party Computer-Aided Drug Design tools. She/he will join the scientific team, but she/he will be in constant interaction with the business development team and top management.

### WHO WE ARE

Pharmacelera is a deep tech company that develops disruptive Computer-Aided Drug Design (CADD) software solutions to increase the chemical diversity of leads based on 3 technology pillars: accurate Quantum-Mechanics (QM) algorithms, Artificial Intelligence (AI) and High-Performance Computing (HPC). The company's technology and expertise can be applied in early drug discovery stages (Target Identification, Hit Identification, Hit-to-Lead and Lead Optimization). Pharmacelera sells usage licenses of its proprietary technology and it offers computational chemistry services to pharmaceutical R+D departments, biotech companies, Contract Research Organizations and non-profit research (academia, foundations, public research centers). The company is located at the Barcelona Science Park (Parc Científic de Barcelona – PCB).

### REQUIREMENTS

- Proven experience working in computational chemistry projects. Experience in Drug Discovery is not mandatory but a plus.
- Experience in installing and using molecular modeling software, including open-source packages.
- Versed in script programming (Python, shell).
- Good communication skills and extremely fluent in English.
- Motivated, pro-active, open-minded and eager for new challenges.
- Excellent soft skills for continuous team working.
- Willing to be based in Barcelona and open for travelling.
- PhD degree preferred, but not mandatory.
- Background and/or experience in Machine Learning preferred, but not mandatory.

### MAIN TASKS

- Define and execute exploratory research projects based on discussions with top management and the business development team.
- Provide Computer-Aided Drug Design support in drug discovery projects for our customers.
- Be aware of CADD state-of-the-art to connect the dots and impact the company's roadmap.
- Potentially, provide support in development of new features to Pharmacelera's products.

### WHAT WE OFFER

- Immediate incorporation through a full-time contract with flexible working conditions.
- Unique opportunity to have an impact in the scientific and technical roadmap of the company.
- Important professional growth opportunities in a dynamic and innovative company with a strong network in the United States and Europe.
- Join a top-notch multi-disciplinary team including computer engineers, bioinformaticians, medicinal chemists, computational chemists and business developers.

### APPLICATIONS

Candidates shall send their CV and a motivation letter to [hr@pharmacelera.com](mailto:hr@pharmacelera.com)