COMPUTATIONAL CHEMIST

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

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 (Hit Finding, 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 in small molecules.
- Experience in Drug Discovery, using structure-based and ligand-based approaches.
- Experience in installing and using molecular modeling software, including open-source packages.
- Versed in script programming (Python, shell) or Knime.
- 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.
- Due to timing constraints, EU working permit is a must. Do not apply otherwise.
- PhD degree and 2 years of experience either post-doc or in an industrial environment.
- Background and/or experience in Machine Learning preferred, but not mandatory.

MAIN TASKS

- Participate in scientific conversations with customers brought in by the business development team.
- Define and execute computational chemistry service projects with customers.
- Provide support in exploratory research projects based on discussions with the services, business development and the research and development teams.
- Be acquainted with Computer-Aided Drug Design state-of-the-art technologies, tools and trends to impact the company's roadmap.

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.
- Be part of 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

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