



Period : 15 months

Laboratory : Institut de Chimie Organique et Analytique, UMR 7311  
Université d'Orléans - Pôle de chimie  
Rue de Chartres - BP 6759  
45067 Orléans Cedex 2  
France

**An open post-doctoral position in the Structural Bioinformatic & Chemoinformatic team (SB&C) at the ICOA research center of the University of Orléans (France).**

The ICOA (Institute of Organic and Analytical Chemistry), located in the heart of the campus of the University of Orléans, gathers more than 120 persons, including researchers, post-doctoral researchers, PhD students, engineers, technicians, and administrative staff. Activities of the research center are focused on the chemical sciences of bioactive molecules. The main objective of our research activities is to discover novel bioactive molecules having potential applications as drugs, imaging/mechanistic probes or as components of cosmetic formulations.

The post-doctoral position is open in the Structural Bioinformatics and Chemoinformatics (SB&C) team led by Pr. Pascal Bonnet. The SB&C team develops and applies new *in silico* methods in the aim of understanding and designing molecular structures and their interactions with biomolecular entities and also to design new innovative and active compounds in the fields of therapeutic innovation, cosmetics and analytical chemistry.

The recruited post-doc will be involved in collaborative projects between the SB&C team and chemical synthesis partners from the lab or external partners. Focused on structure drug design and synthetic feasibility, these research projects will require notably molecular docking experiments and chemoinformatics knowledge. Skills in the python programming language are highly recommended to facilitate the use of the tools developed in the team.

Profile requirements

- PhD in bioinformatics or chemoinformatics
- Good skills in chemoinformatics, molecular modeling and structural bioinformatics, especially in molecular docking and virtual screening
- Proficiency with at least one programming language (python preferably)
- Knowledge in Linux environment

Please send a CV and the name of two references to [samia.aci-seche@univ-orleans.fr](mailto:samia.aci-seche@univ-orleans.fr) and [pascal.bonnet@univ-orleans.fr](mailto:pascal.bonnet@univ-orleans.fr)