Postdoctoral position in Cheminformatics / Computational Chemistry
- Cancer Research Center of Marseille, France -

A postdoctoral position is available at the the Cancer Research Center of Marseille (CRCM) in the 'integrated Structural and Chemical Biology' (iSCB) Team co-led by Drs. Yves Collette and Xavier Morelli. **The position is funded by the Agence Nationale de la Recherche (ANR)** and is expected to **start in December 2022 for 24 months** with the possibility of extension.

The CRCM is biomedical research center of excellence located next the Institut Paoli-Calmettes cancer care center. The CRCM hosts researchers and clinicians to promote an outstanding environment for training and discovery throughout the continuum of fundamental to translational research. For more information, visit https://www.crcm-marseille.fr/equipes/equipes-de-recherche/yves-collette-et-xavier-morelli/

About this opportunity:
We are seeking a Cheminformatics / Computational Chemistry Scientist for a postdoctoral position with the goal of creating and refining semi-automated hit-to-lead optimization tools to improve outcomes in early-stage drug discovery. The candidate will take a lead role in applying these tools to challenging oncology/immune-oncology drug discovery projects ongoing in our team. The candidate will have a solid understanding of Cheminformatics and Drug Design principles with an interest in Structural Biology. As a research engineer / postdoc you will join our international team composed of synthetic chemists, molecular modelers, informaticists, biochemists, structural biologists, and biologists in an outstanding and competitive scientific environment.

Our ideal candidate:
We are looking for a highly motivated and innovative person who obtained her/his PhD and has strong verbal and written communication skills as well as the ability to work independently and as part of a project team in a fast-paced environment.
- PhD in Cheminformatics, Computational Chemistry, or a related field
- Solid knowledge of Cheminformatics principles: data mining, fingerprints, chemical motifs, molecular properties, prediction, and validation
- Knowledge of structure-based drug design and structural biology modeling tools
- Ability to critically evaluate complex scientific data to provide recommendations to the project team
- Solid experience in programming in bash/Linux (preferably), Python, R, or Java
- Experience in SQL database modelling and programming
- A creative accountable person with great communication skills who thrives in a "biotech-like" environment
- Excellent organizational skills, personal initiative and detail oriented
- Fluent in English, French language is a plus

We value diversity and inclusion, and actively encourage applications from those who bring diversity to the team and CRCM.

Ready to Apply?
Please send your full CV, a brief motivation letter (1 page) and contact details for two references in an email to Xavier Morelli (xavier.morelli@inserm.fr) and Thomas Miller (thomas.miller@inserm.fr), subject: Postdoc-ANR-2022

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e-mail: xavier.morelli@inserm.fr and thomas.miller@inserm.fr