

JOB OFFER – Post doctoral research assistant

COSSBA team, situated in the pleasant city of Lyon, is part of UMR CNRS 5246 ICBMS and is dedicated to the design and synthesis of biologically active substances in infectiology / cancerology. Located at the faculty of Pharmacy of Lyon (Rockefeller campus of University Claude Bernard Lyon 1), our laboratories are well equipped for the preparation, purification and analysis (LC-MS...) of organic compounds.

To develop a project on kinase inhibitors targeting other regions than the ATP binding site, our team is seeking for a post-doctoral research assistant.

The post-doctoral research assistant will be in charge of the development of new series of kinase inhibitors, based on structural and biophysical data, keeping in mind ADMETox requirements.

In close collaboration with bioinformaticians' and biochemists' teams, he/she will prepare small molecules that will be evaluated thereafter for their kinase inhibitory properties, interactions with the target and for cellular activities.

The recruited person must have advanced skills and knowledge in organic synthesis, medicinal chemistry and analytical sciences. In addition to synthesis, purification and characterization (NMR, MS...) of small molecules kinase inhibitors, the candidate should have additional knowledge in structural/chemical biology. It would be also beneficial for the project that he/she could be able to realize/interpret interaction studies, mainly by Nuclear Magnetic Resonance but also by using Surface Plasmon Resonance or BioLayer Interferometry. While not mandatory, knowledge in molecular modelling would be appreciated.

The position will be available on the mid/end of January, 2021 and the recruitment process will be done in two phases:

- 1) sending of CV and cover letter (both in French or English), recommendation letters from post-doc and/or PhD supervisor(s).
- 2) personal interview using videoconference facilities

Net salary will be comprised between 1864-2341 €, depending on personal experience.

For further information and documents sending, please contact Pr. Thierry LOMBERGET, PI:
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