

March 2023

AVAILABLE PhD POSITION IN SYNTHETIC ORGANIC CHEMISTRY

Our research group, located at UMR 6014 COBRA-CNRS Rouen, in collaboration with Prof. Hélène Lebel from the University of Montréal is currently looking for a highly motivated PhD fellow (**starting date autumn 2023**). Website: <http://www.lab-cobra.fr/?equipe=synthese-de-biomolecules-fluorees> and the Lebel's group (University of Montréal) for [more details](#).

To face contemporary concerns, the development of eco-friendly transformations especially based on C-H bond activation is a timely topic. Recently, our research group, "Synthesis of fluorinated molecules" in Rouen, has successfully designed innovative transformations. Willing to push beyond the boundaries of knowledge in C-H bond activation, the development of modern and sustainable tools based on C-H bond functionalization using state-of-the-art technologies will be studied. This collaborative project between Lebel (Canada) and Besset (France) aims at developing novel continuous flow transition-metal catalyzed processes to perform challenging remote C-H bond activations and produce key scaffolds for organic chemistry, namely in agrochemical and pharmaceutical active ingredients.

Application: To support this research program, we are looking for an outstanding and highly motivated candidate to pursue their PhD within our groups (18 months in France and 18 months in Canada). He/She will have a strong background in organic synthesis with excellent theoretical and experimental skills. We are looking for dedicated, curious, and hard worker candidates. Moreover, the candidates should have good communication skills, a good team spirit and will take benefit from an international research environment.

Requirement for the position: a Master degree in organic chemistry.

For application:

Applications should be sent by e-mail to Dr. Tatiana Besset (CNRS Research Associate, Contact: tatiana.besset@insa-rouen.fr) including:

- A detailed CV including at least two referees, able to be contacted (Note that the recommendation letters must be directly sent from the referees to the contact person).
- A cover letter & a short research summary
- Engineer school and Master Research (2) grades