

PHD POSITION IN ORGANIC CHEMISTRY

The group of Prof. Shawn Collins (Université de Montréal) and the group of Prof. Thomas Poisson (INSA Rouen Normandie - UMR 6014 COBRA) are looking for an outstanding PhD candidate.

Project description:

This project, *co-funded by the Université de Montréal, EUR XLCHEM and the Région Normandie*, is part of our recent collaborative research program dedicated to the development of electrophotocatalytic reactions. The project is based on the innovative combination of copper photocatalysis and electrosynthesis to develop more eco-friendly process. This project will be carried out in Canada (50%) and in France (50%). The selected candidate will take benefit from the excellent research environment from the Université de Montréal and the UMR 6014 COBRA.

The PhD student will be in charge of the experimental work, analysis (NMR...) and the writing of scientific reports. The PhD student will join and will take benefit from an international research environment and the excellent research facilities from the UMR6014 COBRA and the Université de Montréal to conduct the project (photoreactors, large set of LEDs, flow machines, electrochemical setup...).

Profile:

The candidate should have a **Master degree in organic chemistry** or a **French Engineer diploma**. The candidate should have a strong background in organic synthesis particularly in the development of new methodologies. An experience in photocatalysis or electrochemical synthesis would be an asset (*but not mandatory*).

We are looking for a dedicated and highly motivated candidate with excellent communication skills in English and/or French.

Starting date: October 1st 2024

Location: UMR 6014 COBRA, IRCOF, rue tesnière, 76821 Mont Saint Aignan, France.
Université de Montréal C.P. 6128 Station Downtown Montréal, Québec

Websites: <http://www.lab-cobra.fr/?equipe=synthese-de-biomolecules-fluorees>
<https://www.insa-rouen.fr/recherche/chercheurs/tpoisson>

For application:

Applications should be sent by e-mail to Prof. Thomas Poisson (Professor of Chemistry at INSA Rouen Normandie, thomas.poisson@insa-rouen.fr) and should include:

- A detailed CV with at least two referees, able to be contacted (*letters must be directly sent from the referees to the contact person*)
- Master or engineering school marks
- A cover letters
- A short research summary

The review of applications will continue until the position is filled.