

UMR 6014-COBRA

Equipe “ Synthèse de Biomolécules Fluorées”

Rouen University and INSA Rouen

URL:<http://www.lab-cobra.fr/?equipe=synthese-de-biomolecules-fluorees>**Topic: Offer for a PhD thesis position****When organofluorine chemistry meets C-H bond activation:
an original solution to access unprecedented fluorinated compounds.**

This project aims at tackling fundamental research questions such as how to access fluorinated compounds in a sustainable manner. This fundamental project will offer synthetic tools to the organic chemistry community to synthesize fluorinated molecules. Indeed, this class of compounds is of paramount importance and over the years, the scientific community put a lot of efforts to push forwards the frontiers of knowledge in this active research field. By designing original transformations using 3d row metals and new reagents, an access to a large portfolio of fluorine-containing molecules will be possible.

Recently, our research group “Synthesis of fluorinated molecules” headed by Prof. P. Jubault, has successfully designed new fluorinated reagents and developed innovative transformations. Thanks to our current expertise, we aim at developing new unprecedented fluorinated reagents combined with C-H bond functionalization reactions to get further insights in this research field. To support this research program, we are looking for an outstanding and highly motivated candidate to pursue a PhD thesis within our group.

Application

To support this research program, we are looking for an outstanding and highly motivated candidate to pursue his PhD with in our group. He or she will have a strong background inorganic chemistry. The applicant should be highly motivated, autonomous and have a good team spirit.

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

Applications should include a cover letter and a detailed CV with the name and address of two references.

Approximate salary: 1300euros per month.

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