

## PhD Position in Organic Chemistry

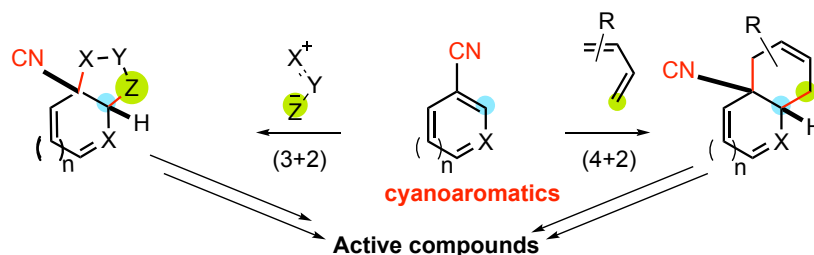
### Thesis subject:

“Dearomatization by Selective Functionalizations of Cyanoaromatics”

**Opportunity:** fully funded 3 years PhD studentship in synthetic organic under the supervisions of Pr. Isabelle Chataigner and Dr Laëticia Chausset-Boissarie at the Rouen Normandie University. The studentship will begin in october 2025.

**Project:** The central goal of this PhD project is to develop innovative dearomative synthetic strategies aimed at efficiently transforming the aromatic core of cyanoaromatics to produce new compounds of interest in pharmaceutical, cosmetic, agrochemical, and innovative materials fields. Cyanoaromatics are readily accessible compounds often used through transformations involving the CN group. We aim, here, to explore the reactivity of their aromatic nucleus and develop original dearomatization methodologies starting from cyanoarenes and their derivatives. This will allow the efficient construction of complex three-dimensional molecular structures of interest.

### Dearomatization Reactions with cyanoaromatics



### Details

- **Location** : CARMEN Institute (ex-COBRA Lab), UMR CNRS 6064, University of Rouen-Normandie, Bâtiment IRCOF, Mont Saint Aignan, France (<https://www.lab-cobra.fr/>).
- **Funding** : University of Rouen Normandie– full time (doctoral contract) (2135 €/month)

### Candidate profile

The candidate should have a strong experience in molecular organic chemistry with excellent theoretical and experimental skills. We are looking for a creative, experienced and highly motivated candidate with very good communication skills in French and/or English.

### Application procedure

Please send your application including a CV, motivation letter, and 2 reference contacts by e-mail to Dr Laëticia Chausset-Boissarie ([laetitia.chausset@univ-rouen.fr](mailto:laetitia.chausset@univ-rouen.fr)) and Pr. Isabelle Chataigner ([isabelle.chataigner@univ-rouen.fr](mailto:isabelle.chataigner@univ-rouen.fr))