



Polymères
Biopolymères
Surfaces
UMR 6270



Normandie Université



UNIVERSITÀ
DEGLI STUDI
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PeptLab
INTERDEPARTMENTAL RESEARCH
UNIT OF PEPTIDE AND PROTEIN
CHEMISTRY AND BIOLOGY

Laboratoire Polymères, Biopolymères, Surfaces, UMR 6270 CNRS
Université de ROUEN NORMANDIE in France
Department Ugo Schiff, PeptLab
University of Firenze in Italy

PHD POSITION IN POLYMER CHEMISTRY

Protein-based films in food packaging: development and characterization

Prof. Anna-Maria Papini (Université de Florence, Italie, PeptLab) and Dr. Nadège Follain (Université de Rouen Normandie, France, laboratoire PBS UMR6270 CNRS) are supervising a scientific project dealing with protein-based films and characterization and are looking for an outstanding PhD candidate.

Project description

This project, co-funded by the University of Firenze (Italy), EUR XL-Chem and the Région Normandie, deals with the development of sustainable packaging with improved functions positively impacting the food product quality. Building on the partners' skills to develop creative formulations to impart desired properties to new active proteins-based packaging is the basis of the joint project to challenge plastic packaging. The understanding of proteins-formulation-structure-properties relationships is decisive to explore industrial scale potentialities.

Profile

The candidate should have a Master degree **in polymer chemistry** or a French Engineer diploma. A strong background in polymer chemistry, material chemistry, process and characterizations is required. Knowledge of transport/barrier properties would be appreciated. We are looking for a dedicated and highly motivated candidate with good communication skills in English and/or French.

Starting date: November 1st 2024

Location: University of Firenze (Italy) for 18 months (Interdepartmental Research Unit of Peptide & Protein Chemistry & Biology, PeptLab, Via della Lastruccia 13, I-50019 Sesto Fiorentino) and University of Rouen Normandy for 18 months (UMR6270 CNRS, boulevard Maurice de Broglie, 76521 Mont Saint Aignan).

For application

Applications should be sent by e-mail to Dr. Nadège Follain (associate Professor at University of Rouen Normandy, nadege.follain@univ-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 regarding with the master internship

The review of applications will continue until the position is filled (until 31st of May, 2024).