

11 PhD positions available

within the project:

ENSCC - European Network on the Supramolecular Chemistry of Carbohydrates

a Marie Skłodowska-Curie European Doctorate Network (DN)

funded by the European Commission (Grant agreement no: 101119492).

4 academic groups, 2 research institutes and 2 industrial partners, with expertise in supramolecular chemistry, carbohydrate synthesis, conjugation techniques, nanotechnology, and molecular glycobiology are looking for young and passionate students for an international PhD program.

AVAILABLE POSITIONS:

DC01 - Streamline Binding Studies (Utrecht University, The Netherlands)

DC02 - Peptide-based receptors (Utrecht University, The Netherlands)

DC03 - Covalent podands and macrocycles for the molecular recognition of carbohydrates (Università degli Studi di Firenze, Italy)

DC04 - Development of saccharide analogues for protein functionalization and as ligands for binding studies with carbohydrate binding molecules (CBM)s. Multivalent presentation of CBMs (Università degli Studi di Firenze, Italy)

DC05 - Foldamers as supramolecular protecting groups and molecular flasks for selective chemistry of carbohydrates in organic solvents (CNRS, France)

DC06 - NMR-based binding screening and structural studies (CICbioGUNE, Spain)

DC07 - Tailored foldamers for the supramolecular sensing of carbohydrates (Ludwig Maximilians Universität München, Germany)

DC08 - Supramolecular protecting groups for carbohydrate synthesis (University of Copenhagen, Denmark)

DC09 - Functionalization and labelling of recombinant proteins with sugars for NMR interaction studies (Giotto Biotech s.r.l., Italy)

DC10 - NMR methods for the characterization of protein-ligand interactions at the mutation hotspot (Atlas Molecular Pharma, Spain)

DC11 - Macropolycyclic hydrogen bonding cages for carbohydrate recognition in water (University of Bristol, UK)

**SEND YOUR APPLICATION
FROM 01/03/2024
TO 15/04/2024**

ELIGIBILITY CRITERIA

- You should not have resided or carried out your main activity (work, studies, etc.) in the destination country for more than 12 months in the last 3 years
- No previous Ph.D

Project's descriptions, specific eligibility criteria, as well as application instructions and contacts are available on the project's website www.enscc.eu



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