



Lisa Moni

Professore Associato

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Education and training

2009

PhD in Chemical Sciences

Synthesis and biological properties of multivalent glycoside ligands.

University of Ferrara - Ferrara - IT

2015

Specialist degree (five-year program) in Medicinal Chemistry and Technology

Synthesis and reactivity of 6- aminomannofuranoside A versatile scaffold for the preparation of molecules of potential biological interest. - 110/110 cum laude University of Florence - Florence

- IT

Academic experience

2022 - present

Associate Professor (CHIM 06)

University of Genoa - Genoa - IT

2019 - 2022

RTD-B

University of Genoa - Genoa - IT

2015 - 2019

RTD-A

University of Genoa - Genoa - IT

2011 - 2015

Post-doctoral fellow

University of Genoa - Genoa - IT

2010 - 2011

Post-doctoral fellow

Université Joseph-Fourier de Grenoble - Grenoble - FR

2009 - 2010

Post-doctoral fellow

University of Ferrara - Ferrara - IT

Language skills

Italian

Mother tongue

French

Indipendet

English

Proficient

Teaching Activity

Courses (from 2016): Organic Chemistry and Laboratory (B.S. in Biotechnology); Course (from 2022): bioorganic chemistry (BS. In Chemistry and Chemical Technologies); Assistance for Organic Chemistry II and Laboratory (B.S. in Chemistry and Chemical Technologies); Course (from 2020): Science for Sustainability (IANUA – UNIGE); Since 2014 on LM has supervised and co-supervised several Bachelor, Master and PhD Students.

Postgraduate research and teaching activity

Postgraduate (PhD) teaching activity Course (2 CFU) within the PhD School of Sciences e Technologies of Chemistry and Materials, University of Genoa: Title: "The ideal synthesis nowadays: lessons from the synthesis chemist nature".

Interessi di ricerca

During PhD and PostDoc, I have gained skills in fields such as chemistry of biomolecules (carbohydrates, nucleotides, peptides), having the opportunity to work at interdisciplinary projects moving from organic chemistry to nanotechnologies (i.e. microarrays, functionalized silica gels, nanoparticles). Since 2011, I have been working at the University of Genova in the Bioorganic Chemistry Group, where I became Associate Professor in 2022. My present research interests regard the development of original methodologies involving multicomponent reactions using catalysis (bio-, metal-, carbo-, and photo-catalysis). Finally, I am also active in custom organic synthesis both of libraries and of APIs in collaboration with private companies.

Grants

2018 - 2021

BIODEST - Synthesis Characterization Structure And Properties Of Novel Biodegradable Polyesters

UE

2019 - 2023

PRIN 2017 "New Approaches in Nanocarbo-catalysis for organic transformations"

MIUR

2023 – in corso

PRIN 2022 PNRR "Thorough Upcycling of Rice waste biomass into BiOactive PACKaging via chemoenzymatic processes (TURBOPACK)"

MIUR

Editorial Activity

- 1) Associate Editor for: Frontiers in Chemistry, Organic Chemistry
- 2) Guest Editor for Molecules.
- 3) Reviewer for: Frontiers In Chemistry – Organic Chemistry; Chemical Science; European Journal of Organic Chemistry, Mini-Reviews in Medicinal Chemistry, International Journal of Molecular Sciences, Molecules, Synthetic Communications, Marine Drugs.

Outreach

I am involved in dissemination initiatives, such as laboratories for Science Festival in Genova and the Mole Day, competition for High School.