

BEATRICE ROSETTI

ABOUT ME

I am a recent graduate passionate about organic chemistry and pharmaceutical chemistry.

EDUCATION

Master Degree in Chemistry

University of Trieste (Italy) | October 2020 - December 2022

Graduation mark: 110/110 cum laude

Organic Biomolecular Chemistry

"Tripeptides as inhibitors of insulin fibrillation"

Supervisor: Silvia Marchesan, marchesanlab.com

Bachelor Degree in Chemistry

University of Trieste (Italy) | October 2017 - September 2020

Graduation mark: 110/110

"Natural non-proteinogenic α -amino acids"

Supervisor: Fulvia Felluga

Certification of the acquisition of 24 cfu for teaching

Telematic University Pegaso | September 2022 - October 2022

SCIENTIFIC PUBLICATION

Mosetti, V.; Rosetti, B.; Pierri, G.; Bellotto, O.; Adorinni, S.; Bandiera, A.; Adami, G.; Tedesco, C.; Crosera, M.; Magnano, G. C.; Marchesan, S., Cyclodipeptides: From Their Green Synthesis to Anti-Age Activity. *Biomedicines* **2022**, 10 (10), 2342.

Rosetti, B.; Scarel, E.; Colomina-Alfaro, L.; Adorinni, S.; Pierri, G.; Bellotto, O.; Mamprin, K.; Polentarutti, M.; Bandiera, A.; Tedesco, C.; Marchesan, S., Self-Assembly of Homo- and Hetero-Chiral Cyclodipeptides into Supramolecular Polymers towards Antimicrobial Gels. *Polymers* **2022**, 14 (21), 4554.

Marin, D.; Bartkowski, M.; Kralj, S.; Rosetti, B.; D'Andrea, P.; Adorinni, S.; Marchesan, S.; Giordani, S., Supramolecular Hydrogels from a Tripeptide and Carbon Nano-Onions for Biological Applications. *Nanomaterials* **2023**, 13 (1), 172.

Rosetti, B.; Marchesan, S., Peptide Inhibitors of Insulin Fibrillation: Current and Future Challenges. *Int. J. Mol. Sci.* **2023**, 24 (2), 1306.

WORK EXPERIENCE

Work at Italian Basketball federation (FIP):

Trieste (Italy) | February 2021 – current

• Basketball official (scorer and timekeeper)

Tutor:

Trieste (Italy) | September 2018 - current

Tutored middle and high school students in mathematics, chemistry and physics.

Volunteer for Trieste city of science -Trieste Next:

Trieste (Italy) | 28-30 September 2018

Volunteer at Spazio Elettra

Date 21/04/2023

Singature



CONTACTS

LANGUAGES

ITALIAN - Native

ENGLISH - Good

COMPUTER KNOWLEDGES

•••• Microsoft Office Suite

•••• Origin

•••• Pymol

PERSONAL SKILLS

Teamwork

Empathy and curiosity

Reliability and
proactivity

Organized and

Persistence

Relationship-oriented

Basic use of HPLC, LC-

MS, NMR, CD, DSC

instrument

Good use of ZEISS

microscope

Anti-age assay

Citotoxicity assay (MTT

assay, Live-Dead test)