

EDUCATION

Master degree course in Medicinal Chemistry and Pharmaceutical Technologies

Grade: 110/110 cum laude and special career mention

Master thesis title:

“Design and synthesis of potential multitarget inhibitors of mPGES-1, 5-LO and FLAP”.

WORK EXPERIENCE

Pharmacy internship at Farmacia Ruggiero, Naples, Italy

2019

Preparation of galenic products, store product management

University lab work for thesis at Federico II University, Naples, Italy

10/2019-07/2020

Synthesis and purification of a library of small oxadiazolic derivatives as new potential multitarget inhibitors involved in inflammation and cancer

Erasmus Internship at Heinrich-Heine-Universität, Düsseldorf, Germany

04/2021-10/2021

Synthesis and purification of sulfonamide derivatives as new potential multitarget inhibitors of H3 and Carbonic Anhydrase for topical ocular administration in the treatment of Glaucoma.

Temporary Employment Contract at Musée National d'Histoire Naturelle, Paris, France

11/2021-12/2021

Exploration of the chemical diversity of new strains of benthic cyanobacteria. Purification of marine cyanobacteria fractions through HPLC, NMR and MS analysis for the structure elucidation of the purified compounds.

TECHNICAL SKILLS

- Synthesis and purification methods: manual and mechanical column chromatography (Biotage® machine), HPLC, TLC, UV-vis, NMR, mass machines, LC-MS TLC-MS Advion Plate Express™, High Vacuum Pump, lyophilizer, Microwave Synthesizer (Biotage® machine).
- Software: Mestrenova, Chemdraw, Clarity, Advion CheMS Express, Pymol, Sci-finder, Reaxys
- Digital skills: Office Pack (Word, Excel, PPT)

SOFT SKILLS

Team working,
Communication,
Problem solving,
Work under-pressure

LANGUAGE SKILLS

English : fluent
Italian : native
Spanish : beginner

Other experiences:

- Keyboard player for “K’amma Funk” band, release of two new tracks available on Spotify and Youtube.
- Two times qualified for Judo Italian Championship FIJKAM (2012 2013)
- Two times Regional Judo Champion FIJKAM (2012 2013)
- Italian Judo Champion AICS (25 Aprile 2012, Lignano Sabbiadoro)