

Vincenzo Patamia



Personal information

Nationality: Italian
Date of birth: 21 July 1992
Birthplace: Acireale (CT)

Education

Currently PhD student at second year in Chemical Sciences at University of Catania (CT), Italy.

Research project: "Cycloadditions and reductive aminations catalyzed by tetrahedral complexes in aqueous environment".

Master's Degree in Material Chemistry achieved the 28/03/2018 with 110/110 at University of Catania (CT), Italy.

Degree's thesis: " γ -Cyclodextrin as a Catalyst for the Synthesis of 2-Methyl-3,5-diarylisoaxazolidines in Water".

Bachelor's Degree in Environmental and food toxicology achieved the 23/07/2015 with 104/110, at University of Catania (CT) Italy.

Degree's thesis: "Environmental exposure and reproductive health: molecular biomarkers".

Foreign languages

English: Certificate issued by the CILE (European linguistic information centre) B1 level.

Instruments operated

pH meter, analytical scale, Nuclear Magnetic Resonance Spectroscopy 200 and 500 MHz, Chromatography Techniques: TLC, column chromatography, HPLC, centrifugal thin layer chromatography.

Personal skills

Excellent ability to solve problems, good communication skills acquired during experience of contact with the public gained over several years. High ability to socialize and work in groups.

Computer skills

Suite OFFICE (Word, Excel, P.Point, Outlook); Google Scholar, Scifinder, Scopus; ChemDraw; Winmostar, Mopac.

Work Experiences From March 2018 to October 2018:
Volunteer researcher in Organic Chemistry, Department of drug sciences, University of Catania (Italy)
Research project: Cucurbit[7]uril as a Supramolecular Nanoreactor.

Transfers Full availability.

Papers:

“Putative Inhibitors of SARS-CoV-2 Main Protease from A Library of Marine Natural Products: A Virtual Screening and Molecular Modeling Study.” Davide Gentile, Vincenzo Patamia, Angela Scala, Maria Teresa Sciortino, Anna Piperno and Antonio Rescifina. *Mar. Drugs*. **2020**, DOI: 10.3390/md18040225.

“Cucurbit[7]uril as a catalytic nanoreactor for one-pot synthesis of isoxazolidines in water.” Davide Gentile, Giuseppe Floresta, Vincenzo Patamia, Angelo Nicosia, Placido G. Mineo and Antonio Rescifina. *Org. Biomol. Chem.* **2020**, DOI: 10.1039/c9ob02352f.

“Re-Tasking of Approved FDA Drugs for Iatrogenic Botulism Treatment: A Paired 3D-QSAR/Docking Approach.” Giuseppe Floresta, Vincenzo Patamia, Davide Gentile, Franco Molteni, Andrea Santamato, Antonio Rescifina and Michele Vecchio. *Chem. Med. Chem.* **2019**, DOI: 10.1002/cmdc.201900594

“Computational Tools in the Discovery of FABP4 Ligands: A Statistical and Molecular Modeling Approach.” Giuseppe Floresta, Davide Gentile, Giancarlo Perrini, Vincenzo Patamia and Antonio Rescifina. *Mar. Drugs*. **2019**, DOI: 10.3390/md17110624.

Conference and Meeting:

- **Oral presentation** at the meeting of Italian Chemical Society, sections: Sicily and Calabria.
Title of presentation: “Synthesis of cucurbit[7]uril assisted by molecular template and its application against 1,3-dipolar cycloadditions”. Vincenzo Patamia, Davide Gentile, Giuseppe Floresta, Antonio Rescifina.
date: 1-2/03/2019, Palermo (Italy).
- **Oral presentation** at the meeting of Italian Chemical Society, division: Organic Chemistry.
Title of presentation: “Self-Assembled Nicotinic Acid-Based Tetrahedral Hosts as Supramolecular Catalysts: Synthesis and First Applications”. Vincenzo Patamia, Davide Gentile, Giuseppe Floresta, Antonio Rescifina.
date: 08-12/09/2019, Torino (Italy).
- **Poster presentation** at the meeting of Italian Chemical Society, division: Organic Chemistry.

Title of poster: “Sigma-1 Receptors: Computational Model to Predict the Agonist/Antagonist Effect”. Vincenzo Patamia, Davide Gentile, Giuseppe Floresta, Carla Barbaraci, Maria Dichiara, Emanuele Amata, Agostino Marrazzo, Antonio Rescifina.

date: 08-12/09/2019, Torino (Italy).

The undersigned, pursuant to on the confidentiality of personal data, claims to have been fully informed of the purposes and methods of data processing knowingly provided in this curriculum and to authorize the use and storage in the database.

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