

Chiara Brullo

Associate professor

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Education and training

1999

Degree in chemistry and pharmaceutical technology

Synthesis of 2-amino and 2-cycloamino-5H-benzopyrane 43-d pyrimidine 5-alkyl / cycloalkylamines substituted (new fans without gastrolesive activity)
- 110/110 cum laude

University of Genova - Genova - IT

2003

PhD in Pharmaceutical chemistry

Design synthesis and biological evaluation of new benzopyrane 43-d pyrimidine with antiplatelet activity

Università di Genova - Genova - IT

Academic experience

2016 - ONGOING

Associate professor

University of Genova - Genova - IT
teaching and research

2010 - 2016

Research

University of Genova - Genova - IT
teaching and reasearch

2003 - 2010

Research fellow

Universiy of Genova - Genova - IT
research

2000 - 2003

PhD student

University of Genova - Genova - IT

Language skills

English

Independent

Teaching activity

- 2011/2012 course “Tecniche computazionali di progettazione e sintesi dei farmaci” (6CFU) degree course in Biothechnology, University of Genova.
- 2011/2012 course “Basi molecolari dei farmaci” (2CFU) SSFO, University of Genova; course “Tecniche computazionali di progettazione e sintesi dei farmaci” (6CFU), degree course in Biothechnology, University of Genova.
- 2013/2014 course “Analisi dei medicinali II” (10 CFU), Degree course in Chemistry and Pharmaceutical Technologies, University of Genova; course “Tecniche computazionali di progettazione e sintesi dei farmaci” (6CFU) degree course in Biothechnology, University of Genova.
- 2014/2015 course “Analisi dei medicinali II” (10 CFU) Degree course in Chemistry and Pharmaceutical Technologies, University of Genova.
- 2015/2016 course “Analisi dei medicinali II” (8 CFU) Degree course in Chemistry and Pharmaceutical Technologies, University of Genova.
- 2016/2017 course “Analisi dei medicinali II” (8 CFU) Degree course in Chemistry and Pharmaceutical Technologies, University of Genova; course “Chimica farmaceutica e biotecnologie farmaceutiche e laboratorio” (3.5CFU) degree course in Biothechnology, University of Genova.
- 2017/2018, 2018/2019, 2019/2020 course “Analisi dei medicinali II” (8 CFU) Degree course in Chemistry and Pharmaceutical Technologies, University of Genova; course “Chimica farmaceutica e biotecnologie farmaceutiche e laboratorio” (3.5 CFU) degree course in Biothechnology, University of Genova; course “Analisi dei medicinali II” (8 CFU) Degree course in Pharmacy, University of Genova; titolare del corso “Farmaci Biotecnologici” (1CFU), Degree course in Pharmacy and Chemistry and Pharmaceutical Technologie, University of Genova.
- 2019/2020 course “Farmaci del SNC: Aspetti chimico-farmaceutici ” (1 CFU) SSFO, University of Genova.

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

2018/2019 research scholarship tutor (PhD Elda Meta), title: “Development of new chemotaxis inhibitors as anti-metastatic drugs”.

2019/2021 PhD tutor (PhD student Federica Rapetti), Doctorate in Sciences and Technologies of Chemistry and Materials, curriculum: SCIENZE FARMACEUTICHE, ALIMENTARI E COSMETOLOGICHE title: 'New therapeutic

applications of phosphodiesterases 4 inhibitors (PDE4I)'.

PhD committees membership

From 1 November 2019 member of PhD board in 'Sciences and Technologies of Chemistry and Materials'.

Postgraduate (PhD) teaching activity

2017/2018 and 2019/2020 course 'Bibliographic and patent research in pharmaceutical sciences' (2CFU), PhD course in 'Sciences and Technologies of Chemistry and Materials', University of Genoa.

Research interests

The main areas of research are:

- Synthesis of benzopyano-pyrimidines and coumarines compounds as antiaggregating platelet;
- Synthesis of new ligands for A1 and A3 adenosine receptors;
- Synthesis of Src-Abl inhibitors pyrazolo-pyrimidines as new anticancer agents;
- Synthesis of pyrazole and imidazo-pyrazole as neutrophil chemotaxis inhibitors (patented derivatives);
- Synthesis of Rolipram-related compounds as PDE4D inhibitors (patented derivatives).

Grants

2011 - 2014

IIRG-11-208306

Grant Alzheimer Association 2011 IIRG-11-208306 - US Participant