

Paola Alletto

Email: paola.alletto@phd.units.it

Education

University of Trieste – Trieste, Italy PhD - Chemistry Supervisor: Prof. Silvia Marchesan	01/2024 - now
University of Trieste – Trieste, Italy Master's degree in Chemistry – Organic-Biomolecular Chemistry Final mark: 110/110 cum laude Final thesis: Towards Peptidase supramolecular mimics Supervisor: Prof. Silvia Marchesan	10/2021 - 10/2023
University of Palermo – Palermo, Italia Undergraduate degree in Chemistry Final mark: 109/110 Final thesis: Synthesis and properties of modified cyclodextrins for enzyme mimicry. Supervisor: Prof. Paolo Lo Meo	09/2018 – 10/2021
Liceo Classico Statale “Empedocle” - Agrigento, Italy Classical Studies - High school diploma Final mark: 100/100	09/2013 - 07/2018

Work experience

Vising PhD Student – Jozef Stefan Institute, Ljubljana, Slovenia Synthesis and characterisation of silica particles for advanced materials Contact person: Dr. Slavko Kralj	07/2025 – 12/2025
Organic Chemistry Tutoring – University of Trieste Contact person: Prof. Paolo Tecilla, Prof. Silvia Marchesan	03/2025 – 06/2025
Stage as visiting researcher – University of Trieste Peptide Synthesis and supramolecular systems preparation for amidolytic activity Contact person: Prof. Silvia Marchesan	10/2023 – 12/2023
Organic Chemistry Tutoring - University of Trieste Contact person: Prof. Paolo Tecilla, Prof. Silvia Marchesan	10/2023 – 05/2024
Erasmus+ Traineeship – University of Castilla-La Mancha, Ciudad Real, Spain Peptide synthesis and hydrogel formation for amidolytic activity Supervisors: Prof. Silvia Marchesan, Dr. Ana Maria Garcia Fernandez	03/2023 – 08/2023
Laboratory Tutoring – University of Trieste Contact person: Prof. Neil James Hickey	10/2022 – 12/2022
Traineeship – CNR-ISMN – Palermo, Italy Synthesis and characterisation of materials with catalytic activity Supervisor: Dr. Maria Luisa Testa	05/2021 – 09/2021

Languages and informatic skills

Languages: Italian (native), English (B2), Spanish (uncertified)

Operating systems: Windows, iOS

Softwares: Office 365, Origin, ChemDraw, ChemSketch, MestreNova, PyMOL, GIMP, LabSpec

ECDL Certificate

07/2012

More activities and experiences

Tutor of Erasmus+ Visiting Master Student Supervisor: Prof. Daniela Kalafatovic Student: Gaia Hinic	02/2025 - 07/2025
Tutor of Erasmus+ Visiting Master Student Supervisor: Prof. Daniela Kalafatovic Student: Ena Drazic	03/2024 - 06/2024
Affiliation to Professional Societies Association to “Società Chimica Italiana” Young member	03/2024 – now
Association to “Royal Society of Chemistry” AMRSC Membership	03/2024 – now
Association to “Italian Peptides Society” Young member	03/2023 – now
Participation to Conferences GFPP24 - French-Italian Joint Meeting Aussois, France Oral presentation: <i>Minimalistic peptide co-assembly for enzyme mimicry</i>	06/2025
Convegno Nazionale della Divisione di Chimica dei Sistemi Biologici 2025 Trieste, Italy Poster presentation: <i>Tripeptide nanostructured co-assemblies for hydrolase mimicry</i>	06/2025
SCI 2024 – XXVIII National Congress (Conference & Exhibition) Divisione di Chimica dei Sistemi Biologici Milan, Italy Poster presentation: <i>Towards Peptidase Mimicry by Supramolecular Tripeptide Assemblies</i>	08/2024
2024 RSC Chemical Biology and Bio-organic Group Postgraduate Symposium Norwich, United Kingdom Oral presentation and poster presentation: <i>Towards Peptidase Supramolecular mimics</i>	04/2024
XVII YOUNG SCIENCE SYMPOSIUM Ciudad Real, Spain Flash video: <i>Towards Peptidase Supramolecular mimics</i>	07/2023
Awards RSC Researcher Development and Travel Grant	09/2025
RSC Chemical Biology and Bioorganic Group (CBBG) Travel Bursary	04/2024
Scholarship of University of Trento and Free University of Bozen	2017
Publications Alletto, P.; Garcia, A. M.; Marchesan, S. <i>Gels</i> 2023 , 9, 678 Mañas-Torres, M. C.; Alletto, P.; Adorinni, S.; Vargiu, A. V.; Álvarez de Cienfuegos, L.; Marchesan, S. <i>Org. Biomol. Chem.</i> 2025 , 23, 27 Alletto, P.; Garcia, A.M.; Piccirilli, F.; Marchesan, S. <i>Faraday Discuss.</i> 2025 , https://doi.org/10.1039/D4FD00193A	
Participation to public events and volunteering “Ciencia en la calle” – Ciudad Real, Spain Scientific divulgation event In collaboration with UCLM	06/2023
Notte europea dei Ricercatori 2021 – Palermo, Italy Scientific divulgation on green chemistry and pollution: <i>Chimici in azione per un ambiente pulito</i> in collaboration with CNR-ISMN	09/2021

Volunteering:**ADAS – Associazione Donatori Autonoma Sangue**

2018

Caritas Diocesana Agrigento

2018

Caritas Diocesana Trieste

2025 - 2026

F.A.I. – Fondo per l'Ambiente Italiano

2012 - 2018