

CHIARA PENNETTA

Work Experience

- 08/2020- current **Researcher – Università degli studi di Perugia**
Modification of silver nanoparticles
- 09/2019-12/2019 **Junior Formulation Chemist – Akott Evolution**
Formulation and production of cosmetics - Support to senior formulator.
- 01/2019-04/2019 **Researcher – Politecnico di Milano**
Functionalization of carbon allotropes with a focus on drug delivery.
- 04/2016-01/2019 **Teaching Assistant – Politecnico di Milano**
Supervision of the students' laboratory activities for Chemistry Courses.

Education

- 11/2015-10/2019 **PhD in Industrial Chemistry - Politecnico di Milano**
Thesis: 'Synthesis, Characterization and Biological Evaluation of aminoglycosides-conjugates for cell transfection.'
 - **Managed scientific projects** to synthesize non-viral vectors for cell transfection.
 - Biological training to test the compounds on cell cultures.
 - Co-supervision of undergraduate students.
 - Effective and **cooperative team worker** who also works well **independently**.
 - **Scientific communication** skills.
- 02/2013-02/2015 **Master of Science - Organic Chemistry - Università degli Studi di Perugia**
Thesis: 'Supported Xantphos as ligand for metal-mediated reactions' (106/110).
- 09/2009-02/2013 **Bachelor of Science - Chemistry - Università degli Studi di Perugia**
Thesis: 'Design and Synthesis of Protic Ionic Liquids electrolytes for fuel cells' (110/110 cum laude).
 - Preparation and measurement of physical properties of Protic Ionic Liquids.

International Experience

- 03/2018-09/2018 **Visiting PhD fellow – University of Copenhagen**
 - Synthesis, purification and chemical characterization of aminoglycoside-peptide conjugates.
 - Effective **time management** to achieve the goals in a short time.
- 04/2014-07/2014 **Erasmus Placement – KULeuven**
Research activities for the master's thesis project.
 - Pd-Catalyzed Carbonylation reactions using CO gas.
 - Effective in working in an Intercultural setting.
- 09/2013-02/2014 **Erasmus Studio – UGent**
Study abroad program with a focus on organic chemistry.
 - **Intercultural communication** skills.