

CURRICULUM VITAE ET STUDIORUM

Luca Caponecchia

PERSONAL INFORMATION

Date of Birth Rome, **17th July 1998**
Address Via **Pietro Maffi 142, 00168** - Rome, Italy
E-mail **lcaponecchia@gmail.com**
Mobile Phone **+39 334- 61-56-488**

EDUCATION AND TRAINING

2020-2022 Master's Degree in **Organic and Biomolecular Chemistry** (in October) Sapienza University of Rome
With average grade of 29 and predicted grade of 110/110
Thesis on *Linoleic acid-based covalent adaptable networks (CANs) with recyclability and self-healing properties*
supervisor Prof. Francesca Leonelli, Sapienza University of Rome

2017-2020 Bachelor's Degree in **Chemistry** Sapienza University of Rome
With a grade of 108/110
Thesis: "*Biodegradable plastics in packaging*",
supervisors Prof. Iolanda Francolini, Sapienza University of Rome

2012-2017 Secondary school (Scientific studies)
E. Torricelli High School, Rome

RESEARCH EXPERIENCE

2023 - present **PhD in Organic and Polymeric Chemistry** at University of Bordeaux (LCPO, ISM, IMS)
on 'Synthesis of Metal-free semiconducting polymers via organocatalysis : sustainable materials for renewable energies'
supervisors Prof. Cyril Brochon (LCPO), Patrick Toullec (ISM)

January - October 2022 Master thesis, La Sapienza University,
Linoleic acid-based covalent adaptable networks (CANs) with recyclability and self-healing properties
supervisor Prof. Francesca Leonelli, Sapienza University of Rome
♣ Organic and polymeric synthesis

PERSONAL SKILLS

- | | |
|------------------|---|
| Languages | <ul style="list-style-type: none">• English• Italian |
| Technical skills | <ul style="list-style-type: none">• Organic and polymer synthesis• Synthetic strategies• Chromatographic column• Thin layer chromatography• IR spectroscopy• NMR |
| Softwares | <ul style="list-style-type: none">• SigmaPlot• MestReNova• Excell• ChemDraw |

OTHER EXPERIENCES

October 2021 - January 2022

Lab assistant for the physical chemistry III course

Supervisor Prof. Domenico Stranges, Sapienza University of Rome

- ▲ Data analysis with students using SigmaPlot
- ▲ Theory support to students

June 2019 - January 2020

General chemistry tutoring experience

Sapienza University of Rome

- ▲ tutoring for biology students

2019, 2022

Assistant in the library of chemistry department

Sapienza University of Rome

- ▲ books cataloging and lending
- ▲ reading room management

2006 - present

Agesci: Italian Scout Catholic Association

- ▲ events and meeting organization,
- ▲ children activities supervision

MISCELLANEOUS AND PERSONAL INTERESTS

2012-present

- Collecting
- Playing guitar
- Sports (crossfit, basketball, volleyball)
- Hiking