

# Giorgio Grosso

[giorgio.grosso01@universitadipavia.it](mailto:giorgio.grosso01@universitadipavia.it)

Corso Garibaldi 2D, Pavia, Italia

Telephone: +39 366 3142344

---

## PROFILE

Master's graduate in Chemistry with three years of working experience in both organic and applied radiochemistry, and an in-depth understanding of nuclear practices. Strong experience in laboratory work, scientific project management, instrumental analysis, handling of radioactive materials, and radionuclide production with both cyclotrons and nuclear reactors. Skilled in communicating experimental results, with excellent manual, organizational, and interpersonal abilities. Fluent in Italian and English.

## WORK EXPERIENCE

**UniPv/LENA | Pavia, Italy**

**Research Fellow**

**Aug 2025 – Present**

**UniPd/LENA | Padua-Pavia, Italy**

**Research Grant Holder**

**Nov 2023 – Jul 2025**

During my working period at LENA (Laboratorio Energia Nucleare Applicata – University of Pavia – University of Padua), I carried out the following activities:

- Optimization of production and separation processes for the synthesis of exotic radionuclides such as:  $^{111}\text{Ag}$ ,  $^{64}\text{Cu}$ ,  $^{161}\text{Tb}$ , and  $^{166}\text{Ho}$ .
- Operating the IBA CYCLONE® 18/9 cyclotron, for the production of commercial  $^{18}\text{F}$ .
- Sample analysis using the INAA technique (Instrumental Neutron Activation Analysis).
- Health physics: activity and contamination measurements and shipment of radioactive samples.
- Proactive management of the Radiochemistry Laboratory.
- Coordination of project activities and presentation of results at seminars and conferences.
- Teaching within the ENEEP (European Nuclear Experimental Educational Platform) courses.

## EDUCATION

**University of Pavia – Sarlah Group | Pavia, Italy**

**Sep 2021 – Jul 2023**

Master's Degree in Chemistry, final grade: 110/110 cum laude

Thesis title: *"Innovative synthesis of 3-oxo-6-azabicyclo[3.2.0]heptanes as bioisosteres of morpholine."*

**University of Pavia | Pavia, Italy**

**Sep 2018 – Sep 2021**

Bachelor's Degree in Chemistry, final grade: 104/110

**Melchiorre Gioia High School | Piacenza, Italy**

**Sep 2012 – Jul 2017**

Final grade: 84/100

## PUBLICATIONS AND OTHER ACHIEVEMENTS

**Certificate of internship** as cyclotron operator for IBA CYCLONE® 18/9.

**Nov 2025 – Feb 2026**

**Two peer-reviewed and published scientific articles**, and coauthor of four other papers under publication, available upon request

**Sep 2024 – Present**

## ADDITIONAL SKILLS

**Languages:** English – C1 level (IELTS certification, 15/09/2016)

**Software:** Microsoft Office (Word, Excel, PowerPoint)

**Data & Analysis Tools:** GammaVision, ChemDraw, MestReNova