

Elisa Murgioni

ABOUT ME

I am a dedicated and energetic individual with a strong commitment to personal and professional growth. I thrive on facing new challenges and opportunities to further develop my skills and knowledge, always striving to make meaningful contributions.

WORK EXPERIENCE

[30/01/2024 – 20/04/2024]

Tutor at the Mathematical, Physical and Natural sciences school

University of Florence

City: Florence | **Country:** Italy

The responsibilities included organizing and facilitating orientation sessions, welcoming new students, and providing support initiatives for incoming and first-year students.

[03/2023 – 09/2023]

Academic internship at Farmacia y Ciencias de la Alimentación Lab.

University of Barcelona, Department of Medicinal Chemistry <https://www.ub.edu/portal/web/dp-farmacologia/>

City: Barcelona | **Country:** Spain

Design and synthesis of new bioactive compounds as potential therapeutic avenues on neurodegenerative diseases under the supervision of Prof. Carmen Escolano Miron.

Skill obtained:

- Development of profitable strategies to identify and prioritize specific compounds
- Purification of organic compounds via CombiFlash chromatography system
- Identification of organic compounds by spectroscopic techniques
- Preparation of scientific reports.

[2016]

Academic internship at Organic Chemistry Lab.

University of Cagliari, Department of Chemical and Geological Sciences

City: Cagliari | **Country:** Italy

During my bachelor's degree I had the opportunity to work a corresponsive of 4 ECTS in two organic research laboratories under the supervision of the Prof. Angelo Frongia and Prof. Carla Fattuoni.

Skill obtained

- Basics of organic chemistry synthesis

EDUCATION AND TRAINING

[2024]

Master's degree in Advanced Molecular Sciences

University of Florence <https://www.master-ams.unifi.it/>

Address: Polo Scientifico e Tecnologico di Sesto Fiorentino, Viale delle Idee, 23, Sesto Fiorentino FI, 50019 Firenze (Italy), Firenze, Italy | [REDACTED]

Thesis: Design and synthesis of new bioactive compounds as potential therapeutic avenues on neurodegenerative diseases. Thesis Supervisor: Claudiu T. Supuran

[03/2023 – 09/2023]

Erasmus+ Project

University of Barcelona | <https://web.ub.edu/inici>

City: Barcelona | **Country:** Spain |

Traineeships abroad project.

Attended seminars during Erasmus+ program:

"Fragments in chemical biology and drug discovery", Roderick E Hubbard, University of York and Vernalis, UK

"Artificial Molecular Machines" Fraser Stoddart, Northwestern University (US)

[2020]

Bachelor's degree in Chemistry

University of Cagliari | <https://web.unica.it/unica/it/>

Address: Cittadella Universitaria di Monserrato S.S. 554 Bivio Sestu – 09042 Monserrato, Sardinia, Cagliari, Italy | | **Thesis:** Constant-Area Surface Pressure Measurements of Lipid Monolayers, Thesis supervisor: Mariano Andrea Scorciapino

[2015]

High School Diploma in Scientific studies

Liceo Leonardo da Vinci | <https://www.liceolanusei.edu.it/>

City: Lanusei | **Country:** Italy |

• Comenius Project s.y. 2013/2014, mobility in Sweden

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s): English, B2 IELTS Certificate, Spanish B1, Conversation course at University Language Centre (CLA), Florence, Catalan A1, Basic course at University Language Centre (CLA), Florence

DIGITAL SKILLS

My Digital Skills

Basic knowledge of Information Communication Technology; | Microsoft Office 365: Word, Excel, Powerpoint, Outlook; | Data analysis Softwares: Kaleidagraph, Origin | MestReNova, Chemdraw and Chem3D | Experience with CasaXPS

HONOURS AND AWARDS

[09/2021]

Fellowship as part of the project "Departments of Excellence 2018-2022" Award
ing institution: University of Florence

Award of a grant for enrollment in the Master's Degree, taught in English, in Advanced Molecular

Sciences (AMS), of which the Department of Chemistry "Ugo Schiff" of the University of Florence is

the contact point.

Link: <https://www.master-ams.unifi.it/upload/sub/Call AMS 21-22.pdf>

CERTIFICATES

General and specific training course for workers on occupational safety and health

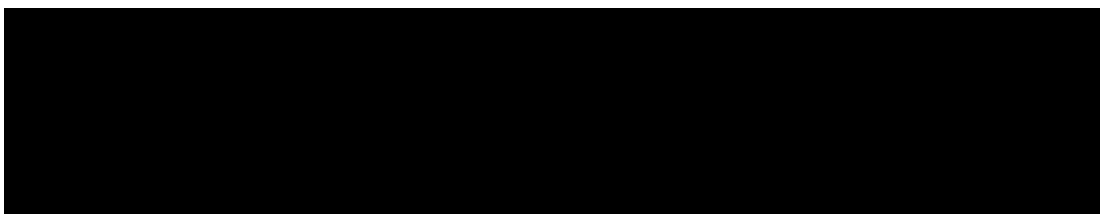
**Trieste Next International Academy training program, Thematic Session:
Medicinal Chemistry. 22-24 /SEPT/2022**

**Presentation of the Chemical platform Scifinder n, Abstract service, organized
by the Library Services Department, University of Cagliari**

COMMUNICATION AND INTERPERSONAL SKILLS

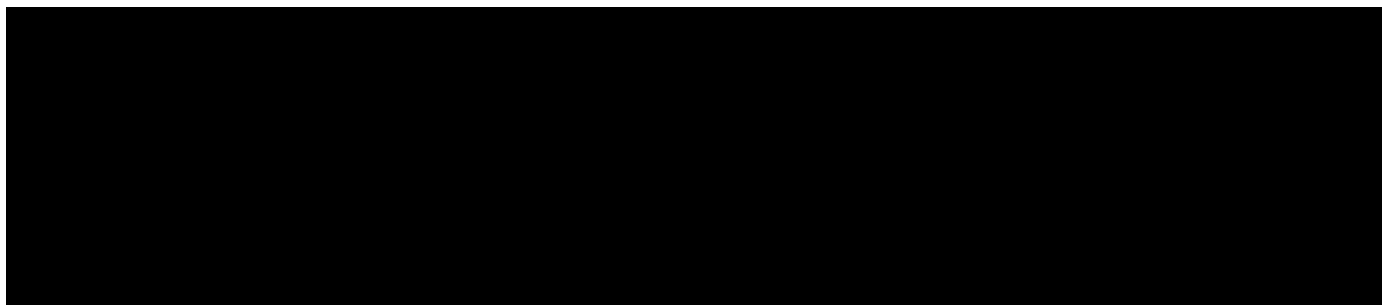
Soft skill course held by University of Florence

The transversal skills presented in the course helped to develop a resilient mindset, improve problem-solving abilities, communicate effectively, and work successfully in groups. These skills are useful not only during the university years but also in future professional careers.



**Interpersonal communication and Intercultural communication training
course held by the voluntary association A.V.O. in collaboration with Sardegna
Solidale**

Link: <https://www.sardegna-solidale.it/>



DRIVING LICENCE

Cars: B

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR

Firenze, 04/05/2024



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