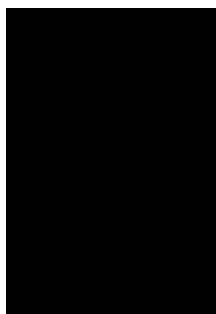


PERSONAL INFORMATIONS



Erika Palazzetti

 [Redacted]
 [Redacted]
 [Redacted]
 [Redacted]
 [Redacted]
 [Redacted]
Sex [Redacted] | Date of birth [Redacted] | Nationality Italian

EDUCATIONAL QUALIFICATION

Doctor of Pharmaceutical Chemistry and Technology

PROFESSIONAL EXPERIENCE

01/11/2021 – 31/10/2024 Ph.D. Student

University of Urbino "Carlo Bo"
Via della Stazione, 4; 61029 Urbino (PU)

Main activities: Design, synthesis and characterization of polyamine-based fluorescent chemosensors for selective recognition of metal cations in solution.

Business or sector Department of Pure and Applied Sciences (DiSPeA)
Course: Research Methods in Science and Technology

01/02/2024 – 31/07/2024 Visiting Ph.D. Student

University of València (UV)
Catedrático José Beltrán Martínez 2, 46980 Paterna (España)

Main activities: Design, synthesis and characterization of polyamine-based fluorescent chemosensors for selective recognition of metal cations in solution.

Business or sector Institut de Ciència Molecular - ICMOL

09/2023 – 12/2023
09/2024 – in progress

Academic Tutor

University of Urbino "Carlo Bo"
Piazza Rinascimento, 6; 61029 Urbino (PU)

- Degree course: School of Pharmacy
- Topic: Facilitate the insertion of freshmen into the academic context
- Duration: 24 hours (academic years: 2023/2024 and 2024/2025)

Business or sector Department of Biomolecular Sciences (DISB) – School of Pharmacy (LM-13)

12/2022- 12/2023

Supplementary Lessons

University of Urbino "Carlo Bo"

- SSD: CHIM/03
- Degree course: Geological Sciences and Territorial Planning
- Topic: Numerical exercises of general and inorganic chemistry
- Duration: 12 hours (academic years: 2022/2023 and 2023/2024)

Business or sector Department of Pure and Applied Sciences - School of Geological and Environmental Sciences

06/2020 – 03/2021

Experimental thesis

University of Urbino "Carlo Bo" – via I Maggetti, 24; 61029 Urbino (PU)

- Synthesis, purification and characterization of new organic compounds
- Duration: 9 months

Business or sector SSD CHIM/06 – Organic Chemistry

09/2019 – 06/2020 Curricular Internship

Antica Farmacia Rossi Di Rossi Antonio & Lucia S.N.C.
Piazza Garibaldi, 11; 61033 Fermignano (PU)

- Dispensing of medicines, ordering of medicines, organization of the warehouse, sending of medical prescriptions
- Duration: 900 hours

Business or sector Pharmacist

11/2013 – 08/2015 Voluntary Activities

Proloco Fermignano
Corso Bramante, 3; 61033 Fermignano (PU)

- Front office
- Opening of the medieval tower, museum of architecture and historic washhouses

Business or sector IAT point

06/2013 – 07/2013 Municipal summer internship

Proloco Fermignano
Corso Bramante, 3; 61033 Fermignano (PU)

- Front office

Business or sector IAT point

EDUCATION AND TRAINING

30/06/2023 Training Path PF24

University of Urbino "Carlo Bo"
Department of Humanities (DISTUM)

28/06/2021 State Examination for the Qualification to practice the profession of Pharmacist

University of Urbino "Carlo Bo"
I Session 2021

- Final result: 225/270

09/2015 – 03/2021 Master's Degree (LM-13) in Pharmaceutical Chemistry and Technology

University of Urbino "Carlo Bo"
Department of Biomolecular Sciences (DISB)
School of Pharmacy

- Thesis title: One-pot synthesis of new 8*H*-thieno derivatives[2,3-*b*]functionalized indolines
Mari, G.; De Crescentini, L.; Favi, G.; Santeusano, S.; Mantellini, F. *A facile protocol for the preparation of 2-carboxylated thieno [2, 3-*b*] indoles: a de novo access to alkaloid thienodolin*. Org. Biomol. Chem. **2022**, 20, 4167– 4175, DOI: [10.1039/D2OB00440B](https://doi.org/10.1039/D2OB00440B)
- Matter: Organic Chemistry
- Supervisor: Stefania Santeusano
- Co-Supervisor: Fabio Mantellini
- Final grade 110/110
- Date of graduation : 17/03/2021

09/2010 – 07/2015 Scientific High School Diploma

Scientific High School Laurana Urbino

PERSONAL SKILLS

Native language Italian

Other languages

	COMPREHENSION		SPOKEN		WRITTEN PRODUCTION
	Listening	Reading	Interaction	Oral production	
English	B2	B2	B2	B2	B2
French	A1	A1	A1	A1	A1

Organizational and management skills

- Ability to organize, manage and carry out research projects, in groups or individuals, within the established time period
- Problem solving

Professional skills

- Synthesis, purification and characterization of organic compounds (TLC, rotavapor, melting point instrumentation, column chromatography, preparative chromatography, extraction, filtration, NMR, UV-Vis, IR and Fluorescence spectroscopy)

- Preparation of officinal and magisterial galenic preparations (capsules, ointments, pastes, gels, syrups, drops, suppositories)
- Reading and processing of ¹H-NMR, ¹³C-NMR, UV-Vis, Fluorescence, IR spectra

Digital skills

SELF EVALUATION				
Information processing	Communication	Content creation	Security	Problem solving
Expert user	Expert user	Expert user	Expert user	Expert user

Basic computer skills

- Operating systems: Excellent
- Word Processing: Excellent
- Spreadsheets: Excellent
- Internet browsing: Excellent (very good knowledge of search engines such as Google Chrome)
- Multimedia (sounds, images, videos): Excellent

Known applications and programs

- Good knowledge of the programs: MestReNova, TopSpin, ChemWindow, LabSolutions IR, OriginPro.
- Good knowledge of the ChemOffice package: ChemDraw, Chem3D, ChemFinder
- Good knowledge of scientific databases such as PubMed, Scifinder, Scopus, Web of Science
- Good knowledge of the Microsoft 365 package: Word, Powerpoint, Excel

Driver's license

B | Own car

FURTHER INFORMATION

Membership in groups/ association

Active participation in the science exhibition "ExpoCiencia2024" at the University of Valencia, Institut de Ciència Molecular - ICMOL, València, 11th May 2024

Member of the Local Organizing Committee of the International Symposium on Metal Complexes ISMEC 2023, Urbino 11-14 June 2023

Certifications

22/06/2023 | **B2 Scientific English, University Language Center (C.L.A.) – University of Urbino “Carlo Bo”**
08/01/2016 | **B1/B2 English Suitability, University Language Center (C.L.A.) – University of Urbino “Carlo Bo”**

Training courses

14-15/06/2023 | **WG2, WG4 Joint NECTAR Workshop - Urbino - COST Action CA18202**
Network for Equilibria and Chemical Thermodynamics Advanced Research

29/05/2023 | **1st NECTAR-SciComm Training School - Cagliari - COST Action CA18202**
Network for Equilibria and Chemical Thermodynamics Advanced Research

2018-2019 | Simulated Pharmacy

- Course carried out as part of the didactic training carried out for the purpose of preparing for the Professional Internship
- Organized by the School of Pharmacy of the University of Urbino “Carlo Bo” and by the Order of Pharmacists of the Province of Pesaro and Urbino

2018 | Training course on specific risks pursuant to the art. 37 c. 2 of the D.Lgs 81/08 and s.m.i.

- Duration of 8 hours in e-learning mode with final learning assessment
- Content of specific training: workplaces, microclimate, lighting and acoustics, risks related to video terminals, work-related stress, manual handling and repetitive movements of loads, fire prevention, chemical agents, electrical risks, machinery and equipment risks, biological agents, risk physical, first aid.
- Organized by the University of Urbino “Carlo Bo”

2016 | General training course on safety for workers pursuant to art. 37 c. 2 of the D.Lgs 81/08 and s.m.i.

- Duration of 4 hours in e-learning mode with final learning test
- Content of general training: concepts of risk, damage, prevention, protection, organization of company prevention, rights, duties and penalties for the various company subjects, supervisory, control and assistance bodies
- Organized by the University of Urbino “Carlo Bo”

2016 | Safety course in the chemical laboratory pursuant to art. 37 c. 2 of the D.Lgs. 81/08 and s.m.i

- In e-learning mode
- General training contents: chemical agents, chemical laboratory, waste management and legislation
- Organized by the University of Urbino “Carlo Bo”

Poster sessions

10th - 13th June 2024 | **International Symposium on Metal Complexes ISMEC 2024**; Université Côte d'Azur, Nice
"Solvent induced selective response to metal ions of three HNBO-based chemosensors"
E. Palazzetti, D. Paderni, D. Lopez, E. Macedi, G. Ambrosi, A. Ricci, L. Giorgi, M. Formica, V. Fusi

30th June 2023 | **Ph.D. Day**; Università di Urbino
"A joint chemical and biological study on fluorescent molecules for sustainable investigations"
D. Lopez, G. Panza, M. Montanari, C. Ciacci, B. Canonico, S. Papa, M. Formica, L. Giorgi, D. Paderni, **E. Palazzetti**, E. Macedi, V. Fusi

30th June 2023 | **Ph.D. Day**; Università di Urbino
"HBO-based ligand: a Fluorescent Sensor for Rare Earth Metal Ions"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

11th - 14th June 2023 | **International Symposium on Metal Complexes ISMEC 2023**; Università di Urbino
"A joint chemical and biological study on fluorescent molecules for sustainable investigations"
D. Lopez, B. Canonico, M. Montanari, G. Panza, S. Papa, M. Formica, L. Giorgi, D. Paderni, **E. Palazzetti**, E. Macedi, V. Fusi

10th - 13th June 2023 | **International Symposium on Metal Complexes ISMEC 2023**; Università di Urbino
"HBO-based ligand: a Fluorescent Sensor for Rare Earth Metal Ions"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

30th May - 1st June 2023 | **Supramolecular Chemistry Days for Young Researchers 2023**
SupraChemDays2023; Università di Cagliari
"HBO-based ligand: a Fluorescent Sensor for Rare Earth Metal Ions"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

28th June - 1st July 2022 | **XV Italian Conference on Supramolecular Chemistry SUPRAMOL 2022**; Università di Salerno
"Solvent induced selective response to metal cations of a HNBO-based chemosensor"
E. Palazzetti, D. Paderni, D. Lopez, E. Macedi, G. Ambrosi, L. Giorgi, M. Formica, V. Fusi

Oral presentations

10th - 13th September 2024 | **XVI Italian Conference on Supramolecular Chemistry SUPRAMOL 2024**; Università di Pavia
"HBO-based ligand: a Fluorescent Sensor for Cerium Ion"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

23th - 24th May 2024 | **4th Workshop for Young Researchers in Chemistry - YRChem2024**; Universitat de València
"Design, synthesis and characterization of fluorescent chemosensors for selective recognition of metal cations in solution" **E. Palazzetti**, L. Mancini, D. Paderni, E. Macedi, G. Ambrosi, M. Formica, L. Giorgi, V. Fusi, M.P. Clares, E. García-España

30th June 2023 | **Ph.D. Day**; Università di Urbino
"HBO-based ligand: a Fluorescent Sensor for Rare Earth Metal Ions"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

30th May - 1st June 2023 | **Supramolecular Chemistry Days for Young Researchers 2023**
SupraChemDays2023; Università di Cagliari
"HBO-based ligand: a Fluorescent Sensor for Rare Earth Metal Ions"
E. Palazzetti, L. Mancini, D. Paderni, E. Macedi, R. Montis, M. Formica, G. Ambrosi, V. Fusi, L. Giorgi

Publications

Daniele Paderni, Daniele Lopez, Eleonora Macedi, Gianluca Ambrosi, Angela Ricci, **Erika Palazzetti**, Luca Giorgi, Mauro Formica, Vieri Fusi *"Solvent induced selective response to metal ions of three HNBO-based chemosensors"*
Inorganica Chimica Acta 2023, V. 549, pp. 121400 | <https://doi.org/10.1016/j.ica.2023.121400>

Personal data

I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data"

Urbino, 22/10/2024
Erika Palazzetti