



Noemi Pagliaricci

● WORK EXPERIENCE

01/02/2023 – 31/07/2023 Lisbon, Portugal

VISITING PH.D. INSTITUTO SUPERIOR TÈCNICO

- *Catalytic studies of organometallic compounds of Rh(III) and Ir(III) applied in the tandem oxidation - Knoevenagel condensation reaction*

11/2020 – 11/2023 Camerino, Italy

TEACHING FELLOW AND SUPPORTING TUTORING UNICAM

- *Teaching activity and tutoring service for the preparation of exams*

30/11/2020 – 12/04/2024 Camerino, Italy

PH.D. UNICAM

- *Synthesis of novel organometallic compounds of metals belonging to VII and IX group with either biological potential or catalytic activity*

05/2019 – 04/2020 Camerino, Italy

THESIS INTERNSHIP UNICAM

- *Synthesis and characterization of organometallic and coordination compounds of Silver(I) with potential antibacterial activity*

01/2017 – 04/2017 Camerino, Italy

THESIS INTERNSHIP UNICAM

- *Synthesis of organic molecules containing propargylamine functional group*

09/2016 – 11/2016 Civitanova, Italy

INTERNSHIP CONSULCHIMICA

- *Qualitative and quantitative analysis of different matrices included waste analysis for CER identification*

02/2014 – 03/2014 Recanati, Italy

INTERNSHIP TEUCO

- *Research for the production of new polymeric materials*

04/2013 – 05/2013 Recanati, Italy

INTERNSHIP R.P.Q.

- *Quantitative determination of gold and silver content for the quality certification*

● EDUCATION AND TRAINING

Camerino, Italy

MASTER DEGREE IN CHEMISTRY UNICAM

Website <https://www.unicam.it/> | **Field of study** Chemistry and Advanced Chemical Methodologies |

Final grade 110 cum laude |

Thesis Design, synthesis and reactivity of bis(pyrazolyl)acetates, phosphanes and new N-heterocyclic carbenes Silver(I) complexes

Camerino, Italy

BACHELOR'S DEGREE UNICAM

Field of study Chemistry | **Final grade** 110 |

Thesis Sintesi di propargilammine sostituite catalizzate dal sistema CuSO₄/NaI

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | B2 | C1 | B2 | B2 | B2 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Buona padronanza nell'uso di software utili in ambito chimico (Chemdraw Origin Mestrenova etc) | NMR analysis (TopSpin, Mnova)

● PUBLICATIONS

2022

[Potent and selective anticancer activity of half-sandwich ruthenium and osmium complexes with modified curcuminoid ligands](#)

Pagliaricci Noemi, Pettinari Riccardo, Marchetti Fabio, Pettinari Claudio, Cappellacci Loredana, Tombesi Alessia, Cuccioloni Massimiliano, Hadji Mouna, Dyson Paul J.

DALTON TRANSACTIONS, vol. 51, p. 13311-13321, ISSN: 1477-9226, doi:10.1039/D2DT02328H

2022

[Enhancing the Amyloid- \$\beta\$ Anti-Aggregation Properties of Curcumin via Arene-Ruthenium\(II\) Derivatization](#)

Cuccioloni Massimiliano, Cecarini Valentina, Bonfili Laura, Pettinari Riccardo, Tombesi Alessia, **Pagliaricci Noemi**, Petetta Laura, Angeletti Mauro, Eleuteri Anna Maria

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, p.1-14, ISSN:1422-0067, doi:10.3390/ijms23158710

2024

[Halogen-Decorated Metal-Organic Frameworks for Efficient and Selective CO₂ Capture, Separation, and Chemical Fixation with Epoxides under Mild Conditions](#)

Anirban Karmakar, Andreia A. C. D. Santos, **Noemi Pagliaricci**, João Pires, Mary Batista, Elisabete C. B. A. Alegria, Ana Martin-Calvo, Juan José Gutiérrez-Sevillano, Sofia Calero, M. Fátima C. Guedes da Silva, Riccardo Pettinari, and Armando J. L. Pombeiro

2024

[Ru\(II\)-Arene Complexes of Curcumin and Bisdesmethoxycurcumin Metabolites](#)

Noemi Pagliaricci, Riccardo Pettinari, Fabio Marchetti, Alessia Tombesi, Sara Pagliaricci, Massimiliano Cuccioloni, Agustín Galindo, Farzaneh Fadaei-Tirani, Mouna Hadiji, and Paul J. Dyson

Inorganic Chemistry, doi.org/10.1021/acs.inorgchem.4c00970

● **CONFERENCES AND SEMINARS**

12/09/2023 – 15/09/2023 Perugia

SCI 2023 (49° National Congress of Inorganic Chemistry)

With the contribution of one oral presentation

07/09/2023 – 11/09/2023 Camerino

ISOC 2023 (XIV International School of Organometallic Chemistry)

With the contribution of one poster and one flash presentation

05/07/2022 – 05/07/2022

INDENA E UNICAM: un cammino trentennale di ricerca nella Farmaceutica e Nutraceutica

With the contribution of one oral presentation

06/09/2022 – 09/09/2022 Pisa

SCI 2022 (XLVIII Italian Conference of Inorganic Chemistry)

With the contribution of one oral presentation

01/09/2021 – 03/09/2021 Online edition

ISOC 2021 (XIII International School of Organometallic Chemistry)

With the contribution of one poster and one flash presentation

14/09/2021 – 23/09/2021 Online edition

SCI 2021 (XXVII) Italian Conference of Inorganic Chemistry)

With the contribution of one poster