

# EUROPEAN FORMAT FOR CURRICULUM VITAE



## PERSONAL INFORMATIONS

Name and Surname

Noemi Pagliaricci

## EDUCATION AND TRAINING

- From 11/2020 to 11/2023
  - Field

### PhD

Chemistry and Pharmaceutical Sciences and Biotechnology

- From 10/2017 to 04/2020
  - Field
  - Final score

### Master Degree

Chemistry and Advanced Chemical Methodologies  
110L

- From 10/2013 to 04/2017
  - Field
  - Final score

### Bachelor's Degree

Chemical Sciences  
110

## ESPERIENZA LAVORATIVA

- From 06/2024)
  - Field
- From 11/2023 to 05/2024
  - Field

### Postdoc

Development of composite materials to counteract the deterioration of climacteric products

### Postdoc

Synthesis and characterization of curcumin derivatives with suitable optical properties to sensitize Ln (III) luminescence

## LANGUAGES

- English
- Italian

[fluent]

[native language]

## CONFERENCE 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 (Camerino) 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

## PUBLICATIONS

- 2024 **“Tandem Deacetalization–Knoevenagel Condensation Reactions for the Synthesis of Benzylidene Malononitrile Using Ruthenium(II) Cymene Complexes”**  
Noemi Pagliaricci, Riccardo Pettinari, Fabio Marchetti, Alessia Tombesi, Farzaneh Fadaei-Tirani, Paul J. Dyson, Anirban Karmakar, Maxim L. Kuznetsov, M. Fátima C. Guedes da Silva, Armando J. L. Pombeiro. *Inorganic Chemistry*, doi.org/10.1021/acs.inorgchem.4c03109
- 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.4c0097
- 2024 **“Halogen-Decorated Metal–Organic Frameworks for Efficient and Selective CO<sub>2</sub> 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. *ACS Applied Materials & Interfaces*, doi:10.1021/acsami.4c02560
- 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*, doi:10.3390/ijms23158710
- 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, Hadiji Mouna, Dyson Paul J. *DALTON TRANSACTIONS*, doi:10.1039/D2DT02328H