

## Giulia Guerra CV 2024

### WORK EXPERIENCE

**01/10/2024 – 28/02/2025** Exchange PhD student at the University of Vienna, Austria Department of Food Chemistry and Toxicology, Vienna, Austria, funded by the scholarship "Young Researchers Mobility Programme" 2024 by Fondazione Guido Berlucci

**Since 01/01/2024** Junior researcher at the IRCCS Istituto Nazionale dei Tumori di Milano, Italy, s.c. Epidemiologia e Prevenzione

**01/03/2022 – 31/12/2023** Research fellow at IRCCS Istituto Nazionale dei Tumori di Milano (Italy) s.c. Epidemiologia e Prevenzione

**01/03/2021 – 28/02/2022** Research fellow at the Istituto di Tecnologie Biomediche Consiglio Nazionale delle Ricerche (CNR Milano, Italy)

**01/12/2020 – 28/02/2021** Research fellow at the department of analytical chemistry of the University of Pavia, Italy

**10/11/2019 – 20/10/2020** Thesis internship at the department of analytical chemistry of the University of Pavia, Italy

### EDUCATION

**Since 01/06/2023** PhD student at The Open University (UK) – Affiliated Research Center Fondazione IRCCS Istituto Nazionale dei Tumori di Milano (Italy). Project entitled: Application of a Liquid Chromatography-High Resolution Mass Spectrometry Metabolomics Pipeline for Epidemiological Studies

**01/10/2018 - 21/10/2020** Master's degree in chemistry at the University of Pavia (Italy)

**01/10/2015 - 24/07/2018** Bachelor's degree in chemistry at the University of Pavia (Italy)

### PUBLICATION

- 1) Capsoni, D.; **Guerra, G.**; Puscalau, C.; Maraschi, F.; Bruni, G.; Monteforte, F.; Profumo, A.; Sturini, M. Zinc Based Metal-Organic Frameworks as Ofloxacin Adsorbents in Polluted Waters: ZIF-8 vs.  $Zn_3(BTC)_2$ . *Int. J. Environ. Res. Public Health* **2021**, *18*, 1433. <https://doi.org/10.3390/ijerph18041433> **I.F. 4.6**
- 2) Sturini, M.; Puscalau, C.; **Guerra, G.**; Maraschi, F.; Bruni, G.; Monteforte, F.; Profumo, A.; Capsoni, D. Combined Layer-by-Layer/ Hydrothermal Synthesis of  $Fe_3O_4@MIL-100(Fe)$  for Ofloxacin Adsorption from Environmental Waters. *Nanomaterials* **2021**, *11*, 3275. <https://doi.org/10.3390/nano11123275> **I.F. 5.3**
- 3) Belviso, C.; **Guerra, G.**; Abdolrahimi, M.; Peddis, D.; Maraschi, F.; Cavalcante, F.; Ferretti, M.; Martucci, A.; Sturini, M. Efficiency in Ofloxacin Antibiotic Water Remediation by Magnetic Zeolites Formed Combining Pure Sources and Wastes. *Processes* **2021**, *9*, 2137. <https://doi.org/10.3390/pr9122137> **I.F. 3.5**
- 4) **Guerra G**, Segrado F, Pasanisi P, Bruno E, Lopez S, Raspagliesi F, Bianchi M, Venturelli E. Circulating choline and phosphocholine measurement by a hydrophilic interaction liquid chromatography-tandem mass spectrometry. *Heliyon*. **2023** Nov 2;9(11):e21921. doi: 10.1016/j.heliyon.2023.e21921 **I.F. 4**

- 5) De Luca I., Miliziano D., **Guerra G.**, Colombo R., Morosi C., Sposito, Fiore C. M., Venturelli E., Sangalli C., Casali P. G., Cavalleri A., Fumagalli E., Hemodialysis and imatinib: Plasma levels, efficacy and tolerability in a patient with metastatic GIST - Case report. *Heliyon*. **2024**. doi: <https://doi.org/10.1016/j.heliyon.2024.e28494> **I.F. 4**

## **POSTER AND ORAL PRESENTATIONS**

**09/2021** – Oral presentation at *Società di Chimica Italiana (SCI) Congress*, Milano with the presentation of the work "Zinc and Iron Based Metal-Organic Frameworks as Ofloxacin adsorbents in polluted waters", participation thanks to the funding of *Divisione di Chimica Ambiente e Beni Culturali*

**02/2024** – Poster presentation at 34<sup>th</sup> Mass Spectrometry Forum in Vienna with the presentation of the work entitled "Targeted metallomic analysis by ICP-MS in human blood matrix"

**05/2024** – Poster presentation at the PhD students meeting 2024 at the Istituto Ricerche Farmacologiche Mario Negri, Milan, Italy, with the work entitled "Application of a liquid chromatography–high resolution mass spectrometry metabolomics pipeline for epidemiological studies"

## **AWARD**

**2021** - Best bachelor's thesis of 2021 by *Divisione della Chimica Analitica of Società Chimica Italiana (SCI)*