

## PERSONAL INFORMATION:

Giustiniano Mariateresa  
orcid.org/0000-0002-6856-414X

## EDUCATION:

2010: PhD in Pharmaceutical Science. Thesis title: "Experiencing multi-component reactions: from post condensation modifications to chemical platform and substrate design concepts" - University of Naples Federico II- Department of Pharmacy- PhD Supervisor: Prof. E. Novellino  
2007: Master in Chemistry and Pharmaceutical Technologies. Supervisor: Prof. M. V. Diurno University of Naples Federico II- Department of Pharmacy

## CURRENT POSITION:

2022-present: Associate Professor- University of Naples Federico II- Department of Pharmacy

## PREVIOUS POSITIONS:

2019-22: Assistant Professor (RTD-B) at the University of Naples Federico II- Department of Pharmacy.  
2016-19: Senior Post-Doc (RTD-A) at the University of Naples Federico II- Department of Pharmacy

## FELLOWSHIPS AND AWARDS:

2024-2025: Principal Investigator of the project: "Isonitrili come accettori di radicali in nuove reazioni multicomponente fotocatalizzate ed elettrochimiche" funded by Università Italo-Francese (UIF). 2023: One-month invited professorship fellow at École Normale Supérieure- Département de Chimie- Sorbonne Université  
2023: Principal Investigator of a PRIN project (MUR-Ministero dell'Università e della Ricerca). Title: "Development of multi-target agents against glioblastoma multiforme via photocatalytic late-stage editing -GliMuTAG- (€ 190.157,00)"  
2023: National Scientific Habilitation as Full Professor (SSD: CHIM08)  
2021: DCF Prize- "Divisione di Chimica Farmaceutica" - Italian Chemical Society  
2021: Scientific Director of PROGEMA (Processi Green per l'Estrazione di principi attivi e la depurazione di MATrici di scarto e non")  
2017: PI of a My First AIRC Grant (MFAG-Italian Association for Research on Cancer), Title: "Bio-inspired G-quadruplex binders: from nucleobases to new anticancer therapeutics" (€ 197.400,00)  
2014: Silver Medal of the Italian Chemical Society (SCI) for the Best Oral Presentation at XIV SAYCS  
2011-16: Post-doctoral fellowships for research activity to identify new anticancer agents modulating apoptotic pathways at the University of Naples Federico II - Department of Pharmacy  
2010: Visiting PhD student at Institut de Chimie des Substances Naturelles-CNRS, Gif-sur Yvette, Paris, (Supervisor: Prof. J. Zhu; 12 months)  
2009: Visiting student at Dipartimento di Scienze del Farmaco-Università degli Studi del Piemonte Orientale A. Avogadro (Supervisor: Prof. G. C. Tron; 7 months)

## SUPERVISION OF GRADUATE STUDENTS, PhD, POSTDOC STUDENTS:

2024-2025: Research Fellow Supervisor (Student: C. Volpe, 20 months)  
2022-2025: PhD Co-supervisor (Student: V. Arciuolo)  
2024: Supervisor of an Erasmus Master Student (E. Delalande, ENS, Département de chimie, PSL University, Sorbonne Université, 5 months)  
2024: Supervisor of a Visiting PhD student (V. Rouffeteau, ENS, Département de chimie, PSL University, Sorbonne Université, 1 month)  
2020-2024 present: PhD Supervisor (Student: C. Russo)  
2023: Supervisor of a Visiting PhD student (F. Brunelli, University of Piemonte Orientale, Italy)  
2019: Research Fellow Supervisor (Student: A. I. Alfano; 6 months)  
2019: Research Fellow Supervisor (Student: C. Gallo, 3 months)  
2017-20: Post-doctoral fellow supervisor (Student: Dr. S. Pelliccia, 3 years).  
2016-present: Graduate Student Advisor (14 students as Tutor; 20 as Lab Supervisor), University of Naples Federico II- Department of Pharmacy

## TEACHING ACTIVITIES:

2024: Teaching courses: "Optimization, Safety, and Ecocompatibility of Pharmaceutical Processes"- Minor in Pharmaceutical Engineering, Master in Pharmaceutical chemistry and technologies- Department of Pharmacy, University of Naples Federico II. Credits: 4  
2020-present: Teaching courses: "Drug Analysis II"-Master in Pharmaceutical chemistry and technologies- Department of Pharmacy, University of Naples Federico II. Credits: 10.  
2017-2024: Teaching courses: "Green Chemistry"-Master in Pharmaceutical chemistry and technologies- Department of Pharmacy, University of Naples Federico II. Credits: 6.

## ORGANISATION OF SCIENTIFIC MEETINGS:

2020: Member of the Scientific Committee for the AMYC BIOMED  
2017-24: Organizer of 11 Internal Seminars

#### INSTITUTIONAL RESPONSIBILITIES:

2024-present: Member of the PhD Faculty in Pharmaceutical Sciences  
2016-present: Faculty member, University of Naples Federico II- Department of Pharmacy  
2021: Member of the PhD Committee for the evaluation of the 1st year final reports  
2019: Member of the PhD Committee (PhD in Pharmaceutical Sciences)- Department of Pharmacy, University of Naples Federico II

#### REVIEWING ACTIVITIES:

2024-present: Member of the Editorial Advisory Board of the Journal of Medicinal Chemistry (American Chemical Society)  
2021-2024: Member of the Early Career Advisory Board of the Journal of Medicinal Chemistry (American Chemical Society)  
2021-2024: Medicinal and Pharmaceutical Chemistry Associate Editor for the journal Frontiers in Chemistry (Frontiers)  
2022: External reviewer for a PhD thesis, Alma Mater Studiorum-University of Bologna  
2021: External reviewer for a PhD thesis, University of Perugia- PhD Program in Pharmaceutical Sciences  
2020: Topic Editor for Molecules (MDPI) and Guest Editor for 2 Special Issues in collaboration with Prof. G. C. Tron, Prof. T. Pirali, and Prof. J. Amato  
2018- present: Member of the Editorial Board of Heteroatom Chemistry- Hindawi (Wiley-Balckwell)

#### MEMBERSHIPS OF SCIENTIFIC SOCIETIES:

2022-present: Member of the Società Chimica Italiana, Organic Chemistry Division  
2022: Member of the American Chemical Society  
2009-present: Member of the Società Chimica Italiana, Medicinal Chemistry Division

#### TRACK RECORD:

62 publications (h-index:21); 4 book chapters (Last update: February 2025)

#### RECENT PUBLICATIONS:

- 1) Giustiniano, M.\* Isonitrile Photochemistry: A Functional Group Class Coming in from the Cold. *Chem.-Eur. J.* **2024**, *30*, e202402350.
- 2) Russo, C.; Donati, G.; Giustiniano, F.; Amato, J.; Marinelli, L.; Whitby, R. J.; Giustiniano, M.\* Isocyanides as Catalytic Electron Acceptors in the Visible Light Promoted Oxidative Formation of Benzyl and Acyl Radicals. *Chem.-Eur. J.* **2023**, *29*, e202301852.
- 3) Russo, C.; Graziani, G.; Cannalire, R.; Tron, G.C.; Giustiniano, M.\* Visible-light photocatalytic metal-free multicomponent Ugi-like chemistry. *Green Chem.* **2022**, *24*, 3993-4003.
- 4) Russo, C.; Amato, J.; Tron, G.C.; Giustiniano, M.\* The Dark Side of Isocyanides: Visible-Light Photocatalytic Activity in the Oxidative Functionalization of C(sp<sup>3</sup>)-H Bonds. *J. Org. Chem.* **2021**, *86*, 18117-18127.
- 5) Cannalire, R.; Pelliccia, S.; Sancineto, L.; Novellino, E.; Tron, G. C.; Giustiniano, M.\* Visible light photocatalysis in the late-stage functionalization of pharmaceutically relevant compounds. *Chem. Soc. Rev.* **2021**, *50*, 766-897.