



Professor Andrea Temperini
Curriculum Vitae

PERSONAL INFORMATION:

Born: July 20, 1966, Fermo (Italy)

Married: Cristina Reali *Telephone:* +39 075 5865102 (office), +39 075 5855116 (fax)

E-mail: andrea.temperini@unipg.it

EDUCATION:

1990 - *M.S. honours degree*, University of Perugia (Chemistry and Pharmaceutical Technology, 5-year degree course; Mentor: Prof. Marcello Tiecco)

1991 - Qualified to practise as a Pharmacist

1992 - He attended from 22 to 26 of June the XIII Summer School of organic synthesis "A. Corbella".

1994 - He attended from 7 to 15 of January the "Third European Winter School in Organic reactivity".

1998 - He attended from September 26 to October 1st the "Ischia Advanced School of Organic Chemistry"

2018 - He attended from 22 to 24 of September the 1st H-CCAT Summer School

PROFESSIONAL HISTORY AND EXPERIENCE:

1991 -1993 Research contract "Synthesis of heterocyclic derivatives of biological interest" Mediolanum Pharmaceutical S.p.A. grant (Milano, Italy); Mentor: Prof. Arnaldo Fravolini

1993 – Assistant Professor of Organic Chemistry, Dipartimento di Chimica e Tecnologia del Farmaco, University of Perugia

2006 –Present – Associate Professor of Organic Chemistry, Dipartimento di Scienze Farmaceutiche, University of Perugia

RESEARCH INTERESTS:

- Synthetic methodologies for the conversion of functional groups
- New organoselenium intermediates and their use in stereospecific cyclization reactions: formation of carbon-oxygen and carbon-nitrogen bonds
- Synthesis of small saturated heterocyclic compounds with potential biological activity
- Stereoselective synthesis of unnatural β - and γ -aminoacids and their use in the synthesis of oligopeptides
- Diels-Alder reactions as ecofriendly tool for the synthesis of biologically active biaryls and heterobiaryls
- Synthesis of natural products

ACHIEVEMENTS AND HONOURS:

1991 – Recipient of the 5th National Prize- Graduate section "For a Smart Future" – awarded by Federchimica

PROFESSIONAL AFFILIATIONS:

Italian Chemical Society (since 1993), The American Chemical Society (since 2010)

MENTORING: More than 20 undergraduates, 3 PhDs, and 1 Post-docs

PUBLICATIONS AND EDITORIAL ACTIVITY:

- (Co)-author of more than 105 papers in peer-reviewed international scientific journals; delivered more than 100 Communications at national and international meetings (3 invited talks)

2023 Since January he has been a member of the Editorial Board of the journal "Processes" of the publisher MDPI

OTHER INFORMATION:

- Principal investigator of the project "New Stereoselective Synthetic Procedures for the Preparation of Pharmacologically Active Substituted O-heterocyclics and Carbazoles" granted by Fondazione Cassa di Risparmio Perugia (2013-2014)
- Conference organization: Co-Chair of the Symposium "XV National Congress on Pericyclic Reactions and Synthesis of Hetero and Carbocyclics" (Perugia 2013)
- Application reviewer for MIUR-Italian Ministry of University and Research and peer-reviewer for many international scientific Journals of The American Chemical Society, Wiley-WCH, Thieme, Elsevier
- Board of Directors' member of the Doctorate School in "Chemistry and Technology of Drugs, National and International Profile" (University of Perugia, University of Granada-Spain, University of Wein-Austria); 2008-2016
- Hobbies: Cooking, skiing, riding, cycling, family

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