

SHORT CURRICULUM VITAE LUIGI VACCARO Tel +390755855541; Fax +390755855560
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Academic Career

Luigi Vaccaro is a Full Professor of Organic Chemistry, Università degli Studi di Perugia (03/C1 - SSD CHIM/06)

1996: Degree in chemistry at the "Università degli Studi di Napoli – Federico II", *summa cum laude*.

1999: PhD in Chemical Sciences at the "Università degli Studi di Perugia".

2005 and then 2010 – 2017 Research Associate and Associate Professor at the Università degli Studi di Perugia.

2014 - present: Guest Professor (Bijzonder Gastdocent) at the University of KU Leuven Belgium.

2023 - present: Coordinator of the National Doctorate in Catalysis (26 Italian universities and 10 private companies) from 2019 to 2023: Coordinator of the Doctorate School in Chemical Sciences of University of Perugia.

Editorial and societies appointments:

Associate Editor: RSC Green Chemistry (2024-); Green Syn. Catal. (2024-); RSC Advances (2015-2023); Beilstein J. Org. Chem. (2016-)

Advisory Editorial Board: ChemSusChem (2024-); RSC Sustainability (2023-); Tetrahedron Green Chem. (2023-); Sustainable Chemistry for the Environment (2023-)

2019 – 2022 Elected President of the Società Chimica Italiana – Umbria Section.

2013– present Elected in the board then Chair of the Green Chemistry of the Italian Chemical Society.

2019 – present Member of the Division of Green/Sustainable Chemistry of the EuChemS

Honours and recognitions

2001: Society of Chemical Industry - London (SCI) Award - "*First Europa Medal for Europe's Best Younger Chemist*" for the innovative synthesis of norstatines in water (J. Org. Chem. 2003, 68, 7041-7045).

2006 and 2007 Academic Development Program (ADP) Award from Merck's Chemistry Council for "Creative work in organic chemistry".

2007 G. Ciamician Medal of the Società Chimica Italiana – Divisione di Chimica Organica (prize given to young emerging researchers with age below 35 for outstanding contributions to the field of Organic Chemistry).

2014 Awarded the Vigevani Visiting Professorship.

2016 Awarded the Top-10 reviewers recognition from Royal Society of Chemistry.

2017 Awarded the "Lady Davis" Professorship of the Hebrew University of Jerusalem.

2017 Nominated Fellow of the Royal Society of Chemistry, FRSC.

2017 Founder and responsible for the Double Master Degree program in Environmental and Green Chemistry between the Università degli Studi di Perugia and the Hebrew University of Jerusalem (Israel).

2018 and 2022 "Outstanding reviewers for Green Chemistry" by the RSC, <http://dx.doi.org/10.1039/C8GC90034E>.

2023 P. Pino Medal a joint award assigned by the Organic and Industrial Divisions of the Società Chimica Italiana.

2025 Montalcini Research Award, assigned jointly by MAECI and Council of Higher Education Israel.

Teaching

- Lecturer of **Organic Chemistry** and of **Green Chemistry** at the Università degli Studi di Perugia

- Lecturer (Bijzonder Gastdocent) of **Sustainable Chemistry** at the University of KU Leuven Belgium.

Scientific production

Luigi Vaccaro is Co-Author of ca. 300 scientific publications (including reviews and books)

In 2015, he has been selected to contribute to the book on Enabling Innovative Technologies edited by the Italian Association of Industrial Research and in 2017, has been Editor of the book: Flow Chemistry and Sustainability, Wiley.

H-index: 59 Scopus; 63 Scholar. He is Author of two articles currently labelled as "highly cited paper" by WoS and 4 Green Chemistry Hot Articles. He is currently authors of 4 highly cited papers.

Luigi Vaccaro frequently serves as reviewer for International scientific journals and for National and International financing agencies such as ANVUR, Israel Science Foundation, Research Foundation Flanders (FWO), US NSF.

Abroad Experiences

1996: University of East Anglia (UK), under the supervision of Prof. A. McKillop.

1999: University of Groningen (NL), visiting fellow in the Prof. J.B.F.N. Engberts research group.

Research Interests

Catalysis: Multifunctional heterogeneous catalysts designed for flow reactors operating in safer reaction media for the development of waste-minimized syntheses of fine chemicals. Bio-based fuels, Safer solvents and chemicals.

Collaborations (selected):

Dr. Antonio Facchetti, Flexterra Inc (IL, USA), organic semiconductors; Prof. Dima Gelman, The Hebrew University of Jerusalem (IL), organometallic catalysis; Prof. Yanlong Gu, HUST (China), safer solvents; Prof. Choongik Kim, Sogang University (KR), green organic electronics; Sterling SpA (IT), new API; Bazzica Group (IT), green solvents;

Perugia, 01/06/2025

 Luigi Vaccaro