

SHORT CURRICULUM VITAE LUIGI VACCARO

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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.

2015 - present: Associate Editor of RSC Advances a multidisciplinary journal of the Royal Society of Chemistry.

2016 - present: Associate Editor of Beilstein Journal of Organic Chemistry, a journal of the Beilstein Institut.

2019 - present: Coordinator of the Doctorate School in Chemical Sciences of the Università degli Studi di Perugia.

2019 - present 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.

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

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 over 230 scientific publications (including reviews and books) and 11 papers published in Synfacts

In the last 5 years (2016-2020) he has published 80 scientific contributions. 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 published as Editor a book published by Wiley-VCH dedicated to Flow Chemistry and Sustainability.

H-index: 52 (Scopus; 53 Scholar) with ca. 8000 total citations. He is Author of two articles currently labelled as "highly cited paper" by WoS and 4 Green Chemistry Hot Articles.

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 National Science Foundation.

Abroad Experiences

1996: University of East Anglia (UK), attending the first year PhD courses and taking a practical course 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), and Prof. Xugang Guo, South University of Science and Technology of China (China), organic semiconductors; Prof. Dirk de Vos, K.U. Leuven (BE), solid catalysts; Prof. Dima Gelman, The Hebrew University of Jerusalem (IL), organometallic catalysis; Prof. Lutz Ackermann, Goettingen University (DE), C-H activation; Prof. Rafael Luque, Universidad de Cordoba (ES), biomass valorization; Sterling SpA (IT), new API; Systea SpA (IT), environmental analysis.

Perugia, 01/02/2022p

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