
CURRICULUM VITAE

Gabriele Costantino graduated in Chemistry at University of Perugia in 1992. In 1993 he did research activity at the Dipartimento di Chimica e Tecnologia del Farmaco of the University of Perugia, where he became Research in 1994, and, therefore, Associate Professor in 1998. Since

January 2007 he is full professor of Medicinal Chemistry at University of Parma.

During his career, Gabriele has been visiting scientist at Searle R&D (Skokie, IL, USA) and at the Departamento de Quimica Organica of University of Barcelona (Spain).

Gabriele has been visiting professor at the Institute of Organic Chemistry of Goethe University of Frankfurt AM (Germany).

Author of over 140 papers published in international journals.

Gabriele has been awarded in 2003 with the Farmaindustria/SCI prize as best young researcher in medicinal chemistry and with the XVI Friederich Merz Fellowship at the Goethe University of Frankfurt for his research on molecular modeling of glutamate receptors.

Gabriele has served as scientific secretary of the European School of Medicinal Chemistry-Urbino (2001-2008)

From 1st January 2009 to 31 December 2015 he was Editor of MedChemWatch, the official newsletter of the European Federation for Medicinal Chemistry.

He was member of the Executive Committee of the European Federation for Medicinal Chemistry from 2011 to 2015.

Gabriele is member and Treasurer of the Scientific Committee of the Division of Medicinal Chemistry of the Società Chimica Italiana since 2010.

Since 1st January 2016 he is President of the Division of Medicinal Chemistry of the Società Chimica Italiana.

From 2011 to 2015 he was member of the Executive Board of the European Federation for Medicinal Chemistry.

Gabriele was coordinator of the PhD program in Design and Synthesis of Biologically Active Compounds at University of Parma

Gabriele acts as referee for several peer-reviewed international journals, and has repeatedly served as external evaluator for scientific projects of the European Commission (FP6/FP7) and for several european funding agencies.

Gabriele Costanino is the scientific coordinator of INTEGRATE (MSCA-H2020 project) on the identification of new targets for anti-gram negative.

Gabriele Costantino is Director of Food and Drug Department from 1st January 2017.

The research fields are in design and synthesis of antibacterial and antiviral drugs, the development and application of computational methods for the design and synthesis of potential neuroprotective agents (inhibitors of the chinurenine pathway, modulators of metabotropic glutamate receptors) and the design and synthesis of modulators of nuclear receptors.

Gabriele was involved in the initial phases of the project that led to the development of Obeticolic Acid, an approved drug for the treatment of UDCA-resistant primary biliary cirrhosis.

RESEARCH TOPICS

- 1) Design and synthesis of potential neuroprotective agents. In particular, focus is given to inhibitors of enzymes belonging to the kynurenine pathway, and to inhibitors of enzymes involved in the control of glutamatergic neurotransmission
- 2) Molecular dynamics studies of heterodimeric G-protein coupled receptors