

## GIANLUCA GIORGI

### *Curriculum Vitae*

#### **CURRENT POSITION**

Associate Professor of Organic Chemistry at the University of Siena, Dept. of Biotechnology, Chemistry & Pharmacy. Qualified as full professor in Organic Chemistry (ASN 2016).

#### **EDUCATION**

- Graduation in Pharmacy at the University of Siena (1986).
- PhD stage at Emory University, Atlanta, USA (1988).
- PhD degree in Chemistry (Univ. of Siena and Univ. of Perugia, 1990).
- Fellowship by NATO Advanced Study Institute (ASI): *Mass Spectrometry in the Biomolecular Science* (1993).
- Fellowship by CNR NATO for a stage at the Pierre e Marie Curie University, Paris (2002).

#### **RESEARCH LINES AND OUTCOMES**

Research activity concerns the study of gas phase ion chemistry of organic and bioorganic compounds using different approaches of mass spectrometry and computational methods, with special regards to structural, regio- and stereochemical features and aggregation properties.

The results have been published in more than 200 publications in peer review international journals.

#### **ORGANIZATION and DISSEMINATION ACTIVITY**

In the frame of National and International symposia:

- Chairman of many congresses: International Mass Spectrometry Conference, MS Food Day (ed. 1-8), MS PharmaDay, 1st French-Italian Conference on Mass Spectrometry and many others.
- Member of the Scientific and Organizing Committees of several congresses.
- Plenary, keynote and invited speaker at national and international conferences.
- Author and Co-author of more than 250 oral/poster communications.

#### **MANAGEMENT, TEACHING AND TUTORING ACTIVITY**

- Director of "Interdepartmental Centre of Analysis and Structural Determinations" of the University of Siena (1997-2003).
- President of the Division of Mass Spectrometry of the Italian Chemical Society (2008-2010; 2014-2016).
- Representative of Area A (Europe, Africa) (2014-2018); Vice President for conference (2016-2018); Vice-President for Education (2021-2025) in the International Mass Spectrometry Foundation.

#### *National and European projects:*

- Project TEMPUS "*European Master Degree in Environmental Biotechnology*" (S\_JEP 11454-96) (1996-1999).
- Project SOCRATES: Higher Education (ERASMUS) (1999-2001).
- Project Leonardo da Vinci "Vocational Training in Biotechnology Innovation and Environmental Protection (BioINEP) (BG/99/2/013063/P I/II.1.1.c/FPC) (1999-2001).
- Member of different PRIN projects.

#### *In the frame of Ph. D. courses:*

- Teacher in different Ph. D. courses in Italy and abroad.

- Member of evaluation commissions and lecturer in several PhD courses in Italy and abroad.
- Member of the Committee of the Ph. D. course in Chemical and Pharmaceutical Sciences of the University of Siena.

*In the frame of MD and BD courses:*

- University of Siena: courses of *i)* Organic Chemistry at the bachelor course of Natural Sciences and Biological Sciences (6CFU; 2009-2019); *ii)* Chemistry of Biomolecules at the master course in Molecular and Cellular Biology (6 CFU); *iii)* Advanced Organic Chemistry II course at the master course in Chemistry (9 CFU).
- Tutor of MD students in Chemical Sciences, Biology, Molecular and Cellular Biology at the University of Siena; tutor of BD students in Chemistry at the University of Siena

*In the frame of national and international courses and schools:*

- Director of “Corso di Spettrometria di Massa”, a yearly course at the Certosa di Pontignano (SI).
- Project creator of the “International Mass Spectrometry School”, director of the 1<sup>st</sup> and 6<sup>th</sup> edition and teacher in different editions.
- Project creator and director of the “International School on Mass Spectrometry” at the Ettore Majorana Foundation and Centre for Scientific Culture in Erice.
- Teacher in different national and international courses of mass spectrometry.

**EDITORIAL ACTIVITY**

- Reviewer for International Journals in Subject Categories Organic Chemistry, Chemistry and Analytical Chemistry
- Author of 10 Editorials
- Member of the Editorial Board of “*Annali di Chimica*”, Italian Chemical Society and Wiley (2003-2007).
- Member of the Editorial Board of *Journal of Mass Spectrometry*.
- Member of the Editorial Board of “*Targets in Heterocyclic Systems*”, O.A. Attanasi and D. Spinelli Editors.
- Member of the Society Advisory Board of the Portal “*Chemistry Views*” published by Wiley.

**AFFILIATIONS TO SCIENTIFIC SOCIETIES**

- Member of Società Chimica Italiana
- Member of American Society for Mass Spectrometry
- Member of the International Mass Spectrometry Foundation