

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

Name **LANZOTTI VIRGINIA**

Work Address DEPARTMENT OF AGRICULTURAL SCIENCES, VIA UNIVERSITÀ 100, 80055, PORTICI (NA), ITALY

Telephone + 39 081 2539459

E-mail virginia.lanzotti@unina.it

Nationality Italian

**WORK EXPERIENCE**

• Occupation or position held

2019 Full professor of Organic Chemistry, The University of Naples Federico II, Naples, Italy  
2009 to 2018 Associate professor of Organic Chemistry, The University of Naples Federico II, Naples, Italy  
1992-2009 Associate professor of Organic Chemistry, The University of Molise, Campobasso, Italy  
1988-1992 Research Assistant, University of Molise, Department of Agricultural and Food Sciences  
1985-1988 Research Assistant, Italian National Council of Research, Arco Felice, Naples, Italy  
1982-1985 Post-doc, University of Naples, Department of Pharmacy, Naples, Italy

• International experience

2003- Adjunct Faculty Member, Medical University of Isfahan, Iran  
1994 Visiting Professor at Gorlaeus Laboratory, the University of Leiden

• Main activities and responsibilities

1998-2009 President of the Committee of the Equal Opportunity, University of Molise  
2003-2007 Regional representative for Italy of the Phytochemical Society of Europe  
2007-2013 Meetings Secretary of the Phytochemical Society of Europe  
2010- Erasmus Departmental Delegate, University of Naples Federico II, Naples  
2014- International Relationships Delegate, School of Agricultural Sciences and Veterinary, University of Naples Federico II  
2014-2019 President of the Phytochemical Society of Europe

• Fellowships and awards

1985 Post doctoral Fellowship at the Department of Chemistry, University of Bonn

1989 EMBO fellowship at the Gorlaeus Laboratory, University of Leiden  
 1997 EMBO fellowship at Gorlaeus Laboratory, the University of Leiden  
 2003 Pierre Fabre Award for Excellence in Phytochemistry with announcement and CV publication on Phytochemistry, 2004, vol. 65, pp. 2417-2418.

## EDUCATION AND TRAINING

- 1982 Degree in Chemistry cum Laude
- Name and type of organisation providing education and training Faculty of Mathematics, Physics, and Natural Sciences, University of Naples Federico II
- Principal subjects/occupational skills covered Stereostructure of Natural Products, Drug Discovery, Food Chemistry, Soil Organic Matter Phytotoxicity, Metabolomics
- Title of qualification awarded National Abilitation to Full Professorship of Organic Chemistry
- Level in international classification h-index: 38  
 161 papers published (SCOPUS)  
 73 papers published last ten years (2012-to date) (SCOPUS)

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career  
 but not necessarily covered by formal  
 certificates and diplomas.*

MOTHER TONGUE  
 OTHER LANGUAGES

ITALIAN  
 ENGLISH, FRENCH

## SCIENTIFIC AND ACADEMIC ACTIVITY

### ACADEMIC TEACHING

UNIVERSITY OF NAPLES FEDERICO II

2013- TO DATE

2012

2011-12

2009-11

UNIVERSITY OF MOLISE

1992-2008

1988-1991

TUTORING

1992-TO DATE

Course of Organic Chemistry, Degree in Food Technology  
 Course of Organic Chemistry, Degree in Forestry and Environmental Sciences  
 Course of Applied Organic Chemistry  
 Course of Organic Chemistry, Degree in Agricultural Sciences and Technology

Course of Organic Chemistry, Degree in Food Technology  
 Course of Chemistry of Natural Compounds, Degree in Food Science and Technology  
 Course of Food Analysis and Certification,  
 Course of Industrial Organic Chemistry, Degree in Chemistry  
 Course of General Chemistry,  
 Teaching Assistant, Course of Organic Chemistry, Degree in Food Technology

Tutor of > 60 undergraduate and master dissertations  
 Tutor of 10 PhD dissertations

### ORGANISATIONAL SKILLS AND COMPETENCES

*Coordination and administration of  
 people, projects and budgets; at work, in  
 voluntary work (for example culture and  
 sports) and at home, etc.*

PRIN 1997: CHIMICA DEI COMPOSTI ORGANICI DI INTERESSE BIOLOGICO (RESPONSIBLE UNIT)  
 PRIN 2003: NUOVE FONTI NATURALI DI FITOESTROGENI (RESPONSIBLE UNIT)  
 FIRB 2003 MOLECULAR RECOGNITION IN PROTEIN-LIGAND INTERACTION (RESPONSIBLE CHEMISTRY GROUP)  
 PRIN 2005 EFFECTS OF SPECIES DIVERSITY ON LITTER PRODUCTION AND DECOMPOSITION IN MEDITERRANEAN MAQUIS: MODELLING ANALYSIS (RESPONSIBLE CHEMISTRY GROUP)  
 FISIR 2006-2010 METODI SOSTENIBILI PER IL SEQUESTRO DEL CARBONIO ORGANICO NEI SUOLI AGRARI.  
 VALUTAZIONE DEGLI EFFETTI SULLA QUALITÀ CHIMICA, FISICA, BIOLOGICA ED

SCIENTIFIC PRESENTATIONS  
INVITED LECTURES

- V. Lanzotti (2003) Diterpenes: a promising class of compounds for medicinal applications. International Symposium on Chemistry and Biology of Marine Organisms, Kolympari, Creta, Grecia.
- V. Lanzotti (2004) Bioactive Saponins from Alliaceae and Asteraceae, International Conference on Phytochemistry and Application of Plant Saponins, Pulawy, Poland.
- V. Lanzotti (2005) Jatrophane Diterpenes as Inhibitors of Multidrug Resistance. XXI Conference on Isoprenoids, Bialowieza, Poland.
- V. Lanzotti (2006) Secondary metabolites from Euphorbiae plants as potential leads in cancer cure. Future trends in Phytochemistry, The Phytochemical Society of Europe, Olomouc, Czech Republic.
- V. Lanzotti (2011) Bioactive Natural products from food plants, An International Conference on Phytochemicals in Nutrition and Health, Giovinazzo (Bari), Italia
- V. Lanzotti (2012) New trends in the research of bioactive plant metabolites, 2012 International Conference on Natural Products Research, New York, USA, abstracts published on *Planta medica* (2012), 78, 1029
- V. Lanzotti (2012) Plant-derived Saponins with antimicrobial activity., Biocommunications involving semiochemicals from Plants, BIOCOM12, International PSE conference, Cadice, Spain.
- V. Lanzotti (2016) Natural Products in Drug Discovery: from Classical Analysis to Metabolomic Approaches. Trends in Natural Product Research. A Young Symposium of the Phytochemical Society of Europe, Pulawy, Poland.
- V. Lanzotti (2016) Natural Products in Drug Discovery: from Classical Analysis to Metabolomic Approaches. 9th Joint Natural Products Conference, Copenhagen, Danimarca.
- V. Lanzotti (2017) Natural Products in Drug Discovery: from Classical Analysis to Metabolomic Approaches. Trends in Natural Product Research. A Young Symposium of the Phytochemical Society of Europe, Lille, France.
- V. Lanzotti (2017) Metabolomics in Phytochemistry: from Ecology to Food Security. New and Old Phytochemicals: their Role in Ecology, Veterinary and Welfare, Francavilla al Mare, Chieti, Italy.
- V. Lanzotti (2018) Metabolomics Analysis in Food Plants, Euroindoamerican Natural Products Meeting Madrid, Spain.
- V. Lanzotti (2018) Metabolomics in Phytochemistry: from Food Security to Ecology, Advances in Phytochemical Analysis (Trends in Natural Products Research), YSM of the PSE, Liverpool, UK.
- V. Lanzotti (2019) NMR spectroscopy and mass spectrometry in the discovery of bioactive metabolites. PSE YSM, Budapest, Ungheria
- V. Lanzotti (2019) Metabolomics approaches and new perspectives in phyto-pharmaceutical research, Current Trends in the Analysis of Medicinal Plants, Summer School SSPA, Pescara, Italy
- V. Lanzotti (2019) Natural Compounds in Drug Discovery, Natural Products in Drug Discovery and Health (NatProDDH), Lisboa, Portugal.
- V. Lanzotti (2020) Chimica organica e Agraria: più vicine di quanto sembri, Caffè Scientifico della Scuola di Agraria e Medicina Veterinaria, Napoli, Italy
- V. Lanzotti (2020) Traditional phytochemical approaches and new perspectives in nucleic acids applications, eCongress della Phytochemical Society of Europe
- V. Lanzotti (2021) Metabolomics approaches and new perspectives in phytopharmaceutical research. Scuola di Dottorato, Università di Graz, Austria
- V. Lanzotti (2022) Classical Methods and Metabolomics for the Identification of Bioactive Natural products, Third International Conference of Natural Product Discovery, Liverpool, UK

CHAIRMAN OF CONFERENCES

- International Congress, Phytochemical Society of Europe (PSE) on "Flavour and Fragrance Chemistry", Campobasso, 01/2000.
- International Congress, Phytochemical Society of Europe (PSE) on "Natural Products in Cancer Therapy", 1<sup>st</sup> Edition, Napoli, 09/2008.
- International Congress, Phytochemical Society of Europe (PSE) on "Natural Products in Cancer Prevention and Therapy", 2<sup>nd</sup> Edition Napoli, 06/2013.
- International Congress, Phytochemical Society of Europe (PSE) on "Natural Products in Cancer Prevention and Therapy. Trends in Methods and Modelling", 3<sup>rd</sup> Edition, Napoli, 09/2018.

EDITORIALS

- Lanzotti V (2014) Natural Products in Cancer Prevention and Therapy, Second Edition, Drugs based on natural compounds: recent achievements and future perspectives From *Phytochemistry Reviews* (2014), 13(4), 725-726.

Lanzotti V and Jianbo X. (2014) Thematic Issue: Natural Products in Cancer Prevention and Therapy, a selection of topics presented in the 2nd Edition PSE Symposium (Naples, Italy, 25th to 28th of June 2013) From Anti-Cancer Agents in Medicinal Chemistry (2014), 14, 1313-1314.

Lanzotti V (2012). New trends in the research of bioactive plant metabolites. PLANTA MEDICA, vol. 78, p. 1029, ISSN: 0032-0943

Lanzotti V (2012). Diterpenes and their therapeutical uses. In: Handbook of Natural Products - Phytochemistry, Botany, Metabolism. vol. 3, p. 1-17, Springer, ISBN: 978-3-642-22145-3, doi: DOI 10.1007/978-3-642-22144-6\_192

V. Lanzotti, O. Tagliatela Scafati, E. Fattorusso. A. Di Pietro (2011). Plant Compounds and Derivatives as Inhibitors of Cancer Cell Multidrug Resistance. In: C. Tringali. Bioactive Compounds from Natural Sources: Natural Products as Lead Compounds in Drug Discovery. p. 409-450, London: CRC Press, ISBN: 9781439822296

Osborn AE, Lanzotti V (2009). Plant-derived Natural Products: Synthesis, Function and Application. vol. XIV, p. 1-598, Springer, ISBN: 9780387854977

Lanzotti V (2009). Natural Products in Cancer Therapy. Fundamentals and perspectives of natural products research (PSE meeting Naples 23-26 September 2008). PHYTOCHEMISTRY REVIEWS, vol. 8, p. 311-502, Dordrecht: Springer, ISSN: 1568-7767

Lanzotti V (2006). The analysis of onion and garlic. J. Chromat. A, vol. 1112, p. 3-22.

Lanzotti V, Tagliatela-Scafati O (2000). Editors: Flavour and Fragrance Chemistry. Springer, ISBN: 9780792362111

#### EDITORIAL BOARD MEMBER

2003- Member of the Editorial board of Plant Biosystems  
 2007- Member of the Editorial board of Phytochemical Analysis  
 2008- Member of the Editorial board of Phytochemistry Reviews  
 2010- Member of the Editorial board of Phytochemistry Letters  
 2010- Member of the Editorial board of Fitoterapia  
 2016- Member of the Editorial Board of Phytochemistry

#### SCIENTIFIC COMMITTEE

Member of the Scientific Committee of > 30 International Conferences

TECHNICAL SKILLS  
 AND COMPETENCES  
*With computers, specific kinds of  
 equipment, machinery, etc.*

Use of word, excel, power point, chemdraw

ARTISTIC SKILLS  
 AND COMPETENCES

Singing in choirs  
 Practicing Tai Chi

DRIVING LICENCE(S)

Patent with abilitations A B

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV