

PERSONAL INFORMATION

Luigi Milella



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Nationality Italian

POSITION AND SCIENTIFIC INTEREST

Associate Professor in "Pharmaceutical Biology" at the MsC in Pharmacy, University of Basilicata (Italy), where he carries out research focused on the study of the chemical composition and biological activity of natural substances coming from different sources, either foods or medicinal plant species. The species studied belong to the endemic flora of Mediterranean countries (e.g. *Olea europaea*, *Fragaria* spp., *Citrus* spp.) or some of them are known and used in traditional medicines in South American countries [e.g. *Smalanthus*, *Azorella*, *Salvia* spp]. 2008/today. Recently his attention has also been focused on by-products coming from the agro-wood industry and their use as biorefinery.

FULL PUBLICATION LIST AVAILABLE AT THE FOLLOWING LINKS

SCOPUS <https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=14033097400&zone=>
SCHOLAR <https://scholar.google.it/citations?user=XakYctcAAAAJ&hl=it&oi=ao>
ORCID <https://orcid.org/0000-0002-5874-1237>

ACTUAL POSITION

A.A. 2020/today Associate professor in "Pharmaceutical Biology" SSD BIO15
MsC in Pharmacy, University of Basilicata (Italy)

Area: Plant Science and Biology

TEACHING EXPERIENCES

A.A. 2010/today Aggregate Professor of the Course of Pharmacology and Pharmacotherapy
Faculty of Pharmacy, University of Basilicata (Italy)

A.A. 2009/today Aggregate Professor of the Course of Pharmacognosy
Faculty of Pharmacy, University of Basilicata (Italy)

A.A. 2009/today Aggregate Professor of the Course of Pharmaceutical Botany
Faculty of Pharmacy, University of Basilicata (Italy)

OTHER TEACHING EXPERIENCES

A.A. 2017/today Member of the PhD Advisor Council in "APPLIED BIOLOGY AND ENVIRONMENTAL SAFEGUARD" XXXIII-XXXIV cycle
Coordinator Prof. Sabino Bufo, University of Basilicata, (Italy)

A.A. A.A. 2013-2017 Member of the PhD Advisor Council in SCIENCES XXIX cycle
Coordinator Prof. Sabino Bufo, University of Basilicata, (Italy)

A.A. A.A. 2009-2013 Member of the PhD Advisor Council in BIOLOGY AND BIOTECHNOLOGIES XXV cycle
Coordinator Prof. Eugenio Parente, University of Basilicata, (Italy)

TEACHING EXPERIENCE ABROAD

September 2020 Teaching assignment Oregon State University – Oregon (USA)
Vitamin D and Vitamin A, sources, metabolism, function and toxicity

September 2019 Teaching assignment Oregon State University – Oregon (USA)

	Vitamin D and Vitamin A, sources, metabolism, function and toxicity
April 2017	Teaching assignment through the Erasmus Programme at the University of Praga (Czech Republic)
	Chemistry of natural substances and their biological activity – 8h
May 2016	Teaching assignment through the Erasmus Programme at the University of Granada (Spain)
	Frontal lessons on "medicinal plants and their use in human beings - chemical structure of secondary metabolites and pharmacognostic applications – 8h
May-June 2015	Teaching assignment through the Erasmus Programme at the University of Praga (Czech Republic)
	The activity was centred on the role of alkaloids and their biological activity/medicinal plants and their use – 8h
March 2014	Teaching assignment through the Erasmus Programme at the University of Praga (Czech Republic)
	Research on medicinal plants and their use – 8h
April-May 2013	Teaching assignment through the Erasmus Programme at the University of Laguna (Tenerife-Spain)
	The activity was centred on the biosynthesis of secondary metabolites, their structure and chemical characteristics – 8h

INTERNATIONAL JOURNAL EDITORIAL COMMITTEE PARTECIPATION

A.A. 2019/today	GUEST EDITOR of several Special Issues "Biological Activities of Alkaloids: From Toxicology to Pharmacology" section PLANT TOXINS of the magazine TOXINS, indexed ISI and SCOPUS
A.A. 2019/today	MEMBER OF THE EDITORIAL BOARD of the journal PLANTS indexed on ISI and SCOPUS
A.A. 2015/today	ASSOCIATE EDITOR of the PLANT SCIENCE section of the journal EJFA - Emirates Journal of Food. and Agriculture, indexed ISI and SCOPUS
A.A. 2015/today	MEMBER OF THE EDITORIAL ADVISORY BOARD of the INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE magazine, indexed on ISI and SCOPUS
A.A. 2011/today	EDITOR (Section ACADEMIC EDITORS https://www.hindawi.com/journals/ecam/editors/) of the magazine EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, indexed on ISI and SCOPUS
A.A. 2010/today	MEMBER OF THE EDITORIAL ADVISORY BOARD and MEMBER OF AUDITORS of the BLACMA magazine (Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas) indexed on ISI and SCOPUS

ACADEMIC CHARGES

A.A. 2014-2021	Responsible for Scientific Activities coordination of the BioMedical Area of the Department of Science
September 2012	Member of the Central University Committee of Research Evaluation
April 2010/today	Coordinator of the Erasmus Project for the Department of Science Faculty of Pharmacy, University of Basilicata (Italy)
March 2009/today	Coordinator of the Erasmus Project for the Faculty of Pharmacy. Faculty of Pharmacy, University of Basilicata (Italy)
March 2009/today	Responsible for the Faculty of Pharmacy for the Scientific Evaluation Committee Faculty of Pharmacy, University of Basilicata (Italy)

FINANCED PROJECT LEADER RESPONSIBILITY

A.A. 2018/today	Scientific Responsible of the ALIMINTEGRA project titled " Culture Management, Metabolic Enrichment for the production of Functional Foods, Nutraceuticals and Supplements" financed within the FEASR-PSR Projects
A.A. 2018/today	Responsible of the University of Basilicata for the framework agreement between the Foundation of Participation and Research Observatory Basilicata Region (FARBAS) and the University of Basilicata
A.A. 2018/today	Responsible of the Local unit of the Project titled "New shells and satiating plant extracts for new functional anti-obesity milk-based products" Financed from the Ministry of the Economic development 2018-today
A.A. 2018/today	Responsible of the Project titled "Management of Crops, Metabolomic Enrichment for the production of Functional Foods, Nutraceuticals and Supplements". Financed form Basilicata region
A.A. 2014-2015	Responsible of the Project titled "Optimization of the Extractive Processes of Polyphenols from Plant Matrices" Scientific Responsible of the Project Call - Granting Body: Area Science Park, Trieste, IT

- A.A. 2014-2015 Scientific Responsible for the Research Project "Promotion of research and innovation and development of relations with the regional production system" financed by Basilicata Region
- A.A. 2007-2013 Responsible of the Project titled "Valorisation of agro-forestry biomass residues for obtaining nutraceutical products" funded by the education, culture and sport department of the esf operating program of the region Basilicata

KNOWLEDGE TRANSFER

- A.A. 2018/today First Proponent of the ACADEMIC SPIN OFF BioActiPlant, and Effective Member of the established Company BioActiPlant s.r.l . The company was established with a Notary Deed on 23/03/2018.

EDUCATION

- March 2006 **PhD in "Applied Biology" - University of Basilicata, Potenza – ITALY**
 Plant Metabolomics and Genetics, Department of Biology and Biotechnology;

 - Thesis: "Isolation of fractions gene, variation in antioxidant activity and polyphenol content during the ripening process in Fragaria vesca Mill."

- February 2002 **School of Specialization in "Cosmetic Science and Technology" University of Salerno, Salerno - ITALY**
 Laboratory of Phytochemistry, Department of Pharmaceutical Sciences University of Salerno, Salerno Italy

 - Thesis: "Study of the composition, antioxidant and anti-inflammatory activities of Thymus satureioides extracts", performed at the at the same University.

- November 2000 **Professional state exam**
 Certification to practice as pharmacist

 - Note: 285/300

- October 2000 **Master Degree in Pharmacy University of Salerno**
 Laboratory of Phytochemistry, Department of Pharmaceutical Sciences University of Salerno, Salerno Italy

 - Thesis: "A new benzophenone poliisoprenilato isolated from a sample of Cuban propolis"
 - Advisor: Prof. Francesco de Simone

LANGUAGE SKILLS

Other language	COMPREHENSION		SPEECH		WRITTEN PRODUCTION
	Listening	Reading	Interaction	Oral production	
English	C2	C2	C2	C2	C2
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					
Spanish	C2	C2	C2	C2	C2
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					

- Personal details I authorise the processing of my personal data pursuant to Legislative Decree no. 196 of 30 June 2003 "Personal Data Protection Code".