

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **MILELLA, Luigi**
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Nationality Italian
Date of Birth 09/10/1976
Gender Male

WORK EXPERIENCE

- A.A. 2020 - today
• Name and address of the employer Associate professor in "Pharmaceutical Biology" SSD BIO15
Faculty of Pharmacy, University of Basilicata (Italy)
• Type of business or sector Pharmaceutical Biology
• Occupation or position held Associate professor
• Main activities and responsibilities I carry out research focused on the study of the pharmacological activity, chemical structure and biosynthesis of natural compounds 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. *Smilax* spp., *Bidens humilis*, *Salvia* spp].

- A.A. 2019 - today
• Type of business or sector Guest Editor
Special Issue "Biological Activities of Alkaloids: From Toxicology to Pharmacology" section
PLANT TOXINS of the magazine TOXINS, indexed ISI and SCOPUS

- A.A. 2015 - today
• Type of business or sector Associate Editor
PLANT SCIENCE section of the journal EJFA - Emirates Journal of Food. and Agriculture,
indexed ISI and SCOPUS

- A.A. 2011 - today
• Type of business or sector Editor
Section ACADEMIC EDITORS <https://www.hindawi.com/journals/ecam/editors/>
magazine EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, indexed
on ISI and SCOPUS

- A.A. 2010 - today
• Type of business or sector Member Of The Editorial Advisory Board And Member Of Auditors
magazine EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, indexed
on ISI and SCOPUS

- A.A. 2010 - today
• Name and address of the employer Aggregate Professor of The Course of Pharmacology and Pharmacotherapy
Faculty of Pharmacy, University of Basilicata (Italy)

- Type of business or sector Pharmacology and Pharmacotherapy
- Occupation or position held Aggregate Professor

- A.A. 2010 - today Visiting professor for the ERASMUS Project
- Name and address of the employer (e.g. University of Seville (ES) /Prague (CZ) / Porto (PT) etc.) one week per year (8h per week).

- A.A. 2010 - today Coordinator of the Erasmus Project for the Faculty of Pharmacy
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)

- A.A. 2009 - today Aggregate Professor of the Course of Pharmacognosy
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)
 - Type of business or sector Pharmacognosy
 - Occupation or position held Aggregate Professor

- A.A. 2009 - today Aggregate Professor of the Course of Pharmaceutical Botany
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)
 - Type of business or sector Pharmaceutical Botany
 - Occupation or position held Aggregate Professor

- A.A. 2009 - today Coordinator of the Erasmus Project for the Faculty of Pharmacy.
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)

- A.A. 2009 - today Responsible for the Faculty of Pharmacy for the Scientific Evaluation Committee
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)

- A.A. 2009 - 2010 Aggregate Professor of the Course of Physiology
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)
 - Type of business or sector Physiology
 - Occupation or position held Aggregate Professor

- A.A. 2008 - 2009 Laboratory support for the Teaching Course of Pharmacognosy
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)

- A.A. 2007 – 2008 Erasmus Intensive Programme for the course "Plant biotechnologies and applications"
- From June 29th to July 10th
- Name and address of the employer Faculty of Pharmacy, University of Basilicata (Italy)

- A.A. 2007 Grant for the following research project: "Study of fractions gene related to the biosynthesis of secondary metabolites in *Fragaria* spp.".
- Name and address of the employer University of Basilicata (Italy)

- A.A. 2005 - 2006 Teacher for seminars on the theme: "SNPs and molecular markers useful for the study of DNA"
- Name and address of the employer University of Basilicata (Italy)
 - Type of business or sector Course "Biotechnology Genetics' Degree in Biotechnology,

- A.A. 2005 - 2006 Teacher for seminars on the theme: "Recombinant DNA technology: potential uses" and "Survey methods for the characterization of the transcriptome of secondary metabolites of pharmacological interest and / or nutraceutical"
- Name and address of the employer University of Basilicata (Italy)
 - Type of business or sector Master's Degree in "Viticulture and Enology"

- A.A. 2005 - 2006 Grant for the following research project: "Isolation and characterization of differentially expressed gene fractions with potential pharmacological action and / or nutraceutical in *Citrus* spp."

- Name and address of the employer University of Basilicata (Italy)
 - April-September 2005 Research fellow at the TEAGASC
- Name and address of the employer "The National Food Centre" of Dublin supported by a "Leonardo da Vinci"scholarship
 - Type of business or sector Techniques of analysis and quantification of gene expression using Real Time PCR technique.
Advisor: Director of the Department Dr. Geraldine Duffy
- A.A. 2004 - 2005 Teaching assistant for the course in "Microbial Biotechnology"
 - Name and address of the employer Faculty of Biotechnology, University of Basilicata (Italy)
- A.A. 2004 - 2005 Laboratory practice Course of the course "Microbial Biotechnology"
 - Name and address of the employer Degree in Biotechnology, University of Basilicata (Italy)
- March-October 2004 Research fellow at the "Research Centre of Crop Productions"
 - Name and address of the employer Prague because of a grant "Erasmus"
 - Type of business or sector Study of the genome of yacon [*Smallanthus sonchifolius* (Poepp. et Endl.)], Species of South American origin used in traditional medicine, using innovative techniques for molecular analysis (RAPD, AFLP, SNP microarrays).
Advisors: Dr. Jaroslav Salava and Dr. Jaroslava Ovesnà
- A.A. 2004 - 2005 Teacher for seminars for high school scholars as part of the AT-001.1
 - Name and address of the employer "Universities Open Doors" (Project Itinera / Orient) project.
- A.A. 2003 - 2006 Laboratory practice Course "Biotechnology Genetics"
 - Name and address of the employer Degree in Biotechnology, University of Basilicata (Italy)

EDUCATION AND TRAINING

- March 2006 PhD University of Basilicata, Potenza – ITALY
 - Name and type of organisation providing education and training Plant Metabolomics and Genetics, Department of Biology and Biotechnology;
 - Principal subjects/occupational skills covered Thesis: "Isolation of fractions gene, variation in antioxidant activity and polyphenol content during the ripening process in *Fragaria vesca* Mill.". Advisor: Prof. Giuseppe Martelli
 - Title of qualification awarded PhD
 - Level in national or international classification (if relevant)
- February 2002 School of Specialization in "Cosmetic Science and Technology"
 - Name and type of organisation providing education and training Laboratory of Phytochemistry, Department of Pharmaceutical Sciences University of Salerno, Salerno Italy
 - Principal subjects/occupational skills covered Thesis: "Study of the composition, antioxidant and anti-inflammatory activities of *Thymus satureioides* extracts"
Note: 50/50 summa cum laude
 - Title of qualification awarded Specialization
 - Level in national or international classification (if relevant)
- November 2000 Professional state exam
 - Name and type of organisation providing education and training University of Salerno
 - Title of qualification awarded Certification to practice as pharmacist
Note: 285/300

- Level in national or international classification (if relevant)

- October 2000

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

Master Degree in Pharmacy University of Salerno

Laboratory of Phytochemistry, Department of Pharmaceutical Sciences University of Salerno, Salerno Italy

Thesis: "A new benzophenone poliisoprenilato isolato da un campione di propoli cubana"

Advisor: Prof. Francesco de Simone

Note:110/110

Master Degree

- Title of qualification awarded
- Level in national or international classification (if relevant)

PERSONAL SKILLS AND COMPETENCES

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

MOTHER TONGUE

ITALIAN

OTHER

- *Reading skills*
- *Writing skills*
- *Oral expression skills*

ENGLISH

excellent
excellent
excellent

- Reading skills
- Writing skills
- Oral expression skills

SPANISH

excellent
excellent
excellent

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

THESE SKILLS HAVE BEEN ACQUIRED DURING THE LAST 10 YEARS OF PROJECT LEADERSHIPS AND TEAM WORKING.

I try and I use to speak clearly, concisely, and without misinterpretation. I use to pay close attention to the speaker by engaging with them to ensure I am getting the essence of the conversation, I am tolerant and I am used to travel alone, with friends or colleagues and always finding an agreement on nearly any topic. I use to be respectful about letting others speak and knowing when to initiate conversation or respond, I do not love to interrupt the others

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.

THESE SKILLS HAVE BEEN ACQUIRED DURING THE LAST 20 YEARS OF TEAM WORKING AS COLLABORATOR OR AS LEADER.

I am able to creating and keeping deadlines, organize my and other work but also able to delegation. When needed I am a decision maker and with great skills of problem solving. I do care about productivity, strategic thinking strong focus, concentration, clear, coherent thinking, and good memory. I love music and sport, I use to observe arts or nature to get new emotions, ideas.

Projects:

2020 Scientific Responsible of the Project "Plant Active Products: Research, Innovation and Knowledge Advancements through an International NETWORK - PAPRIKANET" (CUP: C39J20001740002) financed from funds dedicated to interregional and transnational cooperation in collaboration with the University of Naples Federico II, CNR and 12 European universities and research centers.

2019 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 (CUP C31G18000210002) University of Basilicata as leader, 2 other national research institutes, the University of Naples, the University of Bari and 16 private companies.

2018 Responsible of the Local unit of the Project FULLNESS titled "New shells and satiating plant extracts for new functional anti-obesity milk-based products" (Prog. N° F/200099/01-03/X45) Financed from the Ministry of the Economic development in partnership with GRANAROLO and EVRA (Lead Partner)

2014 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

2014 Scientific Responsible for the Research Project "Promotion of research and innovation and development of relations with the regional production system" financed by Basilicata Region

2007 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 FESR operating program of the region Basilicata

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

CHROMATOGRAPHY HPLC; HPLC-MS, CYTOFLUORIMETRY, CELL CULTURE, PCR, STATISTICS,
ADVANCED USE OF PC, ALL OFFICE PACK, INTERNET, BASIC PROGRAMMING

**ARTISTIC SKILLS
AND COMPETENCES**
Music, writing, design, etc.

PERCUSSION

DRIVING LICENCE(S) Motorbike, Car, Boat

ADDITIONAL INFORMATION

total number of publications in peer-review journals	123
total Impact Factor (IF) (average IF/paper),	445.6 (3,9)
total number of citations	1761
H index	25

For Contacts

25FOR REFERENCES

PLEASE CONTACT :

Prof. Jaroslava Ovesná Director of the Genetic Department of the Crop Research Centre in Prague Email ovesna@vurv.cz

Prof. Christian Zidorn Director of the Department of Pharmacognosy, Christian Albert University in Kiel email: czidorn@pharmazie.uni-kiel.de

Prof. Julio Galvez Full professor of Pharmacognosy, Granada University jgalvez@ugr.es

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