

## CURRICULUM VITAE



### PERSONAL INFORMATION

Name	<b>MAMOÇI ERJON</b>
Address	<b>L106, Universiteti Bujqësor i Tiranës, Kodër Kamëz, 1029, Tiranë</b>
Phone number	
E-mail	<b><u><a href="mailto:mamocie@ubt.edu.al">mamocie@ubt.edu.al</a></u></b>
Nationality	<b>Albanian</b>
Date of birth	<b>15/06/1982</b>

### WORKING EXPERIENCE

#### • From October 2011- present

Name and address of employer

Type of work

Lecturer

Faculty of Biotechnology and Food, Agricultural University of Tirana - Koder-Kamez, Tirane, Albania

Academic and Research

#### • From April to September 2005

Name and address of employer

Type of business or sector

Type of work

Contract of collaboration

Project : Rritja e Prodhimit Bujqësor "2KR" – Ministry of Agriculture and Food- Sheshi" Skënderbej" Nr.2 Tiranë

Agriculture

Specialist in sector of subsidy

### EDUCATION AND FORMATION

#### • From January 2008 - March 2011

Name and type of educational institution

Thesis title

Thesis supervisor

Phd Coordinator:

Principal subjects

Title of qualification awarded

Doctoral Research (PhD) with scholarship, Environment, Resources and Sustainable Development

Department of Environmental Sciences – Faculty of Science and Technology - Parthenope University of Naples - Centro Direzionale isola C4 -80143 Napoli, Italy

Chemical Composition and Biological Activity of Plant Extracts from *Ferula communis* and *Dittrichia viscosa*

Dr. Lina Al-Bitar

Prof. Stefano Dumontet

Natural Substances Extraction, Chemical Characterization of Plant Secondary Metabolites, Bioassays with Plant Extracts and Plant Secondary Metabolites

Doctor of Philosophy (Ph.D) with the label of "Doctor Europaeus"

• From October 2005 to October 2007

Name and type of educational institution  
Principal subjects  
Thesis title  
Thesis supervisor  
Final grade  
Title of qualification awarded

Master of Science in "Mediterranean Organic Agriculture"  
Mediterranean Agronomic Institute of Bari – via Ceglie, 9; 70010 Valenzano, Bari, Italia  
Soil Fertility Management, Biological Control of Pest, Diseases and Weeds, Socio-Economic aspects' Certification and Legislation in Organic Agriculture  
The Use of Antagonistic Microorganism and Natural Substances in the Grapevine Powdery Mildew Control  
Prof. Ilaria Pertot and Dr. Vito Simeone  
87/100; ECTS Grade: A "Cum maxima laude"  
Master of Science

• From 2000 to 2005

Name and type of educational institution  
Final grade  
Thesis Title  
Thesis supervisor  
Final grade  
Title of qualification awarded

Diploma of "Agricultural Engineer"  
Department of Horticulture and Plant Protection, Faculty of Agriculture, Agricultural University of Tirana - Koder-Kamez, Tirane, Albania  
8.7/10  
The Effect of Nutritive Base Elements N.P.K in Physiological Parameters of Tomato  
Ass. Prof. Dr. Astrit Balliu  
10/10  
Bachelor of Science in Agricultural Engineer

PUBLICATIONS

Hodaj E., Tsiftoglou O., Lazari D., **Mamoci E.** and Hadjipavlou-Litina D. (2015). Antioxidant Activity and Composition of Essential Oils of Five Aromatic and Medicinal plants from Albania. *Journal of Hygienic Engineering and Design*, 13:28-34.

Neza E., Centini M. and **Mamoci E.** (2015). Antimicrobial activity and chemical composition of Albanian oregano. *Albanian Journal of Agricultural Sciences*, 14 (4): 326-331.

Neza E., Centini M., **Mamoci E.** and Orčić D. (2015). Composition in phenolic compounds of elderflower from Albania: antioxidant and antimicrobial activity. *International Journal of Pharmacognosy and Phytochemistry*, 1375-1379.

Hasalliu R. and **Mamoci E.** (2015). Influence of Starter Culture on the Growth of *Staphylococcus aureus* during the Ripening of an Artisanal Cheese Made in Albania. *Journal of Environmental Protection and Ecology*, 16 (2). 594-600. [2014]= 0.838].

**Mamoci E.**, Hasalliu R., Hodaj E. and Kapidani M. (2014). Effect of essential oils on *Penicillium digitatum* growth. *Albanian Journal of Agricultural Sciences*, 13 (1): 1-6.

**Mamoci E.**, Cavoski I., Andres M.F; Díaz C.E. and Gonzalez-Coloma A. (2012). Chemical Characterization of the Aphid Antifeedant Extracts from *Dittrichia viscosa* and *Ferula communis*. *Biochemical Systematics and Ecology*, 43: 101-107 [IF: 1.110].

**Mamoci E.**, Cavoski I., Simeone V., Mondelli D., Al-Bitar L. and Caboni P. (2011). Chemical Composition and *In Vitro* Activity of Plant Extracts from *Ferula communis* and *Dittrichia viscosa* Against Postharvest Fungi. *Molecules*, 16: 2609-2625 [IF: 2.386].

## CONFERENCES

Pertot I., Angeli D., **Mamoci E.**, Simeone V and Elad Y (2009). Adapting microbial biocontrol of plant disease for a changing climate: Effect of increased temperature *IOP Conference Series: Earth and Environment Science* 6 372036 (1pp) doi: [10.1088/1755-1307/6/37/372036](https://doi.org/10.1088/1755-1307/6/37/372036).

Hodaj E., Tsiftoglou O., Lazari D., **Mamoci E.**, Hadjipavlou-Litina D. (2015). Antioxidant Activity and Composition of Essential Oils of Five Aromatic and Medicinal plants from Albania. Conference On: "*NUTRICON, Food Quality and Safety, Health and Nutrition*". (19-20 November, 2015, Skopje, Macedonia). Book of Abstract. pp. 71-72.

**Mamoci E.**, Hodaj E. And Hasalliu R. (2014). Chemical composition and antifungal activity of essential oils from Albanian medicinal plants. 8<sup>th</sup> Conference on *Medicinal and Aromatic Plants of Southeast European Countries* (19-22 May 2014, Durres, Albania), pp. 201-207.

**Mamoci E.**, Cavoski I., Andres M.F, Díaz C.E. and Gonzalez-Coloma A. (2014). Insecticidal and nematocidal activity of Mediterranean plant extracts. 8<sup>th</sup> Conference on *Medicinal and Aromatic Plants of Southeast European Countries* (19-22 May, 2014, Durres, Albania), pp. 173.

**Mamoci E.**, Hasalliu R., Hodaj E. and Mamoci D. (2014). Antifungal activity of essential oils from albanian medicinal plants. 1<sup>st</sup> International Conference "*Biotechnology in Agriculture*", (22-23 April 2014, Tirane, Albania), pp. 70.

Hasanlliu R., Beli E., Nikleka E, **Mamoci E.** and Terpollari J. (2012). Microbiological control of minced meat for total aerobic mesophilic bacteria and coliforms in some stores in Tirana. 9<sup>th</sup> International Conference "Standardization, Prototypes and Quality: A means of Balkan Countries Collaboration. (5-6 October 2012,, Tirana, Albania). pp. 520-532.

**Mamoci E.**, Cavoski I., Andres M.F; Díaz C.E., Hasalliu R and Gonzalez-Coloma A. (2012). Isolation of aphid antifeedant compounds from Mediterranean plants. Natural products and biocontrol Congress, (19-21 September 2012, Perpignan, France) pp. 72.

**Mamoci E.**, Cavoski I., Simeone V., Mondelli D. and Al-Bitar L. (2010). The use of plant extracts from *Ferula communis* and *Dittrichia viscosa* against phytopathogenic fungi. Pesticides 2010, 6<sup>th</sup> European Conference on Pesticides and Related Organic Micropollutants in the Environment. 12<sup>th</sup> Symposium on Chemistry and Fate of Modern Pesticides. (5-10 September 2010, Matera, Italy) pp. 326-329.

**Mamoci E.**, Cavoski I., Simeone V., Mondelli D. and Al-Bitar L. (2010). Effect of *Ferula communis* and *Dittrichia viscosa* plant extracts on post-harvest fungi: *in vitro* screening. 28<sup>th</sup> International Horticultural Congress. Science and Horticulture for People (ISHS). (22-27 August 2010, Lisboa, Portugal) Abstract No. S02.376, pp.123-124.

**Mamoci E.**, Cavoski I., Simeone V., Mondelli D and Al-Bitar L. (2009). *In vitro* screening of Mediterranean plant extracts against post-harvest fungi. 15<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region with focus on Environmental Threats in the Mediterranean Region: Problems and Solutions. (7-11 October 2009, Bari, Italy) pp.302.

**Mamoci E.**, Simeone V., Cavoski I., Mondelli D., Al-Bitar L and Miano T. (2008). The use of plant extracts from *Foeniculum vulgare*, *Ferula communis* and *Inula viscosa* against phytopathogenic fungi. Il Congresso Nazionale "Qualità del Suolo, Alimenti e Salute", (22-24 October 2008 Bari, Italy) pp.63.

## TRAINING & SEMINARS

### • From January 2010 to July 2010

#### Main activities and responsibilities

Grupo de Control Integrado de Plagas y Enfermedades, Resistencia Vegetal y Bioplaguicidas, Instituto de Ciencias Agrarias, Centro de Ciencias Medioambientales-CSIC, C/Serrano, 115- dpdo 28006 Madrid, Spain

Bioassays under in vitro conditions testing the activity of crude plant extract and natural compounds on plant pathogenic insects, nematode and allelopathic effect. Separation, purification and identification of compounds using chromatographic and spectroscopic techniques such as Thin Layer Chromatography (TLC), Vacuum Liquid Chromatography (VLC), Flash Column Chromatography (FCC), High-Performance Liquid Chromatography (HPLC), Gas Chromatography-Mass Spectrometry (GC-MS) and proton and carbon Nuclear Magnetic Resonance (NMR)

### • From March 2009 to August 2009

#### Main activities and responsibilities

Department of Plant Protection and Applied Microbiology-Faculty of Agriculture-University of Bari, via G. Amendola, 165/A; 70126 Bari, Italy

Isolation and identification post-harvest fungal pathogens, techniques concerning application of plant extracts, artificial inoculation of fungal inocula, evaluation of disease index and statistical analysis

MC meeting, WG Meeting & Valorisation of Dairy Waste Workshop” COST Action TD1203 “Food waste valorisation for sustainable chemicals, materials and fuels (EUBis)” From 10 March to 11 March 2015, Semmering, Austria.

Advanced Course in “ Predictive Microbiology”.From 09 February to 13 February 2015, Mediterranean Agronomic Institute of Zaragoza (IAMZ), Zaragoza, Spain.

Citrus Processing Waste Valorisation. COST Action TD1203 “Food waste valorisation for sustainable chemicals, materials and fuels (EUBis)” From 07 January to 09 January, 2015, Mersin University, Mersin, Turkey.

An old science for young scientist, New goals on environmental science “Building the European team for the future legal framework”. International summer school (Gruppo Ricerca Italiano Fitofarmaco Ambiente (GRIFA)) from 31 May to 4 June 2009, Cagliari, Italy

Disease, pest and weed management: Biopesticide, mode of action persistence and metabolism (Prof. Pierluigi Caboni, Cagliari University) April 27<sup>th</sup> 2009, Mediterranean Agronomic Institute of Bari, Bari, Italy

Life cycle assessment for sustainable development and industrial production at local and regional levels (Prof. Hans Schitzer Graz University of Technology, Austria). From 5 May to 9 May 2008, Parthenope University of Naples, Napoli, Italy

Tecniche analitiche nei settori ambientali e alimentare (Shimadzu). 24<sup>th</sup> June 2008, Facoltà di Scienze Università degli Studi di Bari, Bari

Chemical and Biological Approaches for Exploiting the Role of Natural Products; General Features and Biotechnological Applications of Polysaccharides; Soil Biodiversity, Indicators, Biomonitoring; Soil Quality and Soil Microbial Ecology. From 14-18 July 2008, Mediterranean Agronomic Institute of Bari, Bari, Italy

Management of Natural Resources (water, soil and biodiversity) in Mediterranean Area; Land Degradation Analysis with special emphasis in the Mediterranean Region; Overview on compost, mechanical biological treatment and anaerobic digestion in Italy and Europe; Environmental and natural resources relationship From 22-26 September 2008, Mediterranean Agronomic Institute of Bari, Bari, Italy

Life Cycle Analysis. From 1-5 December 2008, Parthenope University of Naples,

Naples, Italy

Soil fertility management: Microbiology of compost. (Prof. Herbert Insam, Innsbruck University, Austria). 17<sup>th</sup> December 2008, Mediterranean Agronomic Institute of Bari, Bari, Italy

## CAPACITIES AND PERSONAL SKILLS

MOTHER TONGUE

**ALBANIAN**

OTHER LANGUAGES

Understanding

**ENGLISH**

**ITALIAN**

**SPANISH**

Fluent

Fluent

Good

Writing

Fluent

Very good

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Speaking

Fluent

Fluent

Good

TECHNICAL SKILLS

Ability to use Office programs and good competence in using computer. Statistical programs STATICTICA V6 and SAS V8. Skills in using laboratory tools

LICENCES

Driving licence, category B