

Maria Feka
Thoraka 15, Larissa
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Education

Oct 2012–Nov 2017

School of Agricultural Sciences of University of Thessaly, Volos (Greece)

Thesis title: "Antifungal potential of the epicuticular exudate of *Dittrichia viscosa* tested *in vitro* and *in planta*".

Supervisor: Levizou Efi, Assistant Professor, Laboratory of Plant Physiology, School of Agricultural Sciences of University of Thessaly

Research experience

Lab work

- March 2015- November 2017, Laboratory of Plant Physiology, School of Agricultural Sciences of University of Thessaly

Supervisor: Efi Levizou

Activities: Thesis experiments, expertise in biochemical protocols (extraction of botanical exudate from plants)

- March 2015-February 2017, Laboratory of Plant Pathology, School of Agricultural Sciences of University of Thessaly

Supervisor: Evangelos Vellios

Activities: Thesis experiments, expertise in fungal biology and mycology techniques: isolation and diagnostics.

- December 2017, Laboratory of Pesticide Science, Agricultural University of Athens

Supervisor: Konstantinos Aliferis

Activities: Phytotoxicity tests on the model plant *Lemna minor*, basic metabolomics.

Conferences

Presentation

- Feka M., Kalampokis I. F., Aliferis K. A., Levizou E. (2018). The *Dittrichia viscosa* epicuticular material as protective agent against *Botrytis cinerae*. The investigation of the Mode of Action using metabolomics analysis. *19th Conference of the Hellenic Phytopathological Society*

- Feka M., Vellios E., Levizou E. (2017). The epicuticular exudate of *Dittrichia viscosa* against *Penicillium digitatum* from orange, which causes citrus green mold, tested in vitro and in vivo. *28th Conference of the Hellenic scientific society of vegetables and fruits*
- Feka M., Vellios E., Levizou E. (2017). Antifungal potential of the epicuticular exudate of *Dittrichia viscosa* tested in vitro. *7th conference of the Hellenic Initiative Mikrobiokosmos*

Attendance

- 8th Congress of the Scientific Society MikroBioKosmos, (2019)
- 17th Congress of the Hellenic Phytopathological Society, (2014)
- 1st Balkan Conference about *Stevia rebaudiana* of Institute of Pelion, (2014)

Seminars attended

- “The cultivation of pharmaceuticals and aromatic plants”,(2015). *University of Thessaly*
- “The cultivation of *Stevia rebaudiana*”, (2013). *Institute of Pelion*
- “The biological olive cultivation”, (2013). *Institute of Pelion*
- “Innovative fruit trees”, (2012). *University of Thessaly*
- “Hellenic apiculture”, (2012). *University of Thessaly*

WORK EXPERIENCE

1 July 2015–31 August 2015 Agriculturist Internship

Apostolou-Hydroponic cultivation, Lamia (Greece)

- Contributing to the production of nutrient solutions
- Helping my Agriculturist supervisor in monitoring pests and diseases
- Participating in harvest, packing and shipping of products in the markets

10 October 2014–28 November 2017 Special Need Volunteer Tutor

Accessibility center for students with disabilities at the University of Thessaly, Volos (Greece)

- Tutoring student with disabilities
- Informing and supporting student with disabilities in order to enhance his access and inclusion at the University of Thessaly

3 April 2014–20 November 2017 Tutor

Volos (Greece)

- Conduct one-on-one tutoring sessions for university students in chemistry and biology

Languages

- Greek native speaker
- English fluent (IELTS)
- French beginner

Digital skills

- Statistical/Data analysis; SPSS, EXCEL
- Mathematical software; MATLAB, MATHEMATICA
- MS Office

Skills

- Public speaking
- Excellent presentation skills
- Very good in organizing and managing group activities such as laboratory/courses projects
- Cooperative
- Hard working
- Motivated
- Responsible
- Self-disciplined person due to lab experience

References

- Kalliope Papadopoulou (Plant Biotechnology, kalpapad@bio.uth.gr)
- Efi Levizou (Plant Physiology, elevizou@uth.gr)
- Nikolaos Papadopoulos (Applied Entomology, nikopap@uth.gr)
- Anestis Karkanis (Weed Science, akarkanis@uth.gr)
- Evagelos Vellios (Plant Pathology, evellios@agr.uth.gr)