

PERSONAL INFORMATION **Stavroula Mamoucha**

WORK EXPERIENCE

- February 2004-September 2015 **Molecular biology**
SISMANOGLIO HOSPITAL (Greece)
- September 2015- Present **clinical assessor**
Greek National Organization for Medicines (Greece)

EDUCATION AND TRAINING

- January 1998-May 2001 **biotechnology**
university larissa (Greece)
- September 2006-May 2010 **biologist**
National and Kapodistrian University of Athens (Greece)
- September 2004-May 2006 **Public Health and infectious diseases**
National School of Public Health (Greece)
- September 2007-June 2010 **Microbial Biotechnology**
National and Kapodistrian University of Athens (Greece)
- September 2012-December 2016 **Plant anatomy, phytochemical profile and bioactive compounds**
National and Kapodistrian University of Athens (Greece)

ADDITIONAL INFORMATION

Expertise medicinal plants, abiotic/biotic stress, plant anatomy, bioactive compounds with antimicrobial action

- Publications**
1. Stavroula Mamoucha, Nikolaos Tsafantakis, Nikolas Fokialakis & Nikolaos S. Christodoulakis (2018): A two-season impact study on *Globularia alypum*: adaptive leaf structures and secondary metabolite variations, *Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology*, DOI: 10.1080/11263504.2017.1418449
 2. Mamoucha S., Tsafantakis N., Fokialakis N., Christodoulakis N. S. (2016) Structural and phytochemical investigation of the leaves of *Ricinus communis*. *Australian Journal of Botany*<http://dx.doi.org/10.1071/BT16184>
 3. Christodoulakis NS, Mamoucha S, Termentzi A, Fokialakis N: Leaf structure and histochemistry of the hardy evergreen *Euphorbia characias* (Mediterranean spurge). *Flora*, 2015, 210; 1318.
 4. Mamoucha S, Fokialakis N, Christodoulakis NS.: Leaf structure and histochemistry of *Ficus carica* L. the cultivated since ancient times fig tree. *Flora*, 2016, 218; 111.

5. Mamoucha S, Rahul J: Mediterranean climate affects the biosynthesis of secondary metabolites in common medicinal plants. *International Journal of Botany and Research*, 2016, 6: 2277-4815. The paper was selected for the Best Paper Award in recognition of the research paper quality, originality and significance in modeling and technical flow.
6. Mamoucha S, Christodoulakis NS: Leaf Tissue Arrangement, Preliminary Phytochemical Investigation and Callus Induction from the Medicinal Hemi-parasite *Osyris alba* L. *International Journal of Pharmacognosy and Phytochemical Research*, 2016, 8; 1437-1443.
7. S. Mamoucha and A. Prombona (2017) Antimicrobial activity of essential oils from aromatic and medicinal plants *Acta Microbiologica Hellenica*, 62 (4):33-40

Projects Antimicrobial activity of essential oils from aromatic and medicinal plants

Memberships

Other Relevant Information

1. S. Mamoucha and N. Christodoulakis Anatomical and Histochemical Investigation of the Leaf of *Vitex agnus-castus* L. *International Conference on Natural Products*, Paris July 2016.
2. S. Mamoucha, N. Tsafantakis, A. L. Skaltsounis, N. Christodoulakis and N. Fokialakis A two-season impact study on *Globularia alypum*: adaptive leaf structures and metabolic variations. *International Conference GA*, Boudapest August 2016
3. S. Mamoucha, N. Tsafantakis, N. Fokialakis, N.S. Christodoulakis Investigations On The Most Poisonous Plant Of The World: Leaf Structure, Histochemistry And Bioactive Ingredients Of *Ricinus communis* L. (Euphorbiaceae) 2015 1st International Congress of Controlled Release Society, Small Molecules (Original-Generics) and Biotechnological Drugs (Biosimilars) 27-28 May 2015 Athens, Greece
4. S. Mamoucha, K. Kotsironi, N.S. Christodoulakis Greek Plants: Anatomy And Subcellular Localization Of Bioactive Molecules Small Molecules (Original-Generics) and Biotechnological Drugs (Biosimilars) 27-28 May 2015 Athens, Greece
5. S. Mamoucha, N.S. Christodoulakis, 2015. Leaf anatomical and biochemical traits of *Anthyllis hermanniae* L., in response to abiotic stress. «*Plant Biology Scandinavia 2015 -the 26th Congress of the Scandinavian Plant Physiology Society*»
6. S. Mamoucha, N.S. Christodoulakis, 2015. Leaf anatomical and biochemical traits of *Phillyrea latifolia* L. (Oleaceae), in response to abiotic stress «*Plant Biology Scandinavia 2015 -the 26th Congress of the Scandinavian Plant Physiology Society*»
7. S. Mamoucha, N. Tsafantakis, T. Ioannidis, S. Chatzipanagiotou, C. Nikolaou, L. Skaltsounis, N. Fokialakis and N. Christodoulakis Leaf Structure, Metabolic Profiling And Evaluation Of The Antimicrobial Activity Of Six Mediterranean Medicinal Plants *International Conference GA*, Boudapest August 2015
8. Stavroula Mamoucha, Nikolaos S. Christodoulakis Leaf structure and histochemistry of *Globularia alypum* L. (Globulariaceae), a phrygic species used in various remedies (ID 58) 2nd International Multidisciplinary Microscopy Congress (InterM2014) October 16-19, 2014 in Oludeniz, Fethiye/ Mugla -Turkey.
9. Stavroula Mamoucha, Nikolaos S. Christodoulakis. (P46) -(Biotechnology application in Medicine). Antimicrobial Compounds from plants -Biotechnology application in Medicine. Literature Review. RBSC 2013. Regional European Biomedical Laboratory Science Congress and the 4th Greek Medical Laboratory Technologists Conference. *Technical Advances and Current Science*. 57 December 2013, Athens, Greece
10. Stavroula Mamoucha, Nikolaos S. Christodoulakis. (P46) -(Biotechnology application in Medicine). Antimicrobial Compounds from plants -Biotechnology application in Medicine. Literature Review. RBSC 2013. Regional European Biomedical Laboratory Science Congress and the 4th Greek Medical Laboratory Technologists Conference. *Technical Advances and Current Science*. 57 December 2013, Athens, Greece
11. Delliou A.-A., Mamouha S., Savvidis A, Fakiri E., Karagouni A.D. Bioactivity of Streptomycetes strains isolated from specific Greek ecosystems against clinical bacterial strains (2011). 11th Conference of Bacterial Genetics and Ecology BAGECO 2011

12. S. Mamoucha, N.Tsafantakis, T. Ioannidis, S. Chatzipanagiotou, C. Nikolaou, L. Skaltsounis, N. Fokialakis and N. Christodoulakis Phytochemical Investigation, Leaf Structure and Antimicrobial Screening of Pistacia lentiscus Against Multi-drug Resistant Bacteria ICPES 2016: 18th International Conference on Plant and Environment Sciences.
13. S. Mamoucha, N.Tsafantakis, T. Ioannidis, S. Chatzipanagiotou, C. Nikolaou, L. Skaltsounis, N. Fokialakis and N. Christodoulakis Effects Of Abiotic Stress On The Phytochemical Content And Bioactivity Of Pistacia Lentiscus L. ICPES 2016: 18th International Conference on Plant and Environment Sciences.
14. S. Mamoucha, A. Ioannidis, S. Chatzipanagiotou, C. Nikolaou, N.S. Christodoulakis Leaf Structure, Histochemistry And Screening For Bioactive Metabolites Of Globularia alypum L. (Globulariaceae) 2015 1st International Congress of Controlled Release Society, Small Molecules (Original-Generics) and Biotechnological Drugs (Biosimilars) 27-28 May 2015 Athens, Greece
15. S. Mamoucha, A. Termentzi, N. Fokialakis, L. Skaltsounis, N.S. Christodoulakis Bioactive Small Molecules Of Pistacia Lentiscus L. (Mastic Tree): Leaf Structure, Histochemistry And Phytochemical Investigation 2015 1st International Congress of Controlled Release Society, Small Molecules (Original-Generics) and Biotechnological Drugs (Biosimilars) 27-28 May 2015 Athens, Greece