

PERSONAL INFORMATION

Dr. John Pouris
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Married, father of two children
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EDUCATION

- **2024** PhD Thesis “Ecophysiological characteristics and water relations of geophytes”, Department of Botany, Faculty of Biology, National and Kapodistrian University of Athens.
- **2011** Master degree (MSc) “Teaching of Biology”, Faculty of Biology, National and Kapodistrian University of Athens.
- **2008** First degree in Biology. Faculty of Biology, National and Kapodistrian University of Athens.

WORK EXPERIENCE

- **2023 – 2025** Adjunct professor at the University of Western Attica.
- **2008 – 2022** Secondary education Teacher. Greek Ministry of Education, Religion and Athletics
- **2015 – 2022** Laboratory assistant at the laboratory of "Parasitology-Mycology". University of West Attica.
- **2012 – 2019** Participation as auxiliary staff in the practicals of "Plant Physiology" and "Ecophysiology". Faculty of Biology. National and Kapodistrian University of Athens.
- **1999** Workshop in the fish farming sector in the framework of the European Union subsidized program. Faculty of Biology. University of Crete.

TRAINING

- **2016** Training in the program "Lost time in science and the arts" organized by the Department of Cultural Affairs of the Athens Directorate of Administration (Secondary Education) in collaboration with the Institute of Historical Research of the National Hellenic Research Foundation, in Athens Secondary Education.
- **2011** Training in the program “Teaching and educating in intercultural school”, which took place at the intercultural gymnasium of Athens.
- **2011** Participation in the teachers' educational workshop on "Enhancing Prevention in the School Community", held in Athens by KETHEA and the Health Education Office of the Athens Secondary School of Secondary Education.
- **2009** Participation in the annual seminar on intercultural education of the Department of Pedagogy and Primary Education of the University of Patras (duration: 350 hours).

- **1997** Graduate of the Secondary Education of Aliveri, Euboea island, grade 19.1/20 (excellent). Aliveri (Greece).

PUBLICATIONS

- **Pouris, J., & Rhizopoulou, S. (2025).** Metabolic and Stomatal Traits of *Pancratium maritimum* L.(Sand Daffodil) Subjected to Induced Salinity. *Stresses*, 5(1), 14.
- **Pouris, J., Konstantinidis, K., Pyrri, I., Papageorgiou, E. G., & Voyiatzaki, C. (2025).** FungID: Innovative Fungi Identification Method with Chromogenic Profiling of Colony Color Patterns. *Pathogens*, 14(3), 242.
- Rhizopoulou S, **Pouris J.** Retrospective Approach to the Endemic *Dianthus fruticosus* L. ssp. *fruticosus* on Serifos Island (Cyclades, Greece). *Plants*. 2024; 13(21):3002. <https://doi.org/10.3390/plants13213002>
- **Pouris, J., Kolyva, F., Bratakou, S., Vogiatzi, C. A., Chaniotis, D., & Beloukas, A. (2024).** The Role of Fungi in Food Production and Processing. *Applied Sciences*, 14(12), 5046. doi.org/10.3390/app14125046
- **Pouris, J., Tampiziva, E., Rhizopoulou, S. (2023).** “Unraveling seasonal allocation of soluble sugars, starch and proline in *Sternbergia lutea*”. *Plants*, 12(17), 3043. <https://doi.org/10.3390/plants12173043>
- **Pouris, J., Kapnopoulou, K., Papadopoulou, S., & Pyrri, I. (2023).** “Studying free proline and soluble sugars accumulation in the fungus *Aspergillus creber* exposed to salt stress”. *Journal of Biomedical Research & Environmental Sciences*, 4(3), 440-445. <https://www.jelsciences.com/articles/jbres1693.pdf>
- Saridis P., Georgiadou X., Shtein I., **Pouris J.**, Panteris E., Rhizopoulou S., Constantinidis T., Giannoutsou E. Adamakis, I. D. S. (2022). “Stomata in close contact: The case of *Pancratium maritimum* L. (Amaryllidaceae)”. *Plants*, 11(23), 3377. <https://doi.org/10.3390/plants11233377>
- Voyiatzaki, C., Papailia, S. I., Venetikou, M. S., **Pouris, J.**, Tsoumani, M. E., & Papageorgiou, E. G. (2022). “Climate changes exacerbate the spread of *Ixodes ricinus* and the occurrence of Lyme Borreliosis and Tick-Borne Encephalitis in Europe—How climate models are used as a risk assessment approach for Tick-Borne diseases”. *International Journal of Environmental Research and Public Health*, 19(11), 6516. <https://doi.org/10.3390/ijerph19116516>
- **Pouris, J., Levizou, E., Karatassiou, M., Meletiou-Christou, M. S., & Rhizopoulou, S. (2022).** “The influence of the partitioning of sugars, starch, and free proline in various organs of *Cyclamen graecum* on the biology of the species and its resistance to abiotic stressors”. *Plants*, 11(9), 1254. <https://doi.org/10.3390/plants11091254>
- **Pouris, J., & Stylianou, F. (2021).** “Dioscorides' investigations on pharmacological properties of *Pistacia lentiscus* L. and *Marrubium Vulgare* L.: two plants with timeless medicinal use”. *Herbal Medicines Journal*, 6(4), 158-163. <https://doi.org/10.22087/hmj.v6i4.850>

- **Pouris, J.**, Meletiou-Christou, M. S., Chimona, C., & Rhizopoulou, S. (2020). “Seasonal functional partitioning of carbohydrates and proline among plant parts of the sand daffodil”. *Agronomy*, 10(4), 539. <https://doi.org/10.3390/agronomy10040539>
- **Pouris, J.**, & Rhizopoulou, S. (2018). “On *Pancratium maritimum* (sea daffodil, sea lily, sand lily)”. *Horticulture. International. Journal*, 2 (5): 116–118.

CONFERENCES

- 2024 Pouris J, Georghiou K, Rhizopoulou S. “Physiological and morphological responses of *Pancratium maritimum* L. to salinity stress: Impact on the accumulation of soluble sugars, starch and proline, as well as stomatal density and distribution”. Proceedings of the 18th Conference of the Hellenic Botanical Society, p. 87, 2-5 October. Thessaloniki. Greece.
- 2022 Participation in the workshop of the CIVIS (Europe's Civic University Alliance, <https://civis.eu/en>). Cooperative actions of CIVIS and its African partner universities project entitled “Towards a sustainable agriculture in a warmer climate: An integrated approach”, 27-29 September. Sfax, Tunisia
- 2022 **Pouris J.**, Rhizopoulou S. “Partitioning of free proline in organs of four Mediterranean geophytes within the context of the seasonality”. 8th Balkan Botany Conference, 4-8 July. Athens, Greece
- 2022 Saridis P., Georgiadou X., Shtein I., **Pouris J.**, Panteris E., Rhizopoulou S., Constantinidis Th., Giannoutsou E., Adamakis I. D. S. “Stomata in contact: a special feature of the stomata structure in the Amaryllidaceae family”. 8th Balkan Botany Conference, 4-8 July. Athens, Greece
- 2020 **Pouris J.**, Rhizopoulou S. “Seasonal carbohydrate and proline allocation patterns in *Cyclamen graecum* Link.” 1st International Electronic Conference on Plant Science, MDPI, 1-15 December. Basel, Switzerland.
- 2019 **Pouris J.**, Rhizopoulou S. “Study of ecophysiological characteristics in *Pancratium maritimum* L. under induced salinity”. Proceedings of the 16th Conference of the Hellenic Botanical Society, 10-13 October. Athens, Greece.
- 2017 **Pouris J.**, Rhizopoulou S. “Accumulation of proline, starch and total sugars in the geophytes *Cyclamen graecum*, *Iris germanica* and *Pancratium maritimum*”. Proceedings of the 15th Conference of the Hellenic Botanical Society, p. 116, 14-17 September. Chania, Greece.
- 2015 **Pouris J.**, Rhizopoulou S. “Study of proline and total sugar content in *Cyclamen graecum* Link.”. Proceedings of the 14th Conference of the Hellenic Botanical Society, p. 54, 8-11 October. Patras, Greece.

- 2013 **Pouris J.**, Rhizopoulou S. “Determination of proline and soluble sugars in tissues of *Panocratium maritimum* L.”. Proceedings of the 13th Conference of the Hellenic Botanical Society, p. 125, 3-6 October. Thessaloniki. Greece.

PERSONAL SKILLS

Mother tongue(s): Greek

Languages: English (C1), French (A1)

Digital Skills: INFOCERT BASIC USER

COMMUNICATION SKILLS

Very good communication skills acquired:

- via experience as a teacher and research assistant at Secondary and Higher public education
- from participation in the Public Audit Board of Public Broadcasting (ERT) during the year 2015-2018

ORGANISATIONAL / MANAGERIAL SKILLS

Managerial skills acquired as:

- Member of the Board of Directors of the local community of Agios Vlasios of the Municipality of Kymi-Aliveri, Euboea (Evia) island, Greece
- 2025 Member of the Hellenic Botanical Society (EBE)
- 2025 Member of the Scientific Advisory Board of the Institute for Documentation, Information and Cancer Research of G.N. Papanikolaou

SUPERVISION OF BACHELOR / DIPLOMA THESES

Supervisor of 8 Bachelor Diploma Theses from 2016 to 2021 at the University of West Attica (UNIWA).

- 2025 – Sonia Mekollari. Production of metabolic products by fungi of the genus *Aspergillus* under temperature stress.
- 2025 – Chrysovalanto Vogiatzis. Evaluation of the antifungal properties of plant extracts against medically significant fungi.
- 2021 – Konstantina Knpopoulou. The role of *Malassezia* fungi in the pathobiology of seborrheic dermatitis.
- 2020 – Anna Daskalaki. Epidemiology, diagnostic techniques, and treatment of Aspergillosis.
- 2019 – Alkis Filiopoulos. Epidemiological approach to *Aspergillus* fungi in immunocompromised patients.
- 2017 – Konstantina Patsiarika . Invasive fungal infections: recent developments.

- 2017 – Kassandra Tsodoulou. Types of vaginitis.
- 2016 – Vasiliki Koulieri. Fungal skin diseases.

Innovations

- Development for the first time of an innovative tool (FungID) for fungal identification based on color pattern recognition, using neural networks and machine learning techniques. Our work was published in a reputable scientific journal, and the corresponding tool is freely available via the GitHub platform (<https://github.com/konskons11/FungID>)