

**Personal Data:**

Full Name: Dimitra Tsakiri

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Short CV:

My undergraduate thesis was carried out under the supervision of Assistant Professor George Grammatikopoulos at the Laboratory of Plant Physiology (University of Patras), where we studied the effects of temperature and photoperiod on the photosynthetic apparatus of the green alga *Scenedesmus obliquus*. My postgraduate studies in University of Crete were focused on Plant Molecular Biology and Biotechnology and I did my Master thesis in the Plant Biotechnology and Microbiology lab, under the supervision of Associate Professor Panagiotis Sarris (SarrisLab, IMBB-FORTH & UoC). During my MSc thesis I screened for putative subcellular targets of *Ralstonia solanacearum* core type III effectors. I am currently doing my PhD in SarrisLab, evaluating the results of my MSc thesis *in planta* and investigating the molecular mechanism by which a particular *R. solanacearum* type III effector subverts plant immunity via targeting several plant proteins.

Education:January 2020-present:

PhD thesis: Plant Biotechnology and Microbiology Lab, IMBB-FORTH

October 2017 – 2019:

MSc Plant Molecular Biology & Biotechnology, University of Crete

Master Thesis: Plant Biotechnology and Microbiology Lab, IMBB-FORTH

October 2012 – July 2017:

BSc Biology, University of Patras

Undergraduate Thesis: Plant Physiology Lab, University of Patras

Publications:

Sertedakis M.*, Kotsaridis K.*, Tsakiri D.*, Mermigka G., Dominguez-Ferreras A., Ntoukakis V and Sarris P.F. (2021) Expression of putative effectors of different *Xylella fastidiosa* strains triggers cell death- like responses in various *Nicotiana* model plants." *Molecular Plant Pathology*, 00, 1– 9. (* co-first authorship).

Zerveas S., Mente M. S., Tsakiri D., Kotsabasis K. (2021) Microalgal photosynthesis induces alkalization of aquatic environment as a result of H⁺ uptake independently from CO₂ concentration – New perspectives for environmental applications. *Journal of environmental management*, 289, 112546.