

Curriculum vitae

Olga Tsiouri



| Personal information

Date of birth: 10 February 1996

Location: Larissa, Greece.

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| Education

**March 2021-
onwards**

PhD candidate

Plant and Environmental Biotechnology Laboratory | Department of Biochemistry and Biotechnology | University of Thessaly

-PhD Thesis:

“Comparative and functional genomics of plant-endophytic fungi interactions”. This research work is supported by the **Hellenic Foundation for Research and Innovation (HFRI)** under the 3rd Call for HFRI PhD Fellowships (Fellowship Number:6236)

**September 2019 -
February 2021**

Master of Science

“Applied Molecular Biology-Molecular genetics -Diagnostic Indicators”
Department of Biochemistry and Biotechnology | University of Thessaly
(Grade: 7.91/10)

-MSc Thesis:

“Fungal comparative genomics: The case of *Fusarium solani* strain K” supervised by Professor K. Papadopoulou in the Plant and Environmental Biotechnology Laboratory at the Department of Biochemistry and Biotechnology of the University of Thessaly

**September 2014 –
July 2019**

Bachelor of Science

Department of Biochemistry and Biotechnology | University of Thessaly
(Grade: 7.22/10)

-BSc Thesis: “Identification of regulatory elements of *LSK1* gene in *Lotus japonicus*.” supervised by Professor K. Papadopoulou in the Plant and Environmental Biotechnology Laboratory at the Department of Biochemistry and Biotechnology of the University of Thessaly

| Publications

Dalakouras, A., Katsaouni, A., Avramidou, M., Dadami, E., **Tsiouri, O.**, Vasileiadis, S., Makris, A., Georgopoulou, M., E., Papadopoulou, K. K. (2023). A beneficial fungal root endophyte triggers systemic RNA silencing and DNA methylation of a host reporter gene. *RNA Biology*, 20(1), 20–30. doi: 10.1080/15476286.2022.2159158

| Work history

July - September 2017 Diagnostic center Bioanalysis in Larissa: Biochemical analysis of blood and urine samples- genotyping of individuals to identify heterozygous carriers of hereditary diseases like cystic fibrosis and Mediterranean anaemia.

| Seminar Participation & Attendance

- Attendance of the **17th Solanaceae 2022** conference(1-5 November, Thessaloniki, Greece)
- Participation in the **5th iPLANTA Conference**. Conference paper: Dalakouras A., Dadami E., Vasileiadis S., Tsiouri O., Papadopoulou K.: **Characterization of the RNAi machinery of the beneficial endophyte *Fusarium solani* strain K.**
- Attendance of the **E-Learning Seminar of the Bionformatic Analysis Platform for Synthetic Biology** from the National Infrastructure in Synthetic Biology "OMIC-ENGINE" (9-12 December 2019)
- Attendance of the **69th Panhellenic Conference in Biochemistry & Molecular Biology** (23-25 November 2018, Larissa, Greece).

| Technical Skills

- Good knowledge of **R** (data manipulation, basic and interactive plots, **vcf parsing, differential expression analysis**)
- Good knowledge of **bash** commands, the ubuntu operating system and the conda environment
- Good knowledge of **python** (biopython data structures, design of **command line** and **GUI** programs)
- Little knowledge of **Julia (biojulia, data visualization, command-line programs)**
- Basic **molecular biology** techniques
- Good knowledge of vector graphics creation and modification using **Adobe illustrator**

| Volunteering

- **Advisor in the iGEM Thessaly 2021 Team (January 2021 – November 2021)**
Assistance in the development of the model and app needed for the team's project. The team has won a gold medal and was nominated in the best food and nutrition sector of iGEM.
- **Ambassador in the iGEM Thessaly 2019 Team (November 2018- November 2019)**
Assistance in the development of the model needed for the team's project. The team has won the first prize in the Diagnostics section of iGEM.
- **Press office assistant in the Thessaly Science Festival (11- 13 October 2018, Larissa, Greece)**
Capturing the impact of the festival by collecting data from various media referring to the festival before, during and after the festival's duration.

| Language skills

English: Fluent (Michigan ECPE)

Greek: Mother tongue

| References

Professor Dr K. Papadopoulou (kalpapad@bio.uth.gr)

Assistant Professor Dr Sotirios Vasileiadis (sovasileiadis@uth.gr)