



Elpida Maragkozoglou

PhD student

Microbial Biotechnology

TECHNICAL SKILLS

Microbiology	Molecular Biology	Analytics	Informatics
<ul style="list-style-type: none">• Fermentations (batch, chemostats) of 500mL• Culture of aerobic and anaerobic strains (bacteria, archaea, yeasts)	<ul style="list-style-type: none">• Bacterial transformation (restriction enzyme digestion, DNA ligation)• RNA and DNA extraction• Enzyme production, purification, & characterisation	<ul style="list-style-type: none">• HPLC (HPAEC-PAD and others)• CPG• Micro GC System - GC• MALDI TOF• Ion-exchange chromatography	<ul style="list-style-type: none">• Basic use of SigmaPlot, SnapGene, PyMOL, and ImageJ• Knowledge of R• Knowledge of Microsoft Office package

WORK EXPERIENCE

Nov 2024 - present

IFP Energies nouvelles, Rueil-Malmaison

PhD Project: "Modélisation métabolique de *Clostridium acetobutylicum* pour la valorisation de la biomasse"

IFPEN, Department of Biotechnology

- PhD director: Prof. Philippe Soucaille
- IFPEN supervisors: Ph.D. WASELS Francois, Ph.D. DELAROUZEE Alexandre

Jan 2024 - Jul 2024

IFP Energies nouvelles, Rueil-Malmaison

MSc Internship: "Towards a better understanding of subsurface microbial hydrogenotrophic activities using synthetic consortia"

Funded by the EU Horizon TWINN2SET project led by FORTH/IG (Greece)

IFPEN, Department of Biotechnology

- IFPEN supervisor: Ph.D. POIRIER Simon
- FORTH/IG supervisors: Ph.D. Evina Gontikaki, Ph.D. Manos Stamatakis

Sept 2023 - Jan 2024

National and Kapodistrian University of Athens

MSc Thesis: "Study of the synergistic action of the cellulolytic enzymes of a genetic locus of the bacterium *Bacillus safensis*"

- 1st semester: National and Kapodistrian University of Athens, Biology Department, Group of Microbiology, supervisor Ph.D. Dimitris Hatzinikolaou
- 2nd semester: National Technical University of Athens, Laboratory of Biotechnology, supervisor Ph.D. Diomi Mamma

Sept 2019 - Jul 2020

National and Kapodistrian University of Athens

BSc Thesis: "Molecular characterization of strains of the species *Malassezia pachydermatis*"

- Medical School of National and Kapodistrian University of Athens, Laboratory of Microbiology, supervisor Ph.D. Aristeia Velegraki

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EDUCATION

BSc in Biology (4-year degree; 240 ECTS)

National and Kapodistrian University of Athens

2016 - 2021

Inter-Institutional Master's Program in Biotechnology (MSc; 2-year degree; 120 ECTS)

National and Kapodistrian University of Athens -National Hellenic Research Foundation (NHRF)

2021 - 2024

LANGUAGES

Greek English French

REFERENCES

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Ph.D. Diomi Mamma

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ADDITIONAL INFORMATION

Scientific communication

Experimental demonstrations

- Athens Science Festival, April 2017
- Open Day of UoA, Biology Department, November 2018, March 2019 & February 2020

Poster presentation

- 14th FORTH Retreat, October 2024