



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze e Politiche Ambientali**

Scientist- in - charge: Professor **Caterina La Porta**

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	NTOUROU*
Name	MARIANNA
*For research purposes	DOUROU

EDUCATION AND TRAINING

Degree	Course of studies	University	Year of achievement of the degree
Degree in Biology	Cell Biology (I, II) Molecular Biology (I, II) Biochemistry (I, II) Microbiology Zoology (I, II, III) Botanics (I, II) Physiology (I, II) Mathematics/Statistics	University of Patras, Patras, Greece	2015
PhD in Microbiology	-	University of Patras, Patras, Greece	2021
Master in "Biological Sciences: Research and Applications" → "Biological Technology"	Molecular Genetics and Applications Recent Topics in Molecular Biology Molecular Physiology and Neurobiology Recent Topics in Cell Biology Biochemistry of Oxidative stress Microbial Biotechnology	University of Patras, Patras, Greece	2017
Other			

FOREIGN LANGUAGES

Languages	Level of knowledge
English	C1
German	B2

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of Scholarship
09-10/2021	Program: "Non-conventional yeasts for the production of bioproducts - Yeast4Bio", European Cooperation in Science and Technology Action CA18229. University of Ljubljana, Biotechnical Faculty, Ljubljana, Slovenia.
2019-2021	Foundation of PhD thesis. "2 nd Call for Hellenic Foundation for Research and Innovation Scholarships to PhD Candidates". University of Patras, Patras, Greece.
02/2019	European Union's Horizon 2020 Research and Innovation Programme (grant agreement No



730984), 2nd call of Association of European Marine Biological Laboratories Expanded. Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR), Matosinhos, Portugal.

PROJECT ACTIVITY

Year	Project
09-10/2021	COST Action: CA18229. STSM title: "Screening of non-conventional yeasts growing on salty and/or alkaline wastes".
2019-2021	Regional Operational Programme of Western Greece. Project title: "Optimization of pomegranate tree cultivation in Achaia and development of innovative products".
2017-2020	European Union and Greek General Secretariat for Research and Technology. Project title: "Research infrastructure for waste valorization and sustainable management - INVALIDOR".
02/2019	European Union's Horizon 2020 research and innovation program, Grant Agreement No. 730984. Project title: "Incorporation of microalgae mass into the feed of sea bass fish - Nanno".
2016-2019	European Union and Greek General Secretariat for Research and Innovation ERA-NET "COFASP". Project title: "Marine algae as sustainable feed ingredients - improving their bioutilization to increase efficiency and quality of aquaculture production - MARINALGAE4aqua".
2012-2014	European Union and Greek General Secretariat for Research and Innovation. Project title: "Microbial conversions of agro-industrial residues into new biofuels and other biotechnological products".

CONGRESSES AND SEMINARS

Date	Title	Place
03-05/04/2015	6 th Annual Conference of the Greek National Initiative "Mikrobiokosmos": Mikrobiokosmos 2015	Athens, Greece
24/07/2015	3 rd Workshop Microbiology and Biotechnological Applications: Challenges and Opportunities III	Patras, Greece
07/04/2016	11 th Meeting of Master Student, Department of Biology	Patras, Greece
26-28/05/2016	38 th Annual Conference, Hellenic Society for Biological Sciences	Kavala, Greece
02-05/05/2017	44 th Annual Conference on Yeast	Smolenice, Slovakia
06-09/06/2017	13 th International Conference on Renewable Resources and Biorefineries	Wroclaw, Poland
05/10/2017	7 th Greek Lipid Forum	Thessaloniki, Greece
20-22/10/2017	5 th Panhellenic Conference on Green Chemistry & Sustainable Development	Patras, Greece
07/04/2018	13 th Meeting of Master Student, Department of Biology	Patras, Greece
24-25/09/2018	3 rd training school of the EUALGAE Action "Microalgal bioeconomy in modern society"	Florence, Italy
01/03/2019	Transnational Access Seminar (Assemble Plus project)	Matosinhos, Portugal
18-20/04/2019	Congress of the Scientific Society "MikroBioKosmos"	Patras, Greece
07-10/05/2019	46 th Annual Conference on Yeast	Smolenice, Slovakia
16/05/2019	14 th Meeting of Master Student, Department of Biology	Patras, Greece
21/06/2019	8 th Greek Lipid Forum	Athens, Greece

PUBLICATIONS

Articles in peer-reviewed journals (original research articles)
Bioconversion of olive mill wastewater into high-added value products, <i>Journal of Cleaner production</i> , 2016
Storage lipid and polysaccharide metabolism in <i>Yarrowia lipolytica</i> and <i>Umbelopsis isabellina</i> , <i>Applied Microbiology and Biotechnology</i> , 2017
Reuse of shrimp farm wastewater as growth medium for marine microalgae isolated from Red Sea - Jeddah, <i>Journal of Cleaner Production</i> , 2018



Fish farm effluents are suitable growth media for <i>Nannochloropsis gaditana</i> , a polyunsaturated fatty acid producing microalga, <i>Engineering in Life Sciences</i> , 2018
Screening of oleaginous yeasts for lipid production using volatile fatty acids as substrate, <i>Biomass and Bioenergy</i> , 2020
Biotreatment of poultry waste coupled with biodiesel production using suspended and attached growth microalgal-based systems, <i>Sustainability</i> , 2020
Effect of selenium on the growth and lipid accumulation of <i>Yarrowia lipolytica</i> yeast, <i>Biological Trace Element Research</i> , 2020
Utilization of biomass derived from cyanobacteria based agro-industrial wastewater treatment and raisin residue extract for bioethanol production, <i>Water</i> , 2021
Enzymatic synthesis of glucose fatty acid esters using SCOs as acyl group-donors and their biological activities, <i>Applied Sciences</i> , 2021
Bioconversion of pomegranate residues into biofuels and bioactive lipids, <i>Journal of Cleaner Production</i> , 2021
Articles in peer-reviewed journals (review articles)
Critical steps in carbon metabolism affecting lipid accumulation and their regulation in oleaginous microorganisms, <i>Applied Microbiology and Biotechnology</i> , 2018
High-added value products from microalgae and prospects of aquaculture wastewaters as microalgae growth media, <i>FEMS Microbiology Letters</i> , 2020

Congress proceedings
The olive oil mill wastewaters as substrate for oleaginous yeasts, poster, Athens, Greece, 2015
Glycerol and glucose used as co-substrates negatively affect growth of <i>Umbelopsis isabellina</i> , poster, Smolenice, Slovakia, 2017
Studies on lipid and polysaccharide metabolism in <i>Umbelopsis isabellina</i> and <i>Yarrowia lipolytica</i> , oral, Smolenice, Slovakia, 2017
Biomass and polyunsaturated fatty acids production by <i>Nannochloropsis</i> strains cultivated on fish farm effluents, oral, Wroclaw, Poland, 2017
Cultivation of the marine microalga <i>Nannochloropsis gaditana</i> on fish farm effluents, poster, Florence, Italy, 2018
Biodiesel and bioethanol production by yeasts cultivated on agro-industrial residues, oral, Smolenice, Slovakia, 2019

OTHER INFORMATION

Driving Licence B

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

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Place and date: Milan, 18/11/2021