Academic Personnel Short Profile / Short CV

Institution:	University of Cyprus
Surname:	Tsipa
Name:	Argyro
Rank/Position:	Lecturer
Program of Study:	MSc in Biotechnology / PhD in Molecular Medicine / PhD in Medical Genetics
Scientific Domain: *	Environmental Biotechnology

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2016	Imperial College London, UK	Chemical Engineering	Connecting transcriptional regulation and microbial growth kinetics in cultures of *Pseudomonas putida*
Master of Science	2011	Imperial College London, UK	Chemical Engineering	Adsorption and Anaerobic bioregeneration in the treatment of olive oil mill wastewater polyphenols with powdered activated carbon
Diploma	2010	National Technical University of Athens, GR	Chemical Engineering	Bioethanol production from cheese-whey by different *Fusarium oxysporum* strains

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
Sept 2019	Present	University of Cyprus, CY	Nicosia, CY	Lecturer
Jan 2019	Aug 2019	Cyprus University of Technology, CY	Limassol, CY	Senior Researcher
2016	2018	Imperial College London, UK	London, UK	Research Associate

Key ***refereed*** journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher/ Conference	Vol.	Pages
1	2020	A dual parameter identification approach for data-based predictive modelling of hybrid gene regulatory network-growth kinetics in *Pseudomonas putida* mt-2. Just accepted.	Pitt J.A., Banga J., Mantalaris A..	Bioprocess and Biosystems Engineering		
2	2020	Resolution of alkaloid racemate: A novel microbial approach for the production of enantiopure lupanine via industrial wastewater valorization.	Parmaki S., Vasquez M. I., Teixeira R. A. M., Ferreira F. C., Afonso C. A. M., Drouza C., Koutinas M..	Microbial Cell factories	19	1-10
3	2020	Linking Engineered Gene Circuit Kinetic Modeling to Cellulose Biosynthesis Prediction in *Escherichia coli*: Toward Bioprocessing of Microbial Cell Factories	Buldum G., Mantalaris A.	Industrial and Engineering Chemistry Research	59	4659-4669

4	2019	Utilising datasheets for the informed automated design and build of a synthetic metabolic pathway	Exley K., Reynolds C. R., Suckling L., Chee S. M., Freemont P. S., McClymont D., Kitney R. I.	Journal of Biological Engineering	13	1-8
5	2018	Optimal bioprocess design through a gene regulatory network – growth kinetic hybrid model: Towards replacing Monod Kinetics	Koutinas M., Usaku C., Mantalaris A.	Metabolic Engineering	48	129-137
6	2018	Rapid acquisition and model-based analysis of cell-free transcription–translation reactions from nonmodel bacteria.	Moore S.J., MacDonald J.T., Wienecke S., Ishwarbhai A., Rochelle P.S., Kylilis N., Bell D.J., McClymont D.W., Jensen K., Polizzi K.M., Biedendieck R. and Freemont P.S.	Proceedings of the National Academy of Sciences,	115	E4340
7	2017	The impact of succinate trace on pWW0 and *ortho*-cleavage pathway transcription in *Pseudomonas putida* mt-2 during toluene biodegradation	Koutinas M., Vernardis S.I., Mantalaris A. (2017).	Bioresource Technology	234	397-405
8	2016	Transcriptional kinetics of the cross-talk between the *ortho*-cleavage and TOL pathways of toluene biodegradation in *Pseudomonas putida* mt-2.	Koutinas M., Pistikopoulos E.N., Mantalaris A.	Journal of Biotechnology	228	112-123

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	-	-	-	-	-

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role***
1	2020-2024	Protection, Resilience, Rehabilitation of damaged environment entitled PHOENIX	COST Actions EU	National Management Committee
2	2019	Development of a Hybrid Ozone-Biological Process for the Treatment of Drill Cuttings entitled OzoneBioPro	Cyprus Research & Innovation Foundation	Research Team Member
3	2016-2018	Synthetic Biology Commercialization and Industrialization Translation Engine entitled SynbiCITE	Engineering and Physical Sciences Research Council (EPSRC)-, Biotechnology and Biological Sciences Research Council (BBSRC)-, Innovate UK	Researcher
4	2011-2013	Multi-Scale Computational Modeling of Chemical and Biological Systems entitled MULTI-MOD	EC FP7, MARIE SKLODOWSKA-CURIE Innovative Training Network	Early Career Researcher

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	-	-	-	-

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2020	The paper ‘Linking Engineered Gene Circuit Kinetic Modeling to Cellulose Biosynthesis Prediction in Escherichia coli: Toward Bioprocessing of Microbial Cell Factories" was selected as 'Editors Choice' due to its potential global impact.	American Chemical Society (ACS)
2	2011-2013	Early stage researcher	EC FP7-funded MARIE SKLODOWSKA-CURIE Innovative Training Network MULTIMOD [Project #238013]

**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	-	-	-