



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Pantelidou
<b>Name:</b>	Maria
<b>Rank/Position:</b>	Associate Professor, Vice Dean of the School of Health Sciences
<b>School:</b>	School of Health Sciences
<b>Department:</b>	Department of Pharmacy
<b>Scientific Domain:</b>	Biochemistry and Molecular Biology

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Post-doctorate fellowship	2004-2007	University of Cyprus	Department of Biological Sciences	Molecular motors and their role in Amyotrophic Lateral Sclerosis motor neuron disease.
PhD in Biochemistry	1999-2004	Iowa State University (USA)	Biochemistry, Biophysics & Molecular Biology Department	Site-directed mutagenesis of hydrogen bonding sites in PSI protein complex: functional analysis of P700.
BSc in Biochemistry	1995-1999	Iowa State University (USA)	Biochemistry, Biophysics & Molecular Biology Department	<i>Synechocystis</i> sp. PCC 6803 protein extraction and proteome analysis

Employment history in Academic Institutions/Research Centers				
Period of employment		Employer	Location	Position
From	To			
2023	Today	Frederick University	Cyprus	Associate Professor, Vice Dean of the School of Health Sciences

2019	2023	Frederick University	Cyprus	Associate Professor, Head of the Department of Pharmacy
2017	2019	Frederick University	Cyprus	Assistant Professor, Acting Head of the Department of Pharmacy
2012	2017	Frederick University	Cyprus	Assistant Professor, Vice-Head of the Department of Pharmacy
2007	2012	Frederick University	Cyprus	Assistant Professor, Department of Nursing, Acting Head (2007-2010)
2004	2007	University of Cyprus	Cyprus	Post-doctoral research fellow
1999	2004	Iowa State University	USA	PhD Research Assistant

**Key refereed journal papers, monographs, books, conference publications etc.**

Ref. #	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2023	Comparative Study of the Antibacterial Activity, Total Phenolic and Total Flavonoid Content of Nine <i>Hypericum</i> Species Grown in Greece.	Kakouri, Eleni, Dimitra Daferera, Panayiotis Trigas, Despina Charalambous, Maria Pantelidou, Petros A. Tarantilis, and Charalabos D. Kanakis.	Applied Sciences	13(5)	3305
2	2022	Chemical characterization, antioxidant and antimicrobial properties of different types of tissue of <i>Cedrus brevifolia</i> Henry extracts.	Charalambous, Despina, Nicolas-George Homer Eliades, Michalis Christoforou, Eleni Kakouri, Charalabos Kanakis, Petros A. Tarantilis, and Maria Pantelidou.	Molecules	27(9)	2717
3	2022	Antimicrobial Activities of <i>Saponaria cypria</i> Boiss. Root Extracts, and the Identification of Nine Saponins and Six Phenolic Compounds.	Charalambous, Despina, Michalis Christoforou, Elina N. Kitiri, Marios Andreou, Dora Partassides, Christoforos Papachrysostomou, Myriam Frantzi, George A. Karikas, and Maria Pantelidou.	Molecules	27(18)	5812
4	2021	Gaps in knowledge about SARS-CoV-2 & COVID-19 among university students are associated with negative attitudes toward	Middleton, Nicos, Constantinos Tsioutis, Ourania Kolokotroni, Alexandros Heraclides,	Frontiers in public health	9	1687

		people with COVID-19: a cross-sectional study in Cyprus.	Panagiotis Theodosios-Nobelos, Ioannis Mamais, Maria Pantelidou et al.			
5	2020	Design, Synthesis and Study of Nitrogen Monoxide Donors as Potent Hypolipidaemic and Anti-Inflammatory Agents	Panagiotis Theodosios-Nobelos, Georgios Papagiouvanis, Maria Pantelidou, Panos N Kourounakis, Chrysoula Athanasekou, Eleni A Rekka	Molecules	25(1)	19
6	2019	Xenobiotic metabolising enzymes: impact on pathologic conditions, drug interactions and drug design	Eleni A Rekka, Panos N Kourounakis, Maria Pantelidou	Current Topics in Medicinal Chemistry	19(4)	276-291
7	2017	Biologic Stress, Oxidative Stress and Resistance to Drugs: What is Hidden Behind.	Maria Pantelidou, Karyophyllis Tsiakitzis, Eleni A. Rekka and Panos N. Kourounakis	Molecules	22 (2)	307 (13 pages)
8	2017	<i>CDKN2A</i> and <i>MC1R</i> variants found in Cypriot patients diagnosed with cutaneous melanoma.	Georgia Koulermou, Christos Shammas, Andreas Vassiliou, Tassos Kyriakides, Constantina Costi, Vassos Neocleous, Leonidas A Phylactou, Maria Pantelidou	Journal of Genetics	96 (1)	155-160
9	2016	A novel <i>MC4R</i> deletion coexisting with <i>FTO</i> and <i>MC1R</i> gene variants causes severe early onset obesity.	Vassos Neocleous, Christos Shammas, Michael Phelan, Pavlos Fanis, Maria Pantelidou, Nicos Skordis, Christos Mantzoros, Leonidas Phylactou, Meropi Toumba	Hormones (Athens)	15 (3)	445-452
10	2013	Opinions of health care professionals regarding eugenics.	Evridiki Kaba, George Katsimigas, Hara Spiliopoulou, Panayiota Hellenic Journal of Nursing Bellou-Mylona, Ioannis Hadjilaou, Maria Pantelidou	Hellenic Journal of Nursing	52 (3)	
11	2012	Attitudes and opinions of health care professionals regarding in vitro fertilization.	George Katsimigas, Evridiki Kaba, Maria Pantelidou, Hara Spiliopoulou, Panayiota Bellou-Mylona, Ioannis Hadjilaou	Hellenic Journal of Nursing	51 (30)	327-339
12	2011	Attitudes of Greek health care professionals on human cloning.	George Katsimigas, Evridiki Kaba, Maria Pantelidou,	The online journal of Health Ethics	7(1)	1-21

			Panayiota Bellou, Hara Spiliopoulou			
13	2007	Differential expression of molecular motors in the motor cortex of sporadic ALS.	Maria Pantelidou, Spyros Zographos, Carsten Lederer, Theodore Kyriakides, Michael Pfaffl, Niovi Santama	Neurobiology of Disease	26 (3)	577-89
14	2007	Pathways and genes differentially expressed in the motor cortex of patients with sporadic amyotrophic lateral sclerosis.	Carsten W. Lederer, Antonietta Torrisi, Maria Pantelidou, Niovi Santama, Sebastiano Cavallaro	BMC Genomics	8 (1)	26
15	2005	Evidence for hydrogen bond formation to the PsaB chlorophyll of P700 in photosystem I mutants of <i>Synechocystis</i> sp. PCC 6803.	Jacques Breton, Parag R. Chitnis, Maria Pantelidou	Biochemistry	44 (14)	5402-8.
16	2004	FTIR spectroscopy of <i>Synechocystis</i> 6803 mutants affected on the hydrogen bonds to the carbonyl groups of the PsaA chlorophyll of P700 supports an extensive delocalization of the charge in P700 <sup>+</sup> .	Maria Pantelidou, Jacques Breton, Parag R. Chitnis	Biochemistry	43 (26)	8380-90
17	2019	ADCY3 Genetic Variants in Cypriot Obese Children	Maria Frixou, Pavlos Fanis, Nicos Skordis, Charilaos Stylianou, George A Tanteles, Meropi Toumba, Vassos Neocleous, Leonidas A Phylactou, Maria Pantelidou	58th Annual ESPE, European Society for Paediatric Endocrinology	92	-
18	2019	Pharmaceutical properties of <i>Cedrus brevifolia</i> , the Cyprus cedar	Sophia Menta, Evaggelia Diasiakou, Kyriakos Stavrou, Nikolas Eliades, Despoina Charalambous, Maria Pantelidou	44th FEBS Congress, Krakow, Poland	9: P-28-015	-
19	2019	Pharmacological properties of <i>Salvia</i> species	Vasilios Gourzis, Giannis Raftopoulos, Despina Charalambous, Maria Pantelidou	44th FEBS Congress, Krakow, Poland	9: LB-2801	283
20	2017	<i>In silico</i> pharmacokinetic and docking studies of novel multi-target agents for Alzheimer's disease.	Eleni Pitta, Evangelia Tsolaki, Maria Pantelidou	6 <sup>th</sup> International Conference of the Cyprus Society of Human Genetics (Nicosia, Cyprus) Book of Abstracts		

	2016	Screening for <i>MC4R</i> mutations in Cypriot children with severe early onset obesity and tall stature identified a novel MC4R deletion	Vassos Neocleous, Christos Shammas, Michael Phelan, Pavlos Fanis, Maria Pantelidou, Nicos Skordis, Christos Mantzoros, Leonidas Phylactou, Meropi Toumba	ACTA PAEDIATRICA 26th ECOG congress, (Thessaloniki, Greece)	106	25-25
21	2016	<i>CDKN2A</i> and <i>MC1R</i> variants found in Cypriot patients diagnosed with cutaneous melanoma.	Georgia Koulermou, Christos Shammas, Andreas Vassiliou, Tassos Kyriakides, Constantina Costi, Vasso Neocleous, Leonidas Phylactou, Maria Pantelidou	5 <sup>th</sup> Biennial International Conference of the Cyprus Society of Human Genetics (Nicosia, Cyprus) Book of Abstracts		
22	2016	Computational prediction of blood brain barrier permeability of novel pyrrolidinone derivatives with possible nootropic and antioxidant action.	Pashias Giorgos, Tsiakitzis Karyophillis, Pantelidou Maria, Rekka Eleni, Kourounakis Panos	EFMC International Symposium on Medicinal Chemistry (Manchester, UK) August 28-September 1 Book of Abstracts	-	292
23	2015	Computational prediction of blood brain barrier permeability of novel pyrrolidinone derivatives with possible nootropic and antioxidant action.	Pashias Giorgos, Tsiakitzis Karyophillis, Pantelidou Maria, Rekka Eleni, Kourounakis Panos	17 <sup>th</sup> Panhellenic Pharmaceutical Conference (Athens Greece) Book of Abstracts		

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2021-Today	Development of novel polymeric nanocarrier drug delivery system for melanoma therapy (Nanomel) (EXCELLENCE/0421/0458)	Cyprus Research and Innovation Foundation	Project Coordinator
2	2018-Today	Genetics and Obesity	Frederick University	PhD Thesis Mentor

3	2018-2021	Development of natural soap from Saponaria plants (NatCySoap) (ENTERPRISES/0916/0058)	Cyprus Research and Innovation Foundation	Research Team Member
4	2018-2020	Antimicrobial properties of <i>Urtica urens</i> , <i>Salvia dominica</i> and <i>Salvia fruticosa</i> (In. voucher)	Cyprus Research and Innovation Foundation, Innovation Vouchers	Research Team Member
5	2017-2022	Antimicrobial and antioxidant properties of <i>Cedrus brevifolia</i>	Frederick University	Project Co-Coordinator
6	2009-2012	Cyprus Medical Network (EPIXEIRISEIS/EFARM/ 0308/04)	Cyprus Research and Innovation Foundation	Research Team Member
7	2007-2009	Melanoma and genetic predisposition	Frederick University	Project Coordinator

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	2015-2022	Reviewing Bioethics Committee of Biomedical and Clinical Research	Member- assigned by the Cyprus National Bioethics Committee	Reviewing biomedical research involving human subjects in Cyprus
2	2015-2018	Committee for the Reform of National Curricula of Health Education in Secondary Education	Scientific member- assigned by the Minister of Education and Culture	Reviewing and suggesting changes in the National curriculum of Health Education in Secondary Education
3	2008-Today	Frederick University Senate	Elected Member	Senate is the supreme academic body which regulates and superintends the teaching, research and discipline of the University