



Academic Personnel Short Profile / Short CV

Institution:	University of Nicosia
Surname:	Mourelatou
Name:	Elena
Rank/Position:	Lecturer
Faculty:	Life and Health Sciences
Department:	Health Sciences
Scientific Domain: *	Pharmaceutical Technology

**Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD Pharmaceutical Nanotechnology	2016	National and Kapodistrian University of Athens	Pharmacy	Design and evaluation of chimeric nanosystems for the delivery of doxorubicin combining liposomes and hyperbranched polymers
MSc Industrial Pharmacy	2008	National and Kapodistrian University of Athens	Pharmacy	Design and study of liposomal biosensors for the detection of Mycobacterium spp.
BSc Pharmacy	2006	National and Kapodistrian University of Athens	Pharmacy	-

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
06/2016	Present	University of Nicosia	Nicosia, Cyprus	Full-time lecturer
02/2016	06/2016	University of Nicosia	Nicosia, Cyprus	Part-time lecturer
11/2011	01/2016	Syndesmos S.A.	Athens, Greece	Responsible Pharmacist, Head of Quality Assurance

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	2021	Exploitation of traditional healing properties, using the nanotechnology's advantages: The case of curcumin	Liakopoulou, A., Hatziantoniou, S.	Toxicology Reports	8	1143-1155
2	2021	Clinical trials of nanovesicles for drug delivery uses	Galatou E., Plioukas M., Sarigiannis Y., Aislaitner G., Zacharia L., Petrou C.	Book chapter in: Applications of Nanovesicular Drug Delivery, Elsevier Ltd., USA	In press	
3	2021	Nanotechnology-Based Formulations for Ocular Drug Delivery: Past, Present and Beyond	Sarigiannis, Y., Petrou, C. C.	Book chapter in: Current Issues in Nanomedicine. Publisher: Jenny Stanford Publishing Pte. Ltd.	In press	
4	2019	Ocular Drug Delivery nanoSystems: Recent	Sarigiannis, Y., Petrou, C. C.	Book chapter from the book: Drug	-	93-154

		Developments and Future Challenges		Delivery Nanosystems: From Bioinspiration and Biomimetics to Clinical Applications, Publisher: Pan Stanford Publishing		
5	2013	Caveolar uptake and endothelial-protective effects of nanostructured lipid carriers in acid aspiration murine acute lung injury	Kardara, M., Hatziantoniou, S., Sfika, A., Vassiliou, A.G., Magkou, C., Armaganidis, A., Roussos, C. Orfanos, S. E., Kotanidou, A., Maniatis, N.A.	Pharmaceutical Research	3 (7)	1836-1847
6	2013	Natural and Synthetic Biomaterials as Composites of Advanced Drug Delivery Nano Systems (ADDNSS). Biomedical Applications	Gardikis, K., Ionov, M., Aserin, A., Libster, D., Klajnert, B., Bryszewska, M., Garti, N., Majoral, J. P., Dimas, K., Demetzos, C.	Book chapter in Dendrimers in Biomedical Applications	-	30-39
7	2012	Biophotonic techniques for manipulation and characterization of drug delivery nanosystems in cancer therapy	Spyratou, E., Makropoulou, M., Demetzos, C.	Cancer Letters	327 (1-2)	111-122
8	2011	Type and location of interaction between hyperbranched polymers and liposomes. Relevance to design of a potentially advanced drug delivery nanosystem (aDDnS)"	Libster, D., Nir, I., Hatziantoniou, S., Aserin, A., Garti, N., Demetzos, C.	Journal of Physical Chemistry B	115 (13)	3400-3408

9	2010	Interaction of cationic phosphorus dendrimers (CPD) with charged and neutral lipid membranes	M. Ionov, K. Gardikis, D. Wrobel, S. Hatziantoniou, J.-P. Majoral, B. Klajnert, M. Bryszewska, C. Demetzos	Colloids and Surfaces B: Biointerfaces	82 (1)	8-12
10	2009	Atomic Force Microscopy: a tool to study the structure, dynamics and stability of liposomal delivery systems	E. Spyratou, M. Makropoulou, C. Demetzos	Expert Opinion on Drug Delivery	6 (3)	305-317

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	9/2020-9/2022	Identification and validation of natural quorum sensing inhibitors to replace antibiotics in animal farms	UNIC Seed Grant	Research Team Member

*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other

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	2016-2021	ERPA (European Cosmetic Responsible Person Association)	Supporting Association Member	Expressing opinion on regulatory issues concerning cosmetic products raised by the European Commission



2	09/16-05/17	5th International Phytocosmetics & Phytotherapy Congress, Patras, Greece	Member of the scientific committee	Reviewing submitted abstracts
3	2011	Training School and workshop "Dendrimers as Composites of Advanced Drug Delivery nano-Systems (aDDnSs). Biomedical Applications", COST Action TD0802, Athens, Greece	Member of the organizing committee	Trainer in workshop and organizer

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	2021	Best poster award for: "Linear Scorpion Peptides: An unexplored pool for peptide hydrogels, Constantinos Avraamides, Spiridoula Diavoli, Ariana Robertson, Manos Vlasiou, Elena Mourelatou, Christos Petrou, Yiannis Sarigiannis"	1st International Electronic Conference on Toxins



2	2004	Scholarship for top performance in the courses of the 3rd year of undergraduate studies (2003-2004).	State Scholarship Foundation (IKY)
3	2003	Scholarship for the second-best performance in the courses of the 2nd year of undergraduate studies (2002-2003).	State Scholarship Foundation (IKY)