



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Pafiti
Name:	Kyriaki
Rank/Position:	Adjunct Faculty
Faculty:	Life & Health Sciences
Department:	Health Sciences
Scientific Domain: *	Chemistry, Polymeric Biomaterials, Nanotechnology, Physical Chemistry

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	2011	University of Cyprus	Chemistry	Development of synthetic hydrophilic, cationic biomaterial for use in small interfering RNA technology
B.Sc.	2006	University of Cyprus	Chemistry	Synthesis and Characterization of Shell Cross-Linked Amphiphilic Networks and their Evaluation as Drug Delivery Systems



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

Period of employment		Employer	Location	Position
From	To			
2015	Today	University of Nicosia	Nicosia	Adjunct Faculty
2016	2017	University of Cyprus – Department of Chemistry	Nicosia	Visiting Lecturer
2014	2016	School of Materials, University of Manchester	Manchester, United Kingdom	Research Associate

Key <u>refereed</u> 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	2022	Novel Zinc and Vanadium (V) Hydroquinonate Complexes: Synthesis and Biological Solution Evaluation	Ioannou, K., Eleftheriou, C., Drouza, C., Zacharia, L.C., Vlasίου, M.C.	Journal of Molecular Structure	1257	132582
2	2022	Synthesis and biological evaluation of a new chalconate Co (II/III) complex with cytotoxic activity	Vlasίου, M.C., Ioannou, K., Eleftheriou, C., Zacharia, L.C., El-Shazly, M.	Journal of Molecular Structure	1249	131567
3	2021	Eugenol emulsions stabilized by a natural-derived nonionic palmitate surfactant/polyacrylic acid complex	Kourtis, K.-I., Sarigiannis, Y., Petrou, C.C., Vlasίου, M.C.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	630	127559
4	2021	Cell arrest and apoptosis induced by the next generation of vanadium-based drugs: Action mechanism to structure relation and future perspectives	Vlasίου, M.C.	Anti-Cancer Agents in Medicinal Chemistry	21(16)	2111-2116
5	2021	Density functional theory studies and molecular docking on xanthohumol, 8-prenylnaringenin and their symmetric substitute diethanolamine derivatives as	Vlasίου, M.C., Petrou, C.C., Sarigiannis, Y.	Symmetry	13(6)	948

		inhibitors for colon cancer-related proteins				
6	2021	Oligoamine-grafted Glycidyl Methacrylate Linear and Star Homopolymers: Odd-Even Correlated Transfection Efficiency	Kepola, E. J.; Patrickios, C.S.; Mastrogiannopoulos, N. P.; Phylactou, L. A.; Théato, P.	Journal of Polymer Science	59(10)	870-881
7	2016	Hydrogel composites containing sacrificial biconcave disclike hollow particles as dual action pH-responsive biomaterials	Cui, Z.; Daman, A.; Judith, H.; Freemont, A. J.; Saunders, B. R.	Biomacromolecules	17	2448-2458
8	2016	Composite gels of polyacrylamide and crosslinked pH-responsive micrometer-sized hollow particles	Cui, Z.; Carney, L.; Freemont, A. J.; Saunders, B. R.	Soft Matter	12	1116-1126
9	2014	Inverse Polyampholyte Hydrogels from Double-Cationic Hydrogels: Synthesis by RAFT Polymerization and Characterization	Elladiou, M.; Patrickios, C. S.	Macromolecules	47	1819-1827
10	2011	Hydrophilic Cationic Star Homopolymers Based on a Novel Diethanol-N-Methylamine Dimethacrylate Cross-linker for siRNA Transfection: Synthesis, Characterization and Evaluation	Mastrogiannopoulos, N. P., Phylactou, L. A., Patrickios, C. S.	Biomacromolecules	12	1468-1479

**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	July, 2020	Italian Young Medicinal Chemistry, Virtual meeting	International	virtual meeting	poster presentation
2	October, 2019	13 ^o Chemistry Conference of Cyprus - Greece	Local (Cyprus-Greece)	Nicosia, Cyprus	poster presentation
3	January, 2015	IX th Annual Conference of RSC Biomaterial Chemistry	International	London, UK	oral presentation
4	November, 2014	PN&G	International	Tokyo, Japan	participation
5	October, 2013	9 th Annual Meeting of the Oligonucleotide Therapeutics Society	International	Naples, Italy	participation
6	October, 2011	11 ^o Chemistry Conference of Cyprus - Greece	Local (Cyprus-Greece)	Limassol, Cyprus	oral presentation
7	October, 2010	8 th Hellenic Polymer Society Symposium	International	Hersonissos, Crete	poster presentation
8	July, 2009	19 th Ionic Polymerization Symposium	International	Krakow, Poland	-oral presentation -poster presentation
9	June, 2008	19 th Polymer Network Conference	International	Larnaka, Cyprus	poster presentation
10	February, 2008	9 th Marianna Lordos Symposium	International	Larnaka, Cyprus	oral presentation

*Specify venue, geographic location etc

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	2020-2021	Hollow particles for essential oils encapsulation	Research & Innovation Foundation	Coordinator, Principal Investigator
2	2014-2016	pH-responsive hollow particle gels for cartilage regeneration	Engineering and Physical Sciences Research Council (EPSRC)	Research Associate
3	2011-2013	Self-assembled polymer membranes, SELFMEM	European Funding	Research Associate
4	2013	Development of cationic hydrophilic amino-substituted polymers for siRNA delivery	University of Cyprus	Principal Researcher
5	2008-2010	Development of hydrophilic star polymers for siRNA delivery in mammalian cells	Cyprus Research Promotion Foundation	Principal Researcher

*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	10/21 – today	Symmetry	Guest Editor of Special Issue	Assistance to the editor in decision making
2		The Royal Society of Chemistry	Member	NA
3	2010-today	Pancyprian Union of Chemists	Member	NA
4	2010-today	European Association for Chemical and Molecular Sciences	Member	NA

**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	2016-today	Co-Founder of M.N.K.E. Chemical Services – Consulting Firm	Consulting services in cosmetics, detergents, polymers, fibres, and elastomers, agricultural chemicals, paints and coatings, industrial gases, and pharmaceutical products