



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Sergides
<b>Name:</b>	Andreas
<b>Rank/Position:</b>	Adjunct Faculty
<b>Faculty:</b>	School of Life and Health Sciences
<b>Department:</b>	Pharmacy Programme, Department of Health Sciences
<b>Scientific Domain: *</b>	Pharmaceutical Technology, Nanoparticles for biomedical applications/ Development of Therapeutic peptides

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2015-present	University College London	Biological Physics	Carbon Nanotubes Surface-Functionalised with Iron-Iron Oxide Core-Shell Nanoparticles for Photothermal Therapy and Synthesis of Iron-based Magnetic Nanoparticles for Magnetic Hyperthermia
MSc	2014	University of Patras	Pharmacy	Study of the synthetic parameters of superparamagnetic hybrid colloidal nanocrystals for the development of multifunctional Drug Delivery Systems for chemotherapeutic agents



BSc	2012	National and Kapodistrian University of Athens	Pharmacy	
<b>Employment history in Academic Institutions/Research Centers – List by the three (3) most recent</b>				
Period of employment		Employer	Location	Position
From	To			
2023	Present	University of Nicosia	Nicosia, Cyprus	Adjunct Faculty

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	2023	Zn doped iron oxide nanoparticles with high magnetization and photothermal efficiency for cancer treatment	Georgios Kasparis Anouchka Plan Sangnier, Lilin Wang, Christoforos Efsthathiou, Alec P. LaGrow, Claire Wilhelm and Nguyen Thi Kim Thanh	J. Mater. Chem. B - Royal Society of Chemistry		
2	2022	Microwave-assisted flow synthesis of multicore iron oxide nanoparticles	L. Panariello, M.O. Besenhard, S. Damilos, V. Sebastian, S. Irusta, J. Tang, Nguyen Thi Kim Thanh and A. Gavriilidis	Chemical Engineering and Processing - Process Intensification - Elsevier		
3	2022	Environmental STEM Study of the Oxidation Mechanism for	Alec P. LaGrow, Simone Famiani, Leonardo Lari, David C. Lloyd,	Materials - MDPI		

		Iron and Iron Carbide Nanoparticles	Mari Takahashi, Shinya Maenosono, Edward D. Boyes, Pratibha L. Gai and Nguyen Thi Kim Thanh			
4	2021	Shape controlled iron oxide nanoparticles: inducing branching and controlling particle crystallinity	Nur Hanisah Abu Talib, Alec P. LaGrow, Maximilian O. Besenhard, Oleksandr Bondarchuk, Simone Famiani, Liliana P. Ferreira, M. Margarida Cruz, Asterios Gavriilidis, and Nguyen Thi Kim Thanh	CrystEngComm – Royal Society of Chemistry		
5	2020	Rapid Millifluidic Synthesis of Stable High Magnetic Moment FexCy Nanoparticles for Hyperthermia	Katerina Loizou, Stefanos Mourdikoudis, Maximilian Otto Besenhard, Charalampos Sarafidis, Koichi Higashimine, Orestis Kalogirou, Shinya Maenosono, Nguyen Thi Kim Thanh, and Asterios Gavriilidis	ACS Appl. Mater. Interfaces – American Chemical Society		
6	2020	Block Copolymer Nanosystems Encapsulating Magnetic Nanoparticles and Drug	E. Vlassi, A. Papagiannopoulos, and S. Pispas	J. Nanosci. Nanotechnol. - PubMed		
7	2019	Unravelling the Growth Mechanism of the Co-Precipitation of Iron Oxide Nanoparticles via	Alec P. LaGrow, Maximilian O. Besenhard, Aden Hodzic, Lara K. Bogart, Asterios Gavriilidis, and Nguyen Thi Kim Thanh	Nanoscale – Royal Society of Chemistry		

		Synchrotron X-Ray Diffraction in Solution				
8	2018	PLMA-b-POEGMA Amphiphilic Block Copolymers as Nanocarriers for the Encapsulation of Magnetic Nanoparticles and Indomethacin	Athanasios Skandalis, Aristides Bakandritsos, and Stergios Pispas	Polymers - MDPI		
9	2017	TAT Peptide-Conjugated Magnetic PLA-PEG Nanocapsules for the Targeted Delivery of Paclitaxel: In Vitro and Cell Studies	K. Koutsiouki, Athina Angelopoulou, Eirini Ioannou, Efstathia Voulgari George E Magoulas, Aristides Bakandritsos, and Konstantinos Avgoustakis	AAPS PharmSciTech - Springer		

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	01/23 – 01/25	Development and Scale-up Manufacturing of Therapeutic Peptides	Research and Innovation Foundation	Researcher

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

**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	07/ 2017	Best poster award	UK Colloids conference, Manchester, UK
2	10/ 2014	Best poster award	2 <sup>nd</sup> Conference of Pharmaceutical sciences: From research to society, Patras, Greece

**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	10/2018 – 01/2019	Mobility grant awarded by COST 1402: Multifunctional Nanoparticles for Magnetic Hyperthermia and Indirect Radiation Therapy (2500 euro) for 3-month placement in LCC-CNRS Toulouse, France.	Synthesis and characterisation of bimetallic nanoparticles under airless conditions.
2	10/2017 – 12/2017	Mobility grant awarded by COST 1402: Multifunctional Nanoparticles for Magnetic Hyperthermia and Indirect Radiation Therapy (2500 euro) for 2-month placement in LCC-CNRS Toulouse, France.	Synthesis and characterisation of bimetallic nanoparticles under airless conditions.
3	04/2019	Travel grant awarded by Royal Society of Chemistry (£700 GBP) and Royal Microscopical Society (£300 GBP).	Attended ACS meeting, Orlando, Florida, USA
4	2015-2019	PhD funding by EPSRC and UCL (£68000 GBP)	PhD studies