

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Antoniou
Name:	Chloe
Rank/Position:	Assistant Professor
Faculty:	Medical School
Department:	Basic and Clinical Sciences
Scientific Domain:	Biochemistry

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
Ph.D. Chemistry	2009	University of Illinois at Chicago	Chemistry	Conformational changes of helix C' of erythroid alpha spectrin upon binding beta spectrin.
BSc (Honors) Biochemistry (minor in Ancient Greek)	2005	University of Illinois at Chicago	Chemistry/Biology Joint Program	
PGCertHBE	2019	St George's University of London	Medical and Biomedical Education	

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
July 2017	present	University of Nicosia Medical School	Nicosia, Cyprus	Assistant Professor
Sept 2016	June 2017	University of Nicosia Medical School	Nicosia, Cyprus	Lecturer

2013	2016	University of Nicosia, Dept of Life & Health Sciences	Nicosia,Cyprus	Visiting Lecturer
2012	2014	The Cyprus Institute of Neurology and Genetics	Nicosia,Cyprus	Post-doctoral fellow
2009	2012	University of Chicago	Chicago, Illinois	Research Lab Manager/Post-doctoral fellow

Key <u>refereed</u> journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2014	Novel homozygous PANK2 mutation causing atypical pantothenate kinaseassociated neurodegeneration (PKAN) in a Cypriot family	Tanteles, G.A., Spanou-Aristidou, E., Antoniou, C. , Christophidou-Anastasiadou, V. and Kleopa K.A.	J. of Neurol. Sci	340	233-236
2	2013	Investigating models of protein function and allostery with a wide-spread mutational analysis of a light-activated protein.	Zayner, J. P., C. Antoniou , A. R. French, R.J. Hause Jr. and T. R. Sosnick.	Biophysical Journal	105	1027-1036
3	2012	The Amino-Terminal Helix Modulates Light-Activated Conformational Changes in Aslo2.	Zayner, J. P., C. Antoniou , and T. R. Sosnick.	Journal of Molecular Biology	419	61-74
4	2012	Tulips: Tunable, Light-Controlled Interacting Protein Tags for Cell Biology	Strickland, D., Y. Lin, E. Wagner, C. M. Hope, J. Zayner, C. Antoniou , T. R. Sosnick, E. L. Weiss, and M. Glotzer.	Nature Methods	9	379-384
5	2011	Apparent Structural Differences at the Tetramerization Region of Erythroid and Nonerythroid	Song, Y., C. Antoniou , A. Memic, B. K. Kay, and L. W. Fung.	Protein Science	20	867-79

		Beta Spectrin as Discriminated by Phage Displayed Scfvs.				
6	2011	Dinitrosyliron Complexes Are the Most Abundant Nitric Oxide-Derived Cellular Adduct: Biological Parameters of Assembly and Disappearance	Hickok, J. R., S. Sahni, H. Shen, A. Arvind, C. Antoniou , L. W. Fung, and D. D. Thomas.	Free Radic Biol Med	51	1558-66
7	2010	Inhibition of Calpain but Not Caspase Activity by Spectrin Fragments	Rolius, R., C. Antoniou , L. A. Nazarova, S. H. Kim, G. Cobb, P. Gala, P. Rajaram, Q. Li, and L. W. Fung.	Cell Mol Biol Lett	15	395-405
8	2009	Association Studies of Erythroid Alpha-Spectrin at the Tetramerization Site.	Lam, V. Q., C. Antoniou , R. Rolius, and L. W. Fung.	British Journal of Haematology	147	392-395
9	2008	Conformational Changes at the Tetramerization Site of Erythroid Alpha-Spectrin Upon Binding Beta-Spectrin: A Spin Label EPR Study	Antoniou, C. , V. Q. Lam, and L. W. Fung.	Biochemistry	47	10765-10772
10	2008	Potential Artifacts in Using a Glutathione S-Transferase Fusion Protein System and Spin Labeling Electron Paramagnetic Resonance Methods to Study Protein-Protein Interactions."	Antoniou, C. , and L. W. Fung.	Analytical Biochemistry	376	160-162

Research Projects

Ref. Number	Date	Title	Funded by	Project Role
1	2019	IoT based Continuous Environmental Monitoring for Health Analytics	RPF	Research Team Member

Awards / International Recognition

Ref. Number	Date	Title	Awarded by:
1	2008	Paaren Fellowship	Department of Chemistry, University of Illinois at Chicago
2	2001	CASP Fulbright Scholarship	Fulbright Commission, Nicosia, Cyprus.