

### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Charalambous
<b>Name:</b>	Christiana
<b>Rank/Position:</b>	Associate Professor
<b>Faculty:</b>	Medical School
<b>Department:</b>	Basic and Clinical Sciences
<b>Scientific Domain: *</b>	Molecular Biology

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	2005	University of Southern California (USA)	Department of Molecular Microbiology and Immunology	The role of tumor-associated and normal human brain endothelial cells in angiogenesis
B.Sc.	2000	University of Surrey (UK)	Department of Biological Sciences	The role of interleukin-6 (IL- 6) in the regulation of EGFR expression on monocytes

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
1/9/2014	now	University of Nicosia Medical School	Nicosia, Cyprus	Assistant/ Associate Professor
1/4/2006	31/10/2013	University of Cyprus, Dept Of Biological Sciences	Nicosia, Cyprus	Post-Doctoral Fellow
1/9/2013	31/5/2014	European University, Dept Of Biological Sciences	Nicosia, Cyprus	Part-Time Lecturer

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	Newly identified disorder of copper metabolism caused by variants in CTR1, a high-affinity copper transporter.	Batzios S, Tal G, DiStasio AT, Peng Y, <b>Charalambous C</b> , Nicolaides P, Kamsteeg EJ, Korman SH, Mandel H, Steinbach PJ, Yi L, Fair SR, Hester ME, Drousiotou A, Kaler SG.	Human Molecular Genetics	00 (00)	1–10
2	2022	LC-HRMS/MS phytochemical profiling of <i>Vernonia kotschyana</i> Sch. Bip. ex Walp.: Potential involvement of highly-oxygenated stigmastane-type saponins in cancer cell viability, apoptosis and intracellular ROS production.	Vasincu A, Luca SV, <b>Charalambous C</b> , Neophytou CM, Skalicka-Woźniak K, Miron A	South African Journal of Botany	144	83-91
3	2021	Update on the Anti-Cancer Potency of Tocotrienols and $\alpha$ -Tocopheryl Polyethylene Glycol 1000 Succinate on Leukemic Cell Lines”.	Constantinou C, <b>Charalambous C</b> , Kanakis D, Kolokotroni O, Constantinou AI	Nutrition and Cancer	73 (8)	1302–1308
4	2020	Vitamin E and cancer: an update on the emerging role of $\gamma$ and $\delta$ tocotrienols.	Constantinou C, <b>Charalambous C</b> , Kanakis D.	European Journal of Nutrition	59	845–857
5	2019	Assessment of the potential antitumor effects of <i>Glinus Oppositifolius</i> (L.) Aug. DC. extracts.	Vasincu A, Ababei Dc, Miron A, Neamțu M, Vasincu IM, <b>Charalambous C</b> ,	Farmacia	67	656-661

			Neophytou CM, Andreas I. Constantinou AI			
6	2013	Equol enhances tamoxifen's anti-tumor activity by induction of caspase-dependent apoptosis in MCF-7 breast cancer cells.	<b>Charalambous C</b> , Pitta CA and Constantinou AI.	BMC Cancer	13	238-248
7	2013	ER $\beta$ re-expression by trichostatin-A and 5-deoxy-aza-cytidine treatment restores sensitivity in tamoxifen resistant breast cancer cells.	Pitta CA, Papageorgis P, <b>Charalambous C</b> and Constantinou AI	Cancer Letters	337	167-176
8	2007	Senescent phenotype of tumor-associated endothelial cells.	<b>Charalambous C</b> , Kardosh A, Qazi L, Zidovetzki R, Schonthal AH, Chen TC, Hofman FH.	Experimental Cell Research	313	1192-1202
9	2005	IL-8 differentially regulates migration in tumor-derived and normal human brain endothelial cells.	<b>Charalambous C</b> , Pen L, Su Y, Milan J, Chen TC, Hofman FH	Cancer Research	65	10347-54
10	2005	Functional and phenotypic differences between normal and glioblastoma multiforme- derived endothelial cells.	<b>Charalambous C</b> , Hofman FM, Chen TC.	Journal of Neurosurgery	102	699-705

**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	Sept 16-19, 2023	Chemical composition, antioxidant and antiproliferative activity of a polyphenol-rich fraction from <i>Pinus sylvestris</i> L. bark. 2023, pp. 126.	Probiotics, Prebiotics & New foods 12th biannual meeting	Rome, Italy, Auditorium della Tecnica	Poster presentation

2	July 8, 2021	Prognostic significance of Estrogen receptor- $\beta$ as a novel biomarker with a role in tamoxifen resistance in Cypriot breast cancer patients.	Cyprus Cancer Research Institute (CCRI) Network Launch Event,	University of Cyprus, Nicosia, Cyprus, Anastasios Leventis amphitheater	Oral presentation
3	Nov 11-13, 2022	Making Progress in Cancer Care with Research Innovation and Multidisciplinary Collaboration	4th Cyprus Oncology Conference	Limassol, Cyprus.	Participant
4	Dec 3, 2019	Prognostic significance of Estrogen receptor- $\beta$ as a novel biomarker with a role in tamoxifen resistance in Cypriot breast cancer patients.	Research Meeting at the Bank of Cyprus Oncology Centre (BOCOC)	BOCOC, Nicosia, Cyprus.	Oral presentation
5	June 11, 2019	Disorders of metal transport & metabolism.	Israel Society for Metabolic Diseases (ISMD) summer meeting 2019.	Jerusalem, Israel.	Participant
6	July 2012	Investigation of the apoptotic pathways activated by equol and tamoxifen in MCF-7 breast cancer cells	Annual EACR (European Association of Cancer Research) conference	Barcelona, Spain	Poster presentation
7	April 2012	Equol enhances tamoxifen anti-cancer effect via induction of the caspase-mediated apoptotic pathway in MCF-7 breast cancer cells.	Annual AACR (American Association of Cancer Research) conference	Chicago, Illinois, USA	Poster presentation
8	Sept 2010	Molecular mechanisms of cancer chemoprevention by tamoxifen and equol.	1st International Summerschool for Inflammation and Cancer	Fodele, Crete	Poster presentation
9	April 2007	2-Methoxy-estradiol induced apoptosis of Jurkat cells is associated with topoisomerase- II activation.	Annual AACR (American Association of Cancer Research) conference	Los Angeles, California, USA	Poster presentation

10	April 2006	Senescent phenotype of tumor-associated endothelial cells.	Annual AACR (American Association of Cancer Research) conference	Washington DC, USA	Poster presentation (Scholar-in Training Award)
----	------------	--	--	--------------------	---

*\*Specify venue, geographic location etc*

<b>Research Projects. List the five (5) more recent and other five (5) selected (max total 10)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	1/11/2019-31/10/2020	Prognostic significance of Estrogen Receptor- $\beta$ as a novel biomarker responsible for tamoxifen resistance in Cypriot breast cancer patients.	University of Nicosia Medical School Seed fund	Principal Investigator/Project Coordinator
2	1/1/2023 – 1/1/2033	Shriners Children’s Hospital Genomics and Precision Medicine Project	Shriners Hospital for Children (SHC)	Research team member (Cyprus partner)
3	1/11/2010-31/10/2013	Molecular mechanisms of cancer chemoprevention by equol and tamoxifen.	Post-doctoral fellowship Research award, University of Cyprus.	Post-doctoral researcher
4	1/6/2009-31/5/2012	Molecular mechanisms of cancer chemoprevention by equol and tamoxifen.	CRPF (Cyprus Research Promotion Foundation)	Post-doctoral researcher (major participant)
5	2008-2010 (2 years)	KY-POY/0407/03: Identification and characterization of compounds with anti-tumor activity from conifer species (bilateral collaboration with Romania).	Cyprus Research Promotion Foundation (CRPF).	Research team member (graduate student’s supervisor).

6	1/9/2006-31/8/2008	Molecular Mechanisms of Cancer Chemoprevention by Tamoxifen and Equol.	Leventis Foundation Research Committee grant.	Post-doctoral researcher (major participant)
7	Apr 2006 – Aug 2006	The role of 2-methoxy-estradiol in the induction of apoptosis via topoisomerase-II regulation in Jurkat lymphocytes. (Bilateral collaboration with University of Ioannina).	Cyprus Research Promotion Foundation (CRPF).	Post-doctoral researcher (Cyprus partner).
8	December 2008 –May 2009	Synergistic action of natural antioxidants in prostate cancer treatment and prevention. (Total project duration 3 years 1/10/2006- 31/5/2006)	Cyprus Research Promotion Foundation (CRPF).	Post-doctoral researcher

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

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	August 2023 - February 2024	Life scientific journal	Guest Editor of special issue Special Issue entitled "Exploring the Potential of Natural Compounds as Anticancer Agents"	Inviting and reviewing all submissions to this special issue
2	Nov 7, 2019	BOCOC workshop.	Lung Cancer Screening Workshop Bank of Cyprus Oncology Centre (BOCOC)	Participant

**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	1/11/2010-31/10/2013	Post-doctoral fellowship Research award (salary for 3 years)	Department of Biological Sciences, University of Cyprus
2	April 2006	Scholar-In Training Award for poster presentation in the annual AACR conference 2006, Washington DC, (Poster was within the 10% top-ranked by the AACR editors and reviewers).	AACR (American Association of Cancer Research)
3	2004	Phi Beta Kappa Alumni Association scholarship award for international graduate students, University of Southern California (USC).	Phi Beta Kappa Alumni Association, University of Southern California, Los Angeles, USA.
4	1999	Traditional Fulbright Scholarship Award for graduate studies	Fulbright organisation

**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			
2			
3			
4			
5			
6			
7			
8			
9			
10			

