

Academic Personnel Short Profile / Short CV

University:	Cyprus University of Technology
Surname:	Miltiadou
Name:	Despoina
Rank/Position:	Associate Professor
Faculty:	Geotechnical Sciences and Environmental Management
Department:	Agricultural Sciences, Biotechnology and Food Science
Scientific Domain: *	Molecular Genetics and Breeding of Domestic Animals

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2006	University of Edinburgh	Veterinary Science	Characterization of the ovine Major Histocompatibility Complex (MHC) class I genes
MSc	2002	University of Edinburgh	Veterinary Science	Bovine MHC genotyping in correlation with immune response traits
Ptyhion	1998	Agricultural University of Athens	Agricultural Biotechnology	Study of the effect of phenolic extracts from 4 Mediterranean plants on phytopathogenic bacteria

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

Period of employment	Employer	Location	Position
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From	To			
November 2018	today	Cyprus University of Technology	Lemesos, Cyprus	Associate Professor
1/9/2012	31/10/2018	Cyprus University of Technology	Lemesos, Cyprus	Assistant Professor
2/1/2008	31/8/2012	Cyprus University of Technology	Lemesos, Cyprus	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	2020	<i>The use of ensiled olive cake in the diets of Friesian cows increases beneficial fatty acids in milk and Halloumi cheese and alters the expression of SREBF1 in adipose tissue</i>	<i>M.C. Neofytou, A. Hager - Theodorides, C. Constantinou, S. Symeou, D. Sparaggis, and O. Tzamaloukas</i>	<i>Journal of Dairy Science</i>	<i>JDS. 2020-18235</i>	<i>accepted</i>
2	2020	<i>ACAA2 and FASN polymorphisms affect the fatty acid profile of Chios sheep milk</i>	<i>Symeou, S., Tzamaloukas, O., Banos, G.</i>	<i>Journal of Dairy Research</i>	<i>87(1)</i>	<i>23-26</i>
3	2019	<i>Nuclear magnetic resonance screening of changes in fatty acid and cholesterol content of ovine milk induced by ensiled olive cake inclusion in Chios sheep diets</i>	<i>Symeou, S., Tsiafoulis, C.G., Gerothanassis, I.P., Tzamaloukas, O.</i>	<i>Small Ruminant Research</i>	<i>177</i>	<i>111-116</i>
4	2019	<i>NMR-based metabolomics of the lipid fraction of organic and conventional bovine milk</i>	<i>Tsiafoulis, C.G., Papaemmanouil, C., Alivertis, D., Tzamaloukas, O., Balayssac, S., Malet-Martino, M., Gerothanassis, I.P.</i>	<i>Molecules</i>	<i>24(6)</i>	<i>1067</i>

5	2017	<i>Variants in the 3'UTR of the Ovine Acetyl-Coenzyme A Acyltransferase 2 Gene are Differentially Expressed and Associated with Dairy Traits</i>	<i>Hager-Theodorides A.L., Symeou S., Constantinou C., Psifidi A., Banos G. and Tzamaloukas O.</i>	<i>Journal of Dairy Science</i>	100	6285–6297
6	2017	<i>Identification of variation in the ovine prolactin gene of Chios sheep with a cost effective sequence typing assay</i>	<i>Orford M., Symeou S. and Banos G.</i>	<i>Journal of Dairy Science</i>	100	1290–1294
7	2015	<i>Partial suckling reduced the linoleic and conjugated linoleic acid content of marketable milk in Chios ewes</i>	<i>Tzamaloukas O., Orford M., and C. Papachristoforou</i>	<i>Journal of Dairy Science</i>	98 (3)	1739–1749
8	2014	<i>Selection signatures in worldwide sheep populations</i>	<i>International Sheep Genomics consortium</i>	<i>PLoS ONE</i>	9(8)	e103813
9	2012	<i>A novel single nucleotide polymorphism in the ACAA2 gene is associated with milk yield in Chios sheep</i>	<i>Orford M., Tzamaloukas O., Hadjipavlou G., Hatziplis D., Koumas A., Mavrogenis A., Papachristoforou C.</i>	<i>Journal of Dairy Science</i>	95	3419–3427
10	2012	<i>Genome-wide analysis of the world's sheep breeds reveals high levels of historic mixture and strong recent selection</i>	<i>International Sheep Genomics consortium</i>	<i>PLoS Biology</i>	Vol 10. No 2	e1001258

* 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	2011-2015	<i>Genetic characterisation and the influence of aquaculture on native European seabass populations in Cyprus</i>	Cyprus Research Promotion Foundation	Coordinator
2	2012-2015	<i>Improvement of lipid fraction in ovine milk and halloumi cheese, towards healthier local products</i>	Cyprus Research Promotion Foundation	Principal Investigator in 2 research packages
3	2011-2014	<i>Study of the effect of production method (organic vs. conventional) on the quality of fat in milk and dairy products of Cyprus</i>	Κρίστης Χαραλαμπίδης Ltd	Researcher
4	2009-2013	<i>Use of molecular and population genetics for the improvement of Chios sheep</i>	Cyprus Research Promotion Foundation	Coordinator
5	2008-2013	<i>Sheep Hapmap project</i>	International Sheep Genomics Consortium (ISGC)	Researcher
6	2008-2013	<i>Studying of genetic factors affecting milk production traits from Cypriot dairy sheep and goat breeds</i>	Τεχνολογικό Πανεπιστήμιο Κύπρου	Coordinator

*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	2011-today	National Committee for Animal Genetic Recourses	Member	Conservation of biodiversity of local breeds, establishment of DNA and embryo banks
2	2015- today	Cost Committee	Member	Evaluation of cost projects in the field of Agricultural Biotechnology
3	2017- today	Quality Assurance Committee (CUT)	Member	Establishment and control of quality assurance procedures

**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	2002-2005	A Full Scholarship for PhD studies (covering tuition fees, bench fees and cost of living)	Scottish Executive's Environment and Rural Affairs Department (SEERAD, UK)
2	2004	Award for participation in the 7th International Veterinary Immunological Symposium (7th IVIS, Quebec, Canada)	Birrell-Gray and William Dickson
3	2000-2002	A Full Scholarship for postgraduate studies (covering tuition, bench fees and cost of living)	Hellenic State Scholarship Foundation
4	2002	Award for participation in the 28th International Society for Animal Genetics (ISAG) conference (Cottingen, Germany)	ISAG Committee
5	1993-1998	Five annual Scholarships for 1st or 2nd best academic performance	Hellenic State Scholarship Foundation
6	1993-1998	Five annual grants for excellent undergraduate student performance	Greek Naval Association
7	1999	Distinction: Announcement of the oath as the best student graduating from AUA in March 1999	Agricultural University of Athens