



### Academic Personnel Short Profile / Short CV

<b>Institution:</b>	The Cyprus Institute of Neurology and Genetics (CING)
<b>Surname:</b>	Keravnou
<b>Name:</b>	Anna
<b>Rank/Position:</b>	Associate Scientist/Associate Faculty
<b>Program of Study:</b>	MSc in Medical Genetics / MSc in Neuroscience / MSc in Biomedical Research / MSc in Biotechnology / PhD in Molecular Medicine / PhD in Medical Genetics / PhD in Neuroscience
<b>Scientific Domain: *</b>	Cardiovascular Genetics and the Laboratory of Forensic Genetics

*\*Field of Specialization*

### Academic qualifications / (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2016	Postgraduate School of the Cyprus Institute of Neurology and Genetics	Translational Genetics Team	Maternal and fetal whole methylome analysis using MeDIP-NGS for NIPT approaches
MSc	2011	University of Leicester, UK	Medical Research Council (MRC) Toxicology Unit	Establishing a Cellular model for Malignant Mesothelioma
BSc	2010	University of Patras. Greece	Medical School	Immunohistochemical expression of cell cycle proteins PTEN, p27, SKp2 and cell proliferation marker Ki67, in gastric carcinoma and correlation with classic prognostic factors and patients' outcome



ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ  
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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Qualification	Year	Awarding Institution	Department	Thesis title



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

Period of employment		Employer	Location	Position
From	To			
March 2017	Present	Cyprus Institute of Neurology and Genetics	Nicosia-Cyprus	Associate Scientist Associate Faculty
January 2017	May 2017	Cyprus University of Technology	Nicosia-Cyprus	Special Scientist
November 2011	September 2013	Medicover Genetics Ltd	Nicosia-Cyprus	Laboratory Scientific Officer

**Key refereed journal papers, monographs, books, conference publications etc.  
List the five (5) more recent and other five (5) selected –(max total 10)**

Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2023	Deciphering the maternal ancestral lineage of Greek Cypriots, Armenian Cypriots and Maronite Cypriots.	Irene Moutsouri, Panayiotis Manoli, Vasilis Christofi, Evy Bashiardes, Anna Keravnou, Stavroulla Xenophonos, Marios A. Cariolou	PLoS One	in-press article	in-press article
2	2023	Tissue and plasma proteomic profiling indicates AHSG as a potential biomarker for	Kazamia R, Keravnou A, Moushi A, Sokratous K, Michailidou K, Yiangou K, Soteriou M, Xenophonos	BMC Cardiovascular Disorders	23	138



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
		ascending thoracic aortic aneurysms	S, Cariolou MA, Bashiardes E			
3	2023	HTAD patient pathway: Strategy for diagnostic work-up of patients and families with (suspected) heritable thoracic aortic diseases (HTAD). A statement from the HTAD working group of VASCERN	Caruana M, Baars MJ, Bashiardes E, Benke K, Björck E, Codreanu A, de Moya Rubio E, Dumfarth J, Evangelista A, Groenink M, Kallenbach K, Kempers M, Keravnou A, Loeys B, Muiño-Mosquera L, Nagy E, Milleron O, Nistri S, Pepe G, Roos-Hesselink J, Szabolcs Z, Teixidó-Tura G, Timmermans J, Van de Laar I, van Kimmenade R, Verstraeten A, Von Kodolitsch Y, De Backer J, Jondeau G	European Journal of Medical Genetics	66	10467 3
4	2021	Correction: Comparative Y-Chromosomal Analysis among Cypriots in the context of Historical Events and Migrations	Moutsouri I, Keravnou A, Manoli P, Bertoncini S, Michailidou K, Christofi V, Xenophontos S, Cariolou MA, Bashiardes E	PLoS One	17	e0267 875
5	2020	Identification of MicroRNAs as possible biomarkers in Thoracic Aortic Aneurysms	Moushi A, Pillar N, Keravnou A, Soteriou M, Shomron N, Cariolou MA, Bashiardes E	Bioscience Reports	40	BSR20 20021 8
6	2020	Identification of novel splice mutation in SMAD3 in two	Keravnou A, Bashiardes E, Barberis V, Michailidou	Molecular Genetics and Genomic Medicine	8	e1378



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
		Cypriot families with nonsyndromic thoracic aortic aneurysm. Two case reports.	K, Soteriou M, Tanteles GA, Cariolou MA			
7	2018	Novel variants in the ACTA2 and MYH11 genes in a Cypriot family with thoracic aortic aneurysms: A case report	Keravnou A, Bashiardes E, Michailidou K, Soteriou M, Moushi A, Cariolou M	BMC Medical Genetics	19	208
8	2018	MeDIP combined with in-solution targeted enrichment followed by NGS: Inter-individual methylation variability of fetal-specific biomarkers and their implementation in a proof of concept study for NIPT	Keravnou A, Ioannides M, Loizides C, Tsangaras K, Achilleos A, Mina P, Kypri E, Hadjidaniel MD, Neofytou M, Kyriacou S, Sismani C, Koumbaris G, Patsalis PC	PLoS One	13	e0199010
9	2017	Targeted capture enrichment assay for non-invasive prenatal testing of large and small size sub-chromosomal deletions and duplications	Neofytou MC, Tsangaras K, Kypri E, Loizides C, Ioannides M, Achilleos A, Mina P, Keravnou A, Sismani C, Koumbaris G, Patsalis PC	PLoS One	12	e0171319
10	2016	Whole genome fetal and maternal DNA methylation analysis using MeDIP-NGS for the identification of differentially methylated regions	Keravnou A, Ioannides M, Tsangaras K, Loizides C, Hadjidaniel MD, Papageorgiou EA, Kyriakou S, Antoniou P, Mina P, Achilleos A, Neofytou M, Kypri E,	Genet Res (Camb)	98	e15



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
			Sismani C, Koumbaris G, Patsalis PC			

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10)**

Ref. No.	Date	Topic	International / Local	Location*	Role in Exhibition
1	November 2017	5th International Multithematic Bio-Medical Congress (IMBMC) BioMedical Scientific Cyprus (BSC)	Local	Nicosia, Cyprus	
2	October 2016	5th International Conference of the Cyprus Society of Human Genetics	Local	Nicosia, Cyprus	
3	2016	European Human Genetics Conference	European	Barcelona, Spain	
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\* Specify venue, geographic location etc



**Research Projects. List the five (5) more recent and other five (5) selected  
(max total 10)**

Ref. No.	Date	Title	Funded by	Project Role*
1	2023	The potential role of DNA methylation in Thoracic Aortic Aneurysms	Cyprus Institute of Neurology and Genetics (CING)	Investigator
2	2022	miRNA signature in Thoracic Aortic Aneurysms	CING	Co-Investigator
3	2021	NGS studies in Familial Hypercholesterolaemia and Ascending Thoracic Aortic Aneurysms	CING	Co-Investigator
4	2020	Studies on DNA and Body Fluid Deposition, Persistence and Recovery from Objects Found at Crime Scenes	CING	Co-Investigator
5	2018-2023	Molecular Investigation of Ascending Thoracic Aortic Aneurysms	Telethon	Co-Investigator
6	2018-2023	Phylogenetic studies in the Cypriot Population	CING	Co-Investigator
7	2017-2019	Identification of novel variants in Cypriot families with non-syndromic familial thoracic aortic aneurysms	RCB bank	Scientific/Project 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. No.	Period	Organization	Title of Position or Service	Key Activities
1	January 2020-Present	VASCERN, European Reference Network for Rare Multisystemic Vascular Diseases	Affiliated Partner Cyprus	Heritable Thoracic Aortic Diseases & Medium Sized Arteries Diseases working groups
2	October 2019-February 2023	CardioRNA COST	Management Committee	Action-CA17129
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. No.	Date	Title	Awarded by:
1	2017	ESC First Contact Initiative Grant from the European Society of Cardiology (ESC) Council on Basic Cardiovascular Science	European Society of Cardiology
2	2016	Fellowship holder to participate in the European Human Genetics Conference in Barcelona. ESHG Poster Award Candidate, being among the best scored papers submitted by a young investigator	European Society of Human Genetics
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**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. No.	Date	Title	Key Activities:
1	2013	Highest ranking PhD student of the Cyprus School of Molecular Medicine for the academic year 2012-2013	
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