

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Kyriakou
Name:	Skevi
Rank/Position:	Assistant Professor
Faculty:	Medical School
Department:	Basic and Clinical Sciences
Scientific Domain: *	Molecular Biology and Human Genetics

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD, Medical Genetics	2015	University of Cyprus	Biological Sciences	Methylome and Transcriptome - Towards Non-Invasive Prenatal Diagnosis
BSc, Molecular Medicine and Biochemistry	2010	University of Essex, United Kingdom	Life Sciences	Pro-apoptotic Properties of Helix-loop-helix proteins

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

Period of employment		Employer	Location	Position
From	To			
01/2026	Present	University of Nicosia	Nicosia, Cyprus	Assistant Professor
10/2025	Present	Cell-Free Genomics, Ltd	Nicosia, Cyprus	Chief Scientific Officer
10/2016	08/2025	Medicover Genetics, Cyprus	Nicosia, Cyprus	Associate Senior Scientist

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	2024	Investigating TNNC1 gene inheritance and clinical outcomes through a comprehensive familial study	Patsalis C, Kyriakou S , Georgiadou M, Ioannou L, Constantinou L, Soteriou V, Jossif A, Evangelidou P, Sismani C, Kypri E, Ioannides M, Koumbaris G.	American journal of Medical Genetics Part A	N/A	N/A
2	2019	Book title: New Technologies and Perinatal Medicine New Technologies and Perinatal Medicine: Prediction and Prevention of Pregnancy Complications. Chapter Contribution: Methylome and epigenetic markers	Kyriakou S , Ioannides M, Koumbaris G and Patsalis PC.	CRC Press	N/A	N/A
3	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, Kyriakou S , Sismani C, Koumbaris G, Patsalis PC.	PLoS One	13, Issue 6	N/A
4	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, Sismani C, Koumbaris G, Patsalis PC.	Genetic Research, Cambridge University Press	98	N/A

5	2013	Variability of cfDNA in maternal plasma does not prevent correct classification of trisomy 21 using MeDIP-qPCR methodology	Kyriakou S , Kypri E, Spyrou C, Tsaliki E, Velissariou V, Papageorgiou EA, Patsalis PC.	Prenatal Diagnosis, Wiley	33, Issue 7	650-655
6	2012	MeDIP real-time qPCR of maternal peripheral blood reliably identifies trisomy 21	N/A	Prenatal Diagnosis, Wiley	32, Issue 10	996-1001

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	24-27 May, 2025	Reproductive Genetics	International	Milan, Italy	Invited Speaker
2	24-27 May, 2025	Cardiovascular Genomics	International	Milan, Italy	Poster Presentation
3	01-04 June, 2024	Reproductive Genetics	International	Berlin, Germany	Poster Presentation
4	10-13 June, 2023	Clinical Genomics and Diagnostic Platform Development	International	Glasgow, United Kingdom	Poster Presentation
5	11-14 June, 2022	Cardiovascular Genomics	International	Vienna, Austria	Poster Presentation
6	06-09 June, 2020	Reproductive Genetics	International	Gothenburg, Sweden	Poster Presentation
7	15-18 June, 2019	Human Genetics	International	Nicosia, Cyprus	Poster Presentation
8	December, 2018	Reproductive Genetics	Local	Nicosia, Cyprus	Oral Presentation
9	27-30, May, 2016	Reproductive Genetics	International	Barcelona, Spain	Poster Presentation
10	06-09, June, 2015	Reproductive Genetics	International	Glasgow, United Kingdom	Poster Presentation

** 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	2025-present	Development of Non-Invasive Prenatal Solutions	Industry	Project Coordinator
2	2016-2025	Development of Non-Invasive Prenatal Testing (NIPT) - Development of NGS-based reproductive health diagnostics - Development of NGS-based screening panels - Development of a universal NGS assay platform	Industry	Project Coordinator
3	2021-2023	Development of Non-Invasive Prenatal Testing (NIPT) for Fetal Whole Exome Screening. INNOVATE/0719(B)/0021	Research and Innovation Foundation, Cyprus	Co-Supervisor
4	2012-2016	AngeLab NIPD project – Implementation of MeDIP-dPCR methodology on a Lab-on-a-chip (LOC) for a fast and simplified automated non-invasive prenatal testing of trisomy 21	7th EU Framework	Researcher
5	2012-2018	Development of MeDIP-dPCR for NIPT- Development of MeDIP-NGS for NIPT	the European Research Council (ERC) POC and the Advanced Grants / Industry	Researcher
6	2013-2015	Identification of differentially expressed genes for the development of a Non-Invasive Test for T21	Industry	Primary Researcher

**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	2023-2025	Cyprus Society of Human Genetics	Board Vice President	Elected board member of local scientific society dedicated to advancing human genetics research and education in Cyprus, through strategic decisions, scientific initiatives and professional development activities.

**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	2022	European Patent EP3649259 B1: Target-Enriched Multiplexed Parallel Analysis for Assessment of Risk for Genetic Conditions	European Patent Office