

### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Patsalis
<b>Name:</b>	Philippos
<b>Rank/Position:</b>	Professor
<b>Faculty:</b>	Medical School
<b>Department:</b>	Basic and Clinical Sciences
<b>Scientific Domain: *</b>	Human Genetics

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Doctor of Philosophy (PhD)	1989-1993	The City University of New York, USA	Human Genetics	Molecular and Cytogenetics analysis of human diploid fibroblast cells transformed by Simian Virus 40; What causes immortalization?
Master of Philosophy (MPh)	1989-1990	The City University of New York, USA	Biology	-
Master of Arts (MA)	1987-1989	City College of the City University of New York, USA	Biology	-
Bachelor of Science (BSc)	1982-1986	Aristotelian University of Salonica, Salonica, Greece	Biology	-

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2019	Present	University of Nicosia Medical School	Nicosia, Cyprus	Professor of Human Genetics

2011	Present	Medicover Genetics (ex NIPD Genetics)	Nicosia, Cyprus	Founder and Chief Executive Officer and Chief Medical Officer
2011	2019	Cyprus School of Molecular Medicine	Nicosia, Cyprus	Founder, President (CEO), Provost, and Distinguished Professor
2014	2015	Republic of Cyprus	Nicosia, Cyprus	Minister of Health
2007	2014	The Cyprus Institute of Neurology and Genetics	Nicosia, Cyprus	Chief Executive Medical Director
1993	2007	The Cyprus Institute of Neurology and Genetics	Nicosia, Cyprus	Founder and Head of Cytogenetics and Genomics Department

**Key refereed 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	2023	Investigation of Clinically Significant Molecular Aberrations in Patients with Prostate Cancer: Implications for Personalized Treatment, Prognosis and Genetic Testing	Fountzilias E, Kouspou M, Eliades, Papadopoulou , Bournakis , Anna Goussia A 8,9, Marinos Tsiatas M10, Achilleas Achilleos A, Tsangaras K , Billioud G, Loizides C , Lemesios C, Kypri E, Ioannides I , Koumbaris G, Levva S, Vakalopoulos I , Paliouras A, Pervana S, Koinis F , Bumci R , Christopoulou A, Meditskou S, Psyrris A, Boukovinas I, Visvikis A,	International Journal of Molecular Sciences	24(14)	11834 (1-12)

			Karavasilis V, Koukoulis GK, Kotsakis A, Giannakis D, Fountzilas G, and Patsalis PC			
2	2023	Targeted pharmacologic inhibition of S-phase kinase-associated protein 2 (SKP2) mediated cell cycle regulation in lung and other RB-Related cancers: A brief review of current status and future prospects	Abul H Elahi, Cordelia S Morales, Xiaoliang L Xu, Alexia Eliades, Philippos C Patsalis , David H Abramson, Suresh C Jhanwar	Advances in Biological Regulation	88	100964
4	2022	Molecular profile and clinical features of patients with gliomas using a broad targeted next generation-sequencing panel	Romanidou O, Apostolou P, Kouvelakis K, Tsangaras K, Eliades A, Achilleos A, Loizides C, Lemesios C, Ioannides M, Kypri E, Koumbaris G, Papadopoulou K, Papathanasiou A, Rigakos G, Xanthakis I, Fostira F, Kotoula V, Fountzilas G, Patsalis P C	Oncolgy Letters	25(1)	38 (1-10)
4	2022	Molecular profile and clinical features of patients with gliomas using a broad targeted next generation-sequencing panel	Romanidou O, Apostolou P, Kouvelakis K, Tsangaras K, Eliades A, Achilleos A, Loizides C, Lemesios C, Ioannides M, Kypri E, Koumbaris G, Papadopoulou K, Papathanasiou A, Rigakos G, Xanthakis I, Fostira F, Kotoula V, Fountzilas G, Patsalis P C	Oncolgy Letters	25(1)	38 (1-10)
5	2022	Proof-of-Concept Pilot Study on Comprehensive Spatiotemporal Intra-Patient Heterogeneity for Colorectal Cancer With Liver Metastasis	Kyrochristos ID , Glantzounis GK , Goussia A, Eliades A , Achilleos A , Tsangaras K , Hadjidemetriou I,	Frontiers in Oncology	12	855463 (1-10)

			Elpidorou M , Ioannides M , Koumbaris G , Mitsis M , Patsalis PC, Roukos D			
6	2021	Clinical Significance of Germline Cancer Predisposing Variants in Unselected Patients with Pancreatic Adenocarcinoma	Fountzilas E, Eliades A, Georgia-Angeliki Koliou GA, Achilleos A,Charalambos Loizides, Tsangaras K, Pectasides D, Sgouros J, Papakostas P, Rallis G, Psyrris A, Papadimitriou C, Oikonomopoulos G, Ferentinos K, Koumariou A , Zarkavelis G, Dervenis G, Aravantinos G, Bafaloukos D, Kosmidis P, Papaxoinis G, Theochari M , Varthalitis I, Kentepozidis N, Rigakos G, Saridaki Z Nikolaidi A, Christopoulou A, Fostira F, Samantas E, Kypri E, Ioannides M, Koumbaris G, Fountzilas G, and Patsalis PC	Cancers	13	198
7	2019	Targeted capture enrichment followed by NGS: development and validation of a single comprehensive NIPT for chromosomal aneuploidies, microdeletion syndromes and monogenic diseases	Koumbaris G, Achilleos A, Nicolaou M, Loizides C, Tsangaras K, Kypri E, Mina P, Sismani C, Velissariou V, Christopoulou G, Constantoulakis P, Manolakos E, Papoulidis I, Stambouli D, Ioannides M, Patsalis P.	Molecular Cytogenetics	12	48(1-9)
8	2019	Development of a new methylation-based fetal fraction estimation assay using multiplex ddPCR	Ioannides M, Achilleos A, Kyriakou S, Kypri E, Loizides C, Tsangaras K, Constantinou L, Koumbaris G, Patsalis PC	Molecular Genetics and Genomics Medicine	8(2)	1094(1-10)

9	2019	Targeted capture enrichment followed by NGS: development and validation of a single comprehensive NIPT for chromosomal aneuploidies, microdeletion syndromes and monogenic diseases.	Koumbaris G, Achilleos A, Nicolaou M, Loizides C, Tsangaras K, Kypri E, Mina P, Sismani C, Velissariou V, Christopoulou G, Constantoulakis P, Manolakos E, Papoulidis I, Stambouli D, Ioannides M, Patsalis P.	Molecular Cytogenetics	21	12:48
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<b>Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)</b>					
<b>Ref. Number</b>	<b>Date</b>	<b>Topic</b>	<b>International / Local</b>	<b>Location*</b>	<b>Role in Exhibition</b>
1	14-15 October 2022	Medicover Healthcare	1st Hospital Services Conference, Medicover	Torun, Poland	Invited Speaker
2	21st May 2022	A new generation genetic testing technology platform for NIPT, Liquid biopsy and beyond	Genetics 2022. Developments and applications in Medicine	Athens, Greece	Invited Speaker
3	24 February 2022	Digitalization & Innovation, Cyprus business Forum: Cyprus, a Gateway to the EU	Cyprus business Forum: Cyprus, a Gateway to the EU	Dubai	Invited Speaker
4	4 – 5 November 2021	Vision for Life Sciences and Biotechnology for a Healthy and Sustainable EU	The 2nd Hellenic Biocluster Forum	Athens, Greece	Invited Speaker
5	29 September 2021	Covid-19 Real dimension and implications	Health in the era of the pandemic	Nicosia, Cyprus	Invited Speaker
6	23-25 October 2020	Utilization of genetic biomarkers in molecular oncology	Panhellenic Conference: On the way to the optimal therapeutic rate in oncology	Athens, Greece	Invited Speaker
7	3-6 February 2020	Prenatal Testing: More, Better, Safe, Effective, For All	19th Annual Laboratory	Dubai	Invited Speaker

			Management and Medicine Congress		
8	26-27 November 2019	New Advancements in NIPT for Prenatal Screening of Genetic Diseases	2nd Arab Association of Genetic Research Conference	Cairo, Egypt	Invited Speaker
9	18-20 October 2019	New generation genetic tests in prenatal and postnatal testing	20th Panhellenic Conference on Perinatal Medicine	Athens, Greece	Invited Speaker
10	9 – 11 July 2019	A new generation technology for genetic testing in preconception, prenatal, postnatal and oncology	The 1st Congress on Women's Health Innovations & Inventions	Tel Aviv, Israel	Invited Speaker

*\*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	2022-2024	New Minimal Residual Disease Detection Liquid Biopsy Test (NeoMRD)	Research and Innovation Foundation, Cyprus	Principal Investigator
2	2021-2023	Development of Non-Invasive Prenatal Testing (NIPT) for Fetal Whole Exome Screening	Research and Innovation Foundation, Cyprus	Principal Investigator
3	2021-2022	Proof of Concept study for the development of methylation based NIPT for trisomy 21 using droplet digital PCR	EU, European Research Council (ERC) Proof of Concept, European Union	Principal Investigator
4	2019-2022	Development of a novel, Preimplantation Genetic Testing Kit	Research Promotion Foundation, Cyprus	Principal Investigator

5	2018-2020	Accelerating the Commercialisation of Non-Invasive Tests for Liquid Biopsy of Solid Tumour Cancers	Research Promotion Foundation, Cyprus	Principal Investigator
6	2016-2018	Proof of Concept study for ERC Non-Invasive Prenatal Diagnosis (NIPT) discovered biomarkers	EU, European Research Council (ERC) Proof of Concept, European Union	Principal Investigator
7	2013-2017	A Novel Non-Invasive Prenatal Diagnosis of Genetic Disorders (NIPD)	EU, European Research Council (ERC) Advanced Grant, European Union	Principal Investigator
8	2013-2015	Development and validation of a non-invasive prenatal diagnostic (NIPD) kit for aneuploidy detection	Eurostars Program, European Union	Principal Investigator
9	2013-2015	: Establishment of a Translational Facility at the Cyprus Institute of Neurology & Genetics	Norwegian Financial Mechanism, Norway	Principal Investigator
10	2012-2016	A New Genetic LABORatory for non-invasive prenatal diagnosis (ANGELab)	EU 7th Framework Programme (ICT), European Union	Principal Investigator

*\*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	2010-Present	Medicover Genetics (ex. NIPD Genetics)	Board of Directors	Executive Director
2	2018-Present	Cyprus National Board for	Board of Directors	Chairman

		Research and Innovation		
3	1998-2003 2016-2021	European Society of Human Genetics	Board of Directors	Board of Directors
4	2022-Present	American Chamber of Commerce in Cyprus	Healthcare Board Committee	Chairman
5	2013-2014 2016-2018	Cyprus Society of Human Genetics	Board of Directors	Chairman

**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	Honored with the 2022 Award for his Contribution to Human and Medical Sciences. In recognition, and to reward the scientific work and continued support for the improvement of health solutions and services, not only in Cyprus but also worldwide.	American Hellenic Educational Progressive Association (EY)
2	2022	Nominated among the best inspiring entrepreneurs as a Finalist for the EY Entrepreneur of the Year Cyprus Awards 2022. The EY Entrepreneur Of The Year™ Cyprus program is being launched this year to honor the country's top entrepreneurs for their contributions to the economy and society	Ernst & Young (EY)



3	2019	Honored by OPAP Cyprus for the contribution to the Cyprus community	OPAP Cyprus
4	2017	Award for his sustained high-calibre contribution to science, academia, innovation and research excellence	European University Cyprus
5	2014	Medal of the Faculty of Medicine, Vilnius University	Honored with Medal of the Faculty of Medicine of Vilnius University, Lithuania, established 1781, in recognition of his scientific achievements.
6	2013	National Award from President of the Republic of Cyprus	Honored with the Annual Award from the President of the Republic of Cyprus, Nicosia, Cyprus. In recognition of his outstanding contribution to scientific research and for being awarded the ERC Advanced Program of Excellence from the European Research Council.
7	2013	Award of Rectorate Medal – European University Cyprus	Honored with the Annual Award of Rectorate Medal of the European University Cyprus, Nicosia, Cyprus. In recognition of his contribution to medical science and his contribution to the Medical School of the European University Cyprus
8	2012	Silver Medal of the Parliament of the Republic of Cyprus	Honored with the Silver Medal of the Parliament of the Republic of Cyprus. The highest honorary distinction of the Parliament of the Republic of Cyprus to one individual for outstanding contribution to the People and Science
9	2011	Man of the Year & Scientist of the Year	Honored as Man of the Year & Scientist of the Year in Cyprus, an Annual award to one individual for outstanding contribution to the society in Cyprus. Award organized nationally by Special Edition Media and other organizations
10	2011	Outstanding Contribution Award of the University of Nicosia	Honored with Annual Outstanding Contribution Award of the University of Nicosia “Most Notable Scientific and Social Contribution” Award for 2011 by University of Nicosia, Nicosia, Cyprus, Presented annually to an

individual or organization for outstanding contribution to the betterment of society

**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	2014	Elected Member of the Lithuanian Academy of Science	Activities of the Academy
2	2011	Founder, Professor, Distinguish Professor, Provost of The Cyprus School of Molecular Medicine	He founded and worked as the first Professor, Provost (Rector) and CEO of the international private University School Cyprus School of Molecular Medicine offering MSc and PhD degrees in the Health sector. He secured initial funding to establish, organize and structure the University School to be self-sustained and worked as Chief Executive Director and Board members for several years.
3	1993	Founder and Head of the Department of Cytogenetics & Genomics, Cyprus Institute of Neurology & Genetics	Founder and Director of the Department of Cytogenetics and Genomics of the Cyprus Institute of Neurology & Genetics. The department is the national referral center in the field of cytogenetics and clinical genomics in Cyprus and the region. It provides medical diagnostic services, advanced research and graduate education in the fields of cytogenetics and molecular genetics
4	2004	Founding member, President of the Cyprus Society of Human Genetics	Founding member of the Cyprus Society of Human Genetics [CSHG] and serve twice as elected President of the Society.
5	2011	Founder and Head of the Translational Genetics Team, Cyprus Institute of Neurology & Genetics	Founder and Director of the Translational Genetics Team of the Cyprus Institute of Neurology & Genetics. The Translational Genetics Team is a research team working in the field of the development of novel diagnostic methods in biomedicine.
6	2011	Founder and Chief Executive Officer and Chief Medical Officer of the NIPD Genetics Public Company Ltd	Founder, Chief Executive Officer, Chief Medical Officer and member of the Board of Directors of the company NIPD Genetics Public. NIPD Genetics is an international biotechnology company and a key-

			player within the competitive genetic diagnostics field. Its focus is on developing and providing to the international market innovative technologies and products and it has demonstrated substantial growth.
7	1999	Founder and Chief Executive Officer of the AKESO Fertility Center, Ltd, Reproductive Medicine Company	Founder and Chief Executive Officer of the Fertility Center AKESO, responsible for the supervision and overall medical services. Fertility Center AKESO is startup company which provides services in the Reproductive Medicine field. He raised funding to set up and grow the company
8	2007-2014	Chief Executive Medical Director of The Cyprus Institute of Neurology and Genetics	Among the first Directors since its establishment of the Institute and he worked as Chief Executive Director, Chief Medical Director and Distinguished Professor of the Institute, Chairman of the Scientific Council and Member & Secretary of the Board of Directors. As the Chief Executive Medical Director, he was responsible for the supervision and overall medical services, research and academic activities, as well as the direction of the Cyprus Institute of Neurology and Genetics. Under his administration the Institute was grown eminently and established as a world known Center of Excellence
9	2014-2015	Minister of Health, Republic of Cyprus	Functions as the Minister of Health for the Republic of Cyprus, responsible for the Political Leadership and the overall direction of the Health Sector of the Republic of Cyprus. During his tenure as a Health Minister and under austere IMF, European Central Bank and European Commission economic measures, Prof. Patsalis implemented major reforms on the national healthcare sector. Among others, he restructured the operations of pharmaceuticals, he initiated the autonomization of public hospitals, and he introduced of a new healthcare system
10	Current	Certificates of Qualifications: -Accredited Laboratory Director CLIA Certification, USA -Accredited Laboratory Director College of American Pathologists (CAP), USA	

		<ul style="list-style-type: none"><li>-Certificate of Qualification as Laboratory Director, USA</li><li>- Clinical Laboratory Evaluation Program, New York State Department of Health, New York, USA.</li><li>- American Board Certified as Embryology Laboratory Director (ELD) HCLD (ABB), USA</li><li>-American Board Certified as High Complexity Clinical Laboratory Director HCLD (ABB), USA</li></ul>	
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