



Academic Personnel Short Profile / Short CV

Institution:	The Cyprus Institute of Neurology and Genetics (CING)
Surname:	Fanis
Name:	Pavlos
Rank/Position:	Associate Scientist/ Faculty Associate
Program of Study:	MSc in Molecular Medicine MSc in Neuroscience / MSc in Biomedical Research / MSc in Biotechnology / PhD in Molecular Medicine / PhD in Medical Genetics / PhD in Neuroscience
Scientific Domain: *	Molecular Biology/Genetics

**Field of Specialization*

Academic qualifications / (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Cell Biology	2011	Erasmus Medical Centre, Rotterdam, the Netherlands	Cell Biology	Functional Proteomics Analysis of Transcription Factor Networks in Erythroid Cells
BSc in Molecular Biology and Genetics	2007	Democritus University of Thrace	School of Molecular Biology and Genetics	Development of non-invasive prenatal method for detection of the Y chromosome from free fetal DNA found in maternal plasma



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

Period of employment		Employer	Location	Position
From	To			
03/2016	Present	The Cyprus Institute of Neurology and Genetics	Nicosia, Cyprus	Associate Scientist
09/2012	02/2016	The Cyprus Institute of Neurology and Genetics	Nicosia, Cyprus	Postdoctoral fellow
11/2011	08/2012	Erasmus Medical Centre	Rotterdam, the Netherlands	Postdoctoral fellow
10/2007	10/2011	Erasmus Medical Centre	Rotterdam, the Netherlands	PhD student

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	Reduced serum concentrations of biomarkers reflecting Leydig and Sertoli cell function in male patients with congenital adrenal hyperplasia	Trine Holm Johannsen, Jakob Albrethsen, Vassos Neocleous, Federico Baronio, Martine Cools, Lise Aksglaede, Niels Jørgensen, Peter Christiansen, Meropi Toumba, Pavlos Fanis, Marie Lindhardt Ljubicic, Anders Juul	Endocrine Connections/ Bioscientifica Ltd	12	
2	2023	RET Proto-Oncogene Variants in Patients with	Vassos Neocleous, Pavlos Fanis, Savvas	Life/MDPI	13	



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
		Medullary Thyroid Carcinoma from the Mediterranean Basin: A Brief Report	Frangos, Nicos Skordis, Leonidas A Phylactou			
3	2023	The pathogenic p. Gln319Ter variant is not causing congenital adrenal hyperplasia when inherited in one of the duplicated CYP21A2 genes	Pavlos Fanis, Nicos Skordis, Meropi Toumba, Michalis Picolos, George A Tanteles, Vassos Neocleous, Leonidas A Phylactou	Frontiers in Endocrinology/ Frontiers	14	
4	2023	Salt-wasting congenital adrenal hyperplasia phenotype as a result of the TNXA/TNXB chimera 1 (CAH-X CH-1) and the pathogenic IVS2-13A/C> G in CYP21A2 gene	Pavlos Fanis, Nicos Skordis, Leonidas A Phylactou, Vassos Neocleous	Hormones/ Springer International Publishing	22	71-77
5	2023	Methylation status of hypothalamic Mkrn3 promoter across puberty	Pavlos Fanis, Maria Morrou, Marios Tomazou, Kyriaki Michailidou, George M Spyrou, Meropi Toumba, Nicos Skordis, Vassos Neocleous, Leonidas A Phylactou	Frontiers in Endocrinology/ Frontiers	13	
6	2010	Haploinsufficiency for the erythroid transcription factor KLF1 causes hereditary persistence of fetal hemoglobin	Joseph Borg, Petros Papadopoulos, Marianthi Georgitsi, Laura Gutiérrez, Godfrey Grech, Pavlos Fanis, Marios Phylactides, Annemieke JMH Verkerk, Peter J van	Nature genetics/ Nature Publishing Group US	42	801-805

Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
			der Spek, Christian A Scerri, Wilhelmina Cassar, Ruth Galdies, Wilfred van IJcken, Zeliha Özgür, Nynke Gillemans, Jun Hou, Marisa Bugeja, Frank G Grosveld, Marieke von Lindern, Alex E Felice, George P Patrinos, Sjaak Philipsen			
7	2012	Five friends of methylated chromatin target of protein- arginine-methyltransferase [prmt]-1 (chtop), a complex linking arginine methylation to desumoylation	Pavlos Fanis, Nynke Gillemans, Ali Aghajani-refah, Farzin Pourfarzad, Jeroen Demmers, Fatemehsadat Esteghamat, Ratna K Vadlamudi, Frank Grosveld, Sjaak Philipsen, Thamar B Van Dijk	Molecular & Cellular Proteomics/ Elsevier	11	1263- 1273
8	2010	Friend of Prmt1, a novel chromatin target of protein arginine methyltransferases	Thamar Bryn van Dijk, Nynke Gillemans, Claudia Stein, Pavlos Fanis, Jeroen Demmers, Mariëtte van de Corput, Jeroen Essers, Frank Grosveld, Uta-Maria Bauer, Sjaak Philipsen	Molecular and cellular biology/ Taylor & Francis	30	260- 272
9	2014	IthaGenes: an interactive database for haemoglobin	Petros Kountouris, Carsten W Lederer, Pavlos Fanis, Xenia	PloS one/ Public Library of Science	9	



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
		variations and epidemiology	Feleki, John Old, Marina Kleanthous			
10	2015	Oxidative stress in β -thalassaemia and sickle cell disease	S Voskou, M Aslan, P Fanis, M Phylactides, M Kleanthous	Redox biology/ Elsevier	6	226-239

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	29/09/2023	European Researchers' Night 2023	Local	Nicosia, Cyprus	presenter researcher
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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	2022-Present	Identification of Extracellular Vesicles as biomarkers for abnormal puberty	Telethon	PhD Supervisor /Researcher
2	2022-2023	The chimeric <i>CYP21A1P/CYP21A2</i> and <i>TNXA/TNXB</i> gene deficiencies in patients with Congenital Adrenal Hyperplasia	CING	Researcher
3	2018-2019	Investigation of Central Precocious Puberty with Next Generation Sequencing Technology	RCB	Researcher
4	2017-Present	Genetics and mechanisms of premature puberty	CING	Researcher
5	2012- 2013	Genotype/phenotype correlation studies for HbH-disease patients and all the β -thalassaemia patients in Cyprus	DESMI 2009-2010	Researcher
6	2013-2016	THALAssaemia MOdular Stratification System for personalized therapy of beta-thalassemia (THALAMOSS)	7 th Framework Programme - European Union/European Commission ^h	Researcher
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*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	01/2019-09/2021	Cyprus Society of Human Genetics (CSHG)	Treasurer	Treasurer
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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	14/10/2021	Panos Ioannou junior scientist award 2020	Cyprus Institute of Neurology and 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:
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