



Academic Personnel Short Profile / Short CV

Institution:	Cyprus Institute of Neurology and Genetics (CING)
Surname:	Petrou
Name:	Petros
Rank/Position:	Associate Professor
Program of Study:	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
Scientific Domain: *	Biochemical Genetics

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
Doctor of Philosophy (PhD)	2001	Georg August University Goettingen (Germany)	Department of Molecular Cell Biology (Max Planck Institute of Biophysical Chemistry)	Characterization of new protein Map11 and its role in the regulation of Pax6 function
Biology Diploma	1996	Georg August University Goettingen (Germany)	Department of Molecular Cell Biology (Max Planck Institute of Biophysical Chemistry)	Identification of Pax6 interacting proteins using the yeast two- hybrid system

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



FORM: 500.1.04

Period of employment		Employer	Location	Position
From	To			
2022	today	The Cyprus Institute of Neurology and Genetics	Nicosia	Senior Scientist, Head of Department
2020	2022	The Cyprus Institute of Neurology and Genetics	Nicosia	Associate Scientist
2008	2020	The Cyprus Institute of Neurology and Genetics	Nicosia	Senior Scientific Laboratory Officer
2006	2008	University of Cyprus	Nicosia	Post-doctoral fellow
2002	2006	University of Crete	Crete / Greece	Post-doctoral fellow

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	GAA variants associated with reduced enzymatic activity but lack of Pompe-related symptoms, incidentally identified by exome sequencing.	Malekkou, A., Theodosiou, A., Alexandrou, A., Papaevripidou, I., Sismani, C., Jacobs, E. H., Rujiter, G. J. G., Anastasiadou, V., Ourani, S., Athanasiou, E., Drousiotou, A., Grafakou, O., Petrou, PP.	Mol. Genet. Metab. Rep.	36	100997



2	2022	Stbd1-deficient mice display insulin resistance associated with enhanced hepatic ER-mitochondria contact.	Kyriakoudi, S., Theodoulou, A., Potamiti, L., Schumacher, F., Zachariou, M., Papacharalambous, R., Kleuser, B., Panayiotidis, M., Drousiotou, A., Petrou, PP.	Biochimie	200	172-183
3	2021	When the balance tips: Dysregulation of mitochondrial dynamics as a culprit in disease	Kyriakoudi, S., Drousiotou, A., Petrou, PP.	Int. J. Mol. Sci.	22	4617
4	2020	A glycine substitution in the collagenous domain of Col4a3 in mice recapitulates late onset Alport syndrome	Odiatis, C., Savva, I., Pieri, M., Ioannou, P., Petrou, P., Papagregoriou, G., Antoniadou, K., Makrides, N., Stefanou, H., Galesic Ljubanovic, D., Nikolaou, G., Borza, DB., Stylianou, K., Gross, O., Deltas, C	Matrix Biol. Plus	9	100053
5	2020	Stbd1 promotes glycogen clustering during endoplasmic reticulum stress and supports survival of mouse myoblasts	Lytridou, AA., Demetriadou, A., Christou, M., Potamiti, L., Mastrogiannopoulos, NP., Kyriacou, K., Phylactou, LA., Drousiotou, A., Petrou, PP.	J. Cell Sci.	133	jcs244855

6	2017	Mouse Stbd1 is N-myristoylated and affects ER-mitochondria association and mitochondrial morphology	Demetriadou, A., Morales-Sanfrutos, J., Nearchou, M., Baba, O., Kyriacou, K., Tate, EW., Drousiotou, A., Petrou, PP.	J. Cell Sci.	130	903-915
7	2007	Basement membrane localization of Frem3 is independent of the Fras1/Frem1/Frem2 protein complex within the sublamina densa.	Petrou, P., Pavlakis, E., Dalezios, Y., Chalepakis G.	Matrix Biol.	26	652-658
8	2005	Basement membrane distortions impair lung lobation and capillary organization in the mouse model for Fraser syndrome.	Petrou, P., Pavlakis, E., Dalezios, Y., Galanopoulos, VK., Chalepakis, G.	J. Biol. Chem.	280	10350-10356
9	2003	Fras1 deficiency results in cryptophthalmos, renal agenesis and blebbed phenotype in mice.	Vrontou, S., Petrou, P., Meyer, BI., Galanopoulos, VK., Imai, K., Yanagi, M., Chowdhury, K., Scambler, PJ., Chalepakis, G.	Nat. Genet.	34	209-214
10	2002	Mutually regulated expression of Pax6 and Six3 and its implications for the Pax6 haploinsufficient lens phenotype.	Goudreau, G., Petrou, P., Reneker L. W, Graw, J., Loster, J., Gruss, P.	Proc. Natl. Acad. Sci. USA	99	8719-8724



**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	-	-	-	-	-

**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	2013-2016	Insights into the mechanisms of lysosomal glycogen transport and implications for Pompe disease	TELETHON	Principal Investigator



2	2019-2021	Linking glycogen metabolism and endoplasmic reticulum stress to obesity and diabetes through the glycogen-binding protein Stbd1	Research Promotion Foundation	Principal Investigator
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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-today	ERNDIM	National Representative for Cyprus	
2	2010-2014	European Cooperation in Science and Technology(COST)	Representative of Cyprus in the External Experts Panel	

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	-	-	-

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	-	-	-