



Academic Personnel Short Profile / Short CV

Institution:	The Cyprus Institute of Neurology and Genetics (CING)
Surname:	Christodoulou
Name:	Christiana
Rank/Position:	Faculty affiliated
Program of Study:	MSc in Molecular Medicine / 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: *	Neuroscience & Bioinformatics

**Field of Specialization*

Academic qualifications / (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2021	The Cyprus Institute of Neurology and Genetics	Neuroepidemiology and Bioinformatics Departments	Neurodegenerative markers in HD: Association with Clinical Characteristics, Triplet Expansion, Phenocopy and Mediterranean Diet adherence
MSc	2016	The Cyprus Institute of Neurology and Genetics	Neuroepidemiology Department	Normal values of median nerve cross section with ultrasonography in the Cypriot population'
BSc	2015	The University of Nicosia	Chemistry Department	Pomegranate and its many functional components as related to human health



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			
2021	Present	The Cyprus Institute of Neurology and Genetics	Cyprus	Associate Scientist
2020	Present	The Cyprus Institute of Neurology and Genetics	Cyprus	Clinical Study Coordinator
2017	2021	The Cyprus Institute of Neurology and Genetics	Cyprus	Research Assistant

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	Unravelling the transcriptomic signature of Parkinson's Diseases and Major Depression using single-cell and bulk data	Anna Onisiforou, Panos Zanos, Eleni Zamba Papanicolaou	<i>Frontiers in aging neuroscience</i>	(In publication)	
2	2023	Integrated bioinformatics analysis of shared genes, miRNAs, biological pathways and their	Eleni Zamba Papanicolaou	<i>International Journal of Molecular Science; SI: Huntington's Disease: New Frontiers in Therapeutics</i>	24	1-29

Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
		potential role as therapeutic targets in Huntington's Disease stages				
3	2023	Investigating the dietary intake using the CyFFQ semi-quantitative Food Frequency Questionnaire in Cypriot HD patients	Christiana A. Demetriou, Elena Philippou, Eleni Zamba Papanicolaou	<i>Nutrients</i>	15	1-20
4	2022	Pharmacological activation of the C5a receptor leads to stimulation of the beta-adrenergic receptor and alleviates cognitive impairment in a murine model of Alzheimer's disease	Eleni Fella, Revekka Papacharalambous, Demos Kynigopoulos, Maria Ioannou, Rita Derua, Myrto Stylianou, Christos Karaiskos, Alexia Kagiava, Petroula Gerasimou, Chryso Pierides, Maria Kyriakou, Laura Koumas, Pavlos Costeas, Elena Panagiotou	<i>Frontiers Immunology</i>	13	1-14
5	2021	Multi-omics data integration and network-based analysis drives a multiplex drugrepurposing approach to a shortlist of candidate drugs against COVID-19	Marios Tomazou, Marilene Bourdakou, George Minadakis, Margarita Zachariou, Anastasis Oulas, Evangelos Karatzas, Eleni M Loizidou, Andrea C. Kakouri,	<i>Briefings in Bioinformatics</i>	22	1-24

Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
			Kyriaki Savva, Maria Zanti, Anna Onisiforou, Sotiroula Afxenti, Jan Richter, Christina G Christodoulou, Theodoros Kyprianou, George Kolios, Nikolas Dietis, George M. Spyrou			
6	2020	Investigating the transition of pre-symptomatic to symptomatic Huntington's disease status based on omics data	Margarita Zachariou, Marios Tomazou, Evangelos Karatzas, Christiana A. Demetriou, Eleni Zamba Papanicolaou, George M. Spyrou	<i>International Journal of Molecular Science; SI: Systems Bioinformatics</i>	21	1-25
7	2020	Dietary intake, Mediterranean diet adherence and caloric intake in Huntington's disease: A review	Christiana A. Demetriou, Eleni Zamba Papanicolaou	<i>Nutrients</i>	12	1-25
8	2019	Revealing clusters of connected pathways through Multisource Data Integration in Huntington's Disease and Spastic Ataxia	Andrea C. Kakouri, Margarita Zachariou, Anastasis Oulas, George Minadakis, Christiana A. Demetriou, Christina Votsi, Eleni Zamba Papanicolaou, Kyproula	<i>IEEE</i>	23	26-37



Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
			Christodoulou, George M. Spyrou			
9		Untargeted metabolomics and pathway analysis on Greek-Cypriot HD patients.	Christiana A. Demetriou, Yiolanda Christou, George M. Spyrou, Eleni Zamba Papanicolaou	<i>Neurotherapeutics (Conference)</i>		
10	2019	Network based approaches to investigate the relationships of metabolites related to Huntington's disease with phenols in olive oil	Christiana A. Demetriou, Yiolanda Christou, George M. Spyrou, Eleni Zamba Papanicolaou	<i>Neurotherapeutics (Conference)</i>		

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	10 th -13 th June 2023	European Society of Human Genetics (ESHG)	International	Glasgow, Scotland	Attendee (Poster presentation)
2	16 th -18 th September 2022	European Huntington's Disease Network Plenary Meeting (EHDN)	International	Bologna, Italy	Attendee (Poster presentation)
3	18 th -20 th November 2022	9 th International Multi-thematic medical congress	Local	Nicosia, Cyprus	Attendee (Oral presentation)
4	7 th June 2021	Understanding Brain Cell Type Diversity	Local	Nicosia, Cyprus	Attendee

Ref. No.	Date	Topic	International / Local	Location*	Role in Exhibition
5	29 th -31 st October 2020	Huntington's Disease study group 2020: HD in focus	International	United States of America (on-line)	Attendee
6	7 th -8 th November 2019	Huntington's Disease study group 2019: Navigating HD	International	United States of America (on-line)	Attendee (Poster presentation)
7	28 th -30 st October 2019	IEEE BIBE	International	Athens, Greece	Attendee (Oral presentation)
8	25 th -27 th June 2019	Italian Proteomics Association	International	Catanzaro, Italy	Attendee (Poster presentation)
9	13 th -18 th June 2019	European Society of Human Genetics (ESHG)	International	Gothenburg, Sweden	Attendee (Poster presentation)
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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	Metabolites and the role of the Mediterranean Diet in Cypriot ATTR patients	Telethon-The Cyprus Institute of Neurology and Genetics	Co-PI
2	2023	COMFORTAGE “Monitoring and Personalized Recommendations for Prevention and Relief of Dementia and Frailty	EU Horizon Health	Research Team Member
3	2022	AI prognosis “Artificial Intelligence-based Parkinson’s Disease risk assessment and prognosis	EU Horizon Health	Research Team Member
4	2021	Untargeted proteomics analysis and proteomic profiling of Cypriot Huntington’s Disease (HD) patients	European Huntington’s Disease Network (EHDN) Seed Fund 2020	Co-PI
5				

**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	2023-Present	The Cyprus Institute of Neurology and Genetics	Member	Effective communication and promotion of activities related to ones department
2	2023-Present	Nature Publishing group	Peer-reviewer	Reviewing of academic manuscripts
3	2023-Present	BMC	Peer-reviewer	Reviewing of academic manuscripts
4	2022-Present	Huntington's Disease (HD) Association of Cyprus	Member	Promoting research related to HD, activities for HD awareness

**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	2019	Scholarship by the World Olive Centre for Health and A.G. Leventis Foundation	World Olive Centre for Health and A.G. Leventis Foundation
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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			
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