

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Xinaris
Name:	Christodoulos
Rank/Position:	Professor
Faculty:	Medical School
Department:	Basic and Clinical Sciences
Scientific Domain: *	Stem cell biology and regenerative medicine

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2007	National and Kapodistrian University of Athens	Medical School of Athens	N/A
BSc	2001	National and Kapodistrian University of Athens	Department of Biology	N/A

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2017	now	Istituto di Ricerche Farmacologiche Mario Negri IRCCS	Italy	Head, Laboratory of Organ Regeneration
2016	now	Medical School of the University of Nicosia	Cyprus	Professor / Project Coordinator
2010	2017	Istituto di Ricerche Farmacologiche Mario Negri IRCCS	Italy	Senior Researcher

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	2020	iPS, organoids and 3D models as advanced tools for in vitro toxicology.	Steimberg N, Bertero A, Chiono V, Dell'Era P, Di Angelantonio S, Hartung T, Perego S, Raimondi M, Caloni F, De Angelis I, Alloisio S, Baderna D.	ALTEX	37	136-140
2	2020	Lymphotoxin-Beta Receptor Signaling Is Crucial for the Vascularization of Transplanted Metanephros.	Brizi V	Am J Pathol	190	33-36
3	2020	Thyroid Hormone Signalling: From the Dawn of Life to the Bedside.	Mourouzis I, Lavecchia AM	J Mol Evol.	88	88-103
4	2019	Alteration of thyroid hormone signaling triggers the diabetes-induced pathological growth, remodeling, and dedifferentiation of podocytes.	Benedetti V, Lavecchia AM, Locatelli M, Brizi V, Corna D, Todeschini M, Novelli R, Benigni A, Zoja C, Remuzzi G	JCI Insight	4	E1302 49
5	2019	Engineering kidney tissues for polycystic kidney disease modeling and drug discovery.	Brizi V, Benedetti V, Lavecchia AM	Methods Cell Biol	153	113-132
6	2019	Organoids for replacement therapy: expectations, limitations and reality.	Xinaris C.	Curr Opin Organ Transplant.	555	561
7	2018	Engineered Kidney Tubules for Modeling Patient-Specific Diseases and Drug Discovery.	Benedetti V, Brizi V, Guida P, Tomasoni S, Ciampi O, Angeli E, Valbusa U, Benigni A, Remuzzi G	EBioMedicine	33	253-268

8	2016	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells.	Benedetti V, Novelli R, Abbate M, Rizzo P, Conti S, Tomasoni S, Corna D, Pozzobon M, Cavallotti D, Yokoo T, Morigi M, Benigni A, Remuzzi G	J Am Soc Nephrol	27	1400-11
9	2013	A novel strategy to enhance mesenchymal stem cell migration capacity and promote tissue repair in an injury specific fashion.	Morigi M, Benedetti V, Imberti B, Fabricio AS, Squarcina E, Benigni A, Gagliardini E, Remuzzi G.	Cell Transplant	22	423-36
10	2012	In vivo maturation of functional renal organoids formed from embryonic cell suspensions.	Benedetti V, Rizzo P, Abbate M, Corna D, Azzollini N, Conti S, Unbekandt M, Davies JA, Morigi M, Benigni A, Remuzzi G.	J Am Soc Nephrol	23	1857-68

**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	12-2019	Kidney regeneration: where we stand and where we can go?	International	Shenzhen, China	Invited Speaker
2	11-2019	A new perspective on the pathogenesis of diabetic nephropathy: changes in thyroid hormone signaling trigger diabetes-induced podocyte pathology	International	Washington DC, USA	Poster presentation
3	05-2019	Regenerating the kidney: stem cells, organoids and bio-engineered tissues	International	Milan, Italy	Invited Speaker
4	09-2018	Stem cells and Regenerative medicine: Prometheus unbound?	International	Cyprus	Invited Speaker
5	11-2016	Functional renal structures generated in organoids from amniotic stem cells	International	Chicago, USA	Invited Speaker
6	10-2016	Bio-engineering the kidney	Local	Milan, Italy	Invited Speaker
7	06-2016	Attempts to grow kidney organoids in vivo	International	Florence, Italy	Invited Speaker
8	09-2015	Collaboration opportunities between China research centers and Mario Negri Institute in kidney research	International	Guangzhou and Hong Kong, China	Invited Speaker
9	2014	In vivo maturation of functional renal organoids formed from embryonic cell suspensions	International	Amsterdam	Invited Speaker
10	11-2012	Engineering of vascularised nephrons from simple suspensions of single embryonic cells	International	San Diego, USA	Invited Speaker

** 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	2018-2020	Human induced pluripotent stem cells as in vitro model of podocyte development and Alport disease	Research Promotion Foundation (Cyprus)	Scientific/Project Coordinator
2	2020-2023	Regenerating the diabetic heart and kidney by using stress-specific thyroid hormone nanocarriers (REASON)	Joint Transnational Call for "European Innovative Research & Technological Development Projects in Nanomedicine (EuroNanoMed)	Scientific/Project Coordinator
3	2019-2021	Regenerating the diabetic heart and kidney	Persico Srl Grant	Scientific/Project Coordinator
4	2020	Testing the effect of lead compounds in engineered human polycystic kidney tubules	Industrial Partner	Scientific/Project Coordinator
5	2018-2019	In Vitro Differentiation of iPSCs into EPO - producing cells	Bellco/Medtronics	Scientific/Project Coordinator
6	2017-2019	Podocyte Fetal Reprogramming in Diabetic Nephropathy: the key role of thyroid hormone receptors	European Foundation for the Study of Diabetes (EFSD)	Scientific/Project Coordinator
7	2017-2019	Nephron - Microfluidics with Cellular and Extracellular Matrix Complexity	Industrial Partner	Work Package Leader
8	2016-2018	Engineering kidney tissue from human stem cells	Associazione per la Ricerca sul Diabete - Italia	Scientific/Project Coordinator

9	2011-2016	Dreaming of no more renal dialysis: how self-derived tissue and cells can replace renal function (RESET)	European Research Council	Research Team Member
10	2013-2014	Engineering kidney tissues from cell suspensions	Juvenile Diabetes Foundation, Italia	Scientific/Project Coordinator

**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	2019	European Commission – Horizon 2020	Member of the Expert Panel	Project Reviewing
2	2017-2020	European Research Council	Project Reviewer	Project Reviewing
3	2018-2020	Fundación Bancaria "la Caixa", Spain	Project Reviewer	Project Reviewing
4	2020	Medical Research Council, UK	Project Reviewer	Project Reviewing
5	2019	Agence Nationale de la Recherche, France	Project Reviewer	Project Reviewing

**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	2016	Knight of the order of the star of Italy (Cavaliere dell' ordine della stella d'Italia), for scientific and social merits	President of the Italian Republic Sergio Mattarella, Italy
2	2013	Scientist of the Year Award	Man of the Year Annual Awards, Cyprus
3	N/A	N/A	N/A
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**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	N/A	N/A	N/A
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