Dr Nicolas Perentos

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Perentos
Name:	Nikolas
Rank/Position:	Assistant Professor
Faculty:	School of Veterinary Medicine
Department:	
Scientific Domain:	Neuroscience

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Bachelor of Engineering	2005	RMIT University, Australia	Electrical and Electronic Engineering	
Doctor of Philosophy	2009	RMIT University, Australia	Electrical and Electronic Engineering	

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position

From	To			
2021	present	University of Nicosia	Nicosia, Cyprus	Senior Research Associate
2017	2020	Ludwig Maximilian University	Munich, Germany	Marie Curie Fellow
2010	2017	University of Cambridge	Cambridge, United Kingdom	Postdoctoral research fellow
2009	2010	Swinburne University of Technology	Melbourne, Australia	Research Associate

Key refereed journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	Deep brain electrophysiology in freely moving sheep	Nikolas Perentos, Marino Krstulovic, A. Jennifer Morton	Current Biology	32(Issue 4)	763-774.e4
2	2016	Techniques for chronic monitoring of brain activity in freely moving sheep using wireless EEG recording	Nicol AU, Martins AQ, Stewart JE, Taylor P, Morton AJ.	Journal of Neuroscience Methods	279	87-100
3	2016	An EEG Investigation of Sleep Homeostasis in Healthy and CLN5 Batten Disease Affected Sheep	Martins AQ, Cumming RJ, Mitchell NL, Palmer DN, Sawiak SJ, Morton AJ.	Journal of Neuroscience	36(31)	8238-49
4	2016	Automated detection and characterisation of rumination in sheep using in vivo electrophysiology	Nicol AU, Martins AQ, Morton AJ.	Physiology and Behavior	163	258-266

5	2015	Translational neurophysiology in sheep: measuring sleep and neurological dysfunction in CLN5 Batten disease affected sheep	Martins AQ, Watson TC, Bartsch U, Mitchell NL, Palmer DN, Jones MW, Morton AJ.	Brain	138(4)	862-74
6	2015	A mobile, high-throughput semi-automated system for testing cognition in large non-primate animal models of Huntington disease	McBride SD, Morton AJ.	Journal of Neuroscience Methods	265	25-33
7	2015	Understanding the concept of a reflective surface: can sheep improve navigational ability through the use of a mirror?	McBride SD, Morton AJ.	Animal Cognition	18(1)	361-71
8	2013	The alpha band of the resting electroencephalogram under pulsed and continuous radio frequency exposures	Croft RJ, McKenzie RJ, Cosic I.	IEEE Transactions in Biomededical Engineering	60(6)	1702-10
9	2008	Simulation of pulsed ELF magnetic fields generated by GSM mobile phone handsets for human electromagnetic bioeffects research	Iskra S, McKenzie RJ, Cosi I.	Physical and Engineering Sciences in Medicine	31(3)	235-42
10	2008	The effect of GSM- like ELF radiation on the alpha band of the human resting EEG	Croft RJ, McKenzie RJ, Cvetkovic D, Cosic I.	Annu Int Conf IEEE Eng Med Biol Soc.	2008	5680-3

Research Projects

Ref. Number	Date	Title	Funded by	Project Role*
1	2019-2020	1024 simultaneously recording channels for high-density intracortical brain mapping	Sirota lab/ IIT	Researcher
2	2017-2019	Disentangling amygdala contributions to replay-mediated, hippocampal-dependent memory consolidation	Marie-Skłodowska Curie Actions - Individual Fellowship	Awardee / Research Fellow
3	2019 -	An EEG logger for large animal applications	Open source project	Coordinator
4	2010- 2016	Developing sheep as a large animal model human brain function	CHDI Inc.	Research team member for
5	2005-2009	Investigating human brain function under mobile phone radiation	ACRBR	Research team member
Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2009-2010	GSMA	Researcher	Computational modelling and draft preparation for contribution to standards committee for nonionising radiation protection
2	2010-present	Various scientific journals	Reviewer	Manuscript peer reviewing