Marios Zouridakis, PhD

Research Staff Scientist
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Research	Structural studies of proteins (receptors and enzymes)
Keywords	Protein crystallization; protein/protein and protein/ligand interactions; nicotinic acetylcholine receptor; angiotensin-converting enzyme 2 receptor Short CV:
Links	PubMed: https://pubmed.ncbi.nlm.nih.gov/?term=Zouridakis+M&sort=date; Scholar: https://scholar.google.com/citations?user=lIWWueAAAAAJ; LinkedIn: https://www.linkedin.com/in/marios-zouridakis-34494071 Webpage: https://www.pasteur.gr/en/structural-neurobiology-research-group;

Biography

Marios Zouridakis received his B.Sc. in Biology from the Department of Biology of the University of Patras and his MSc and Ph.D. from the Departments of Chemistry and Pharmacy, respectively, of the same University. Then, for a period of 12 years, he conducted his post-doctoral research at the Hellenic Pasteur Institute mainly on the structure and function of several human neuronal nicotinic acetylcholine receptor subtypes, related to neurodegenerative diseases or disorders. He was in parallel appointed for a short period as temporary lecturer in Biochemistry at the Department of Pharmacy, University of Patras and at the Department of Biomedical Sciences, Technical University of Athens. Since 2021, he has been serving as Research Staff Scientist at the Hellenic Pasteur Institute, appointed as head of the newly established research group of Structural Neurobiology. His current research interests, apart from structural studies on neuronal nicotinic receptors, deal with structural and functional studies of the human angiotensin-converting enzyme 2 receptor and of the human tyrosinase. He has co-authorized more than 30 publications and his research has been funded by National, International and private organizations. Explore courses Please, add the course Ethics and Neuroscience Ethics And Neuroscience Coordinators Effy Vayena , Professor ETH Zurich, Associate Vice President for Digital Transformation & Governance, Chair of Bioethics, Health Ethics and Policy Lab Jeffrey Kahn , Andreas C Dracopoulos Director, and Levi Professor of Bioethics and Public Policy, Johns Hopkins Berman Institute of Bioethics Teaching hours and weekly schedule This is a 4th semester course of approximately 1.5 weeks that corresponds to 2 ECTs and 18 total hours of teaching. Course Description: Recent advances in neuroscience have considerably improved our understanding of brain function. However, the study of brain’s mysteries often intersects with ethical and public policy concerns. This course aims at presenting and discussing philosophical, societal and scientific perspectives on major bioethical issues pertinent to neuroscience research. Several subjects will be covered, including ethics and brain organoids, ethical issues in animal research in neuroscience, the effects of pharmacological and surgical interventions on the brain/mind, issues of consent for participation in neuroscience research, therapy versus enhancement, brain imaging and mental privacy, neurobiology of decision-making, consciousness, personhood, end-of-life management and death. Course Overview The course will present ethical issues in neuroscience research, controversies and arguments regarding neuroscience research involving both animal and human participants and the social implications of neuroscience research. Titles of lectures A/A Ethics and Neuroscience 1 The beginning of life and the brain - Moral status of the embryo and path to personhood 2 Ethics and brain organoids 3 Ethics and neuroscience research involving animals 4 Ethics and neuroscience research involving humans 5 Ethics and brain-altering drugs 6 Informed consent in neuroscience research and applications 7 Neuroscience and law 8 Personhood, person identity, and the social brain 9 Ethics, brain imaging, and mental privacy 10 Consciousness, unconsciousness, and death 11 Ethics and neurotechnology: implants, brain-machine interfaces, and engineering the brain 12 Film - Presentation of an ethics and neuroscience-related movie, followed by discussion L ecturers Effy Vayena Jeffrey Kahn Marcello Ienca ΣΤΑΤΙΣΤΙΚΑ