



Maria Panayotacopoulou, PhD

Professor Emeritus

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Research Perinatal hypoxia and brain catecholamine systems in the human neonate: consequences later in life.

Keywords Chemical and Molecular Neuroanatomy/ Human Brain Banking/ Perinatal hypoxia/ Dopaminergic neurons/ Glia/Development

Links PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=Panayotacopoulou+MT>
Scholar: https://scholar.google.com/scholar?start=0&q=Panayotacopoulou+MT&hl=el&as_sdt=0,5

Biography

Development Maria Panayotacopoulou received B.Sc. and PhD in Biology from the Department of Biology, in collaboration with Department of Psychiatry, University of Athens. With a fellowship from the European Science Foundation she was first specialized in Human Brain Banking and Immunohistochemistry in Department of Psychiatry, University of Geneva, Bel-Air Hospital. She then worked as Lecturer and Assistant Professor of Neurobiology in Department of Psychiatry, University of Athens and as Visiting Researcher for 15 years(intermittently)in the Netherlands Institute for Neurosciences, Amsterdam. Specialization in Chemical and Molecular Neuroanatomy of the human brain. Summer schools on: Molecular Neurobiology, The Human Hypothalamus in Health and Disease, Morphometry in Neurobiology, Hypothalamic Integration of Circadian Rhythms, Degeneration and regeneration of the nervous system, Cognition, Emotion, Autonomic Responses, Plasticity in the adult brain, Hypothalamic Integration of Energy Metabolism. Her postdoc research has been focused on the induction of tyrosine hydroxylase under stress conditions in the adult and neonatal human brain. She joined again the Athens Medical School as Associate Professor and finally, Professor of Neurobiology and retired in 2020. Maria Panayotacopoulou has been a founding member of the Greek Society for Neuroscience and has a significant contribution to the efforts to raise public awareness in Neuroscience. She organized seminars for the Public on “Brain and Mental Health”, “Brain and Behavior”, “Neurobiology of Stress”, “Brain and Alzheimer’s Disease”, etc. Recently, she was involved in the organization and teaching of the “Neuroanatomy” course, of the Athens International Master’s Programme in Neurosciences and participated to many other postgraduate courses of the Athens Medical School.