



Ioannis Sotiropoulos, PhD

Researcher C – Group leader

Institute of Biosciences & Applications, NCSR Demokritos

E-mail ioannis@bio.demokritos.gr

Telephone 2106593588

Research Monitoring the a) molecular mechanisms through which chronic stress and exosome contribute to Alzheimer's disease and depression

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Links PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=Sotiropoulos+I&sort=date>
Scholar: <https://scholar.google.gr/citations?user=CgKMxqAAAAAJ&hl=el>
Webpage: <http://bio.demokritos.gr/en/main-researchers>

Biography

Dr. Ioannis Sotiropoulos is a Researcher C - Group leader at the Institute of Biosciences & Applications, NCSR "Demokritos", Greece & Affiliated Researcher, ICVS Institute, Medical School, University of Minho, Portugal. His research work focuses on understanding the orchestrating role of environmental risk factors (e.g., chronic, lifetime stress) on the onset of Alzheimer's disease (AD) with a specific focus on the relationship between AD and depression, a stress-related disorder. Combining cell-, animal- and human-based studies, Dr. Sotiropoulos' work aims to clarify the diverse factors that regulate the role of Tau as a key molecule of neuroplasticity and neuropathology while his recent work focuses on exosomes as both mediators of brain pathology and potent brain biomarkers. He has previously trained and worked at Max Planck Institute of Psychiatry (Germany), Columbia University (USA), RIKEN-Brain Science Institute (Japan), University College London (UCL) & MRC Center for Synaptic Plasticity (UK), and Medical School of University of Minho (Portugal). He has received different prizes & awards e.g., Hirnliga Alzheimer Award 2009, AD/PD Young Faculty 2014 Award, Jerome Lejeune 2017 Award, Janssen Innovation Award 2017, Alzheimer Association Award for Best Mentor in Neuroscience 2021. He is an active member of the Hellenic Initiative Against Alzheimer's Disease (HIAAD.gr), a network of basic and clinical scientists promoting translational and clinical research as well as Alzheimer's disease daycare centers in Greece. He is an co-editor and co-author of a book about Alzheimer's disease for the general audience entitled "■τ αν η λογικ■ κυνη■ει την μν■μη " Crete University Press (2021).