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Research Neurobiology of Neurodegenerative Tauopathies

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Links PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=papanikolopoulou+k&sort=date&size=200>
Scholar: <https://scholar.google.com/citations?user=QO-8OTAAAAAJ&hl=en&oi=ao>
LinkedIn: <https://www.linkedin.com/in/katerina-papanikolopoulou-33245b44/>
Webpage: <https://www.fleming.gr/research/ifbr/researchers/papanikolopoulou-lab>

Biography

Katerina Papanikolopoulou received her B.Sc. in Chemistry from the University of Athens (2000) and completed a Master's in Structural Biology at Joseph Fourier University, Grenoble (2001). She earned her Ph.D. from the Institut de Biologie Structurale (IBS), studying protein folding and amyloid aggregation mechanisms. In 2004, she joined the University of Crete as a Temporary Lecturer and later worked as a Visiting Scientist at MIT (2005). From 2006 to 2016, she conducted postdoctoral research at the Biomedical Sciences Research Center (BSRC) "Alexander Fleming," where she studied Tau protein aggregation and neurodegeneration using Drosophila models. Since 2017, she has been an Associate Researcher at BSRC "Alexander Fleming," leading a research group investigating the molecular mechanisms of Tau toxicity and proteostasis in neurodegenerative diseases. Her work has resulted in over 30 peer-reviewed publications and has been supported by grants from the Stavros Niarchos Foundation, Fondation Sante and the Hellenic Foundation for Research and Innovation. Dr. Papanikolopoulou has been invited to present her research at international conferences and has contributed to the field through mentorship and collaborations. George Paraskevas, MD, PhD