



Dr. Dimitra Thomaidou is Research Director in Hellenic Pasteur Institute (HPI) Neurobiology Department and Scientific Responsible of HPI's Light Microscopy Unit (LMU). DT has 25 years of experience in Neuroscience and Neuroimaging with her research focusing on adult neurogenesis and Neural Stem Cell biology. The current research interests of her group are centered around the exploitation of the mechanism of action of novel genes/ miRNAs in instructing direct neurogenic reprogramming of astrocytes *in vitro* and *in vivo* in animal models of neurodegeneration / neuroinflammation. To this end, she has introduced live cell imaging approaches to follow the lineage and properties of reprogrammed cells *in vitro* and 2-photon intravital

brain imaging to *in vivo* explore astroglia/microglia activation following brain injury and neuroinflammation. As Head of LMU, DT has played an instrumental role in the establishment of the Unit and development of state-of-the-art imaging approaches. Her publication record consists of 68 articles, 41 of them in peer-reviewed high impact factor journals, among which J. Neuroscience, JBC, Cell Reports, Stem Cell Reports, PNAS and Brain.