

CURRICULUM VITAE

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EDUCATION

- **Undergraduate Studies:** Faculty of Biology, School of Science, National and Kapodistrian University of Athens (NKUA), Greece (1989)
- **Post-graduate Studies:** PhD in Neuropathology, Research Unit of Histochemistry and Electron Microscopy, 1st Department of Psychiatry, Medical School, NKUA, Greece (1999)

PROFESSIONAL STATUS

- Laboratory Teaching Staff, Medical School, NKUA
- Research Associate of the Laboratory of Histochemistry and Electron Microscopy, 1st Department of Psychiatry, Medical School, NKUA)

DESCRIPTION OF WORK (EXPERIENCE)

- Tissue Processing for Light and Electron Microscopy: Embedding, Sectioning (Paraffin-microtome-Cryostat-Vibratome-ultramicrotome)
- Histochemical, Immunohistochemical and immunofluorescent techniques for bright-field and fluorescent microscope
- Immunohistochemical methods for Transmission Electron Microscopy (pre/post embedding methods – single and double colloidal gold labeling techniques)
- Teaching under-graduate students in laboratory courses on Biology and Histology (Medical School)
- Teaching post-graduate students in “The contribution of Electron Microscopy in the study of the nervous system”, within the courses of “Chemical and Molecular Neuroanatomy”

RESEARCH INTERESTS

- The effect of perinatal hypoxia on the catecholaminergic systems of the neonatal human brain and its contribution to the etiopathology of neuropsychiatric disorders later in life, in collaboration with the Laboratory of Neurobiology and Histology of the University Mental Health Research Institute, Athens, Greece.
- Chromatin and histone modifications in peripheral blood leukocytes of patients with psychiatric disorders, in collaboration with the Psychiatric Clinics of Eginition Hospital and “Nuclear Proteins and Chromatin Function Laboratory”, Institute of Biosciences & Applications, NCSR “Demokritos”.
- Ultrastructural changes in diseased muscles (inherited and acquired neuromuscular diseases), in collaboration with the Laboratory of Muscles Diseases and Neuromuscular Unit of Eginition Hospital, Medical School, NKUA.

SELECTED PUBLICATIONS

1. Pagida MA, Konstantinidou AE, **Chrysanthou-Piterou MA**, Patsouris ES, Panayotacopoulou MT (2020). Apoptotic Markers in the Midbrain of the Human Neonate After Perinatal Hypoxic/Ischemic Injury. *J Neuropathol Exp Neurol* 1;79(1):86-101.
2. Papadimas GK, Kokkinis C, Xirou S, **Chrysanthou M**, Kararizou E, Papadopoulos C (2019). Polymyositis with mitochondrial pathology or atypical form of sporadic inclusion body myositis: case series and review of the literature. *Rheumatol Int* 39(8):1459-1466.
3. Terzenidou ME, Segklia A, Kano T, Papastefanaki F, Karakostas A, Charalambous M, Ioakeimidis F, Papadaki M, Kloukina I, **Chrysanthou-Piterou M**, Samiotaki M, Panayotou G, Matsas R, Douni E (2017). Novel insights into SLC25A46-related pathologies in a genetic mouse model. *Plos Genetics* PMID: 28376086.
4. Xilouri M, Brekk OR, Polissidis A, **Chrysanthou-Piterou M**, Kloukina I, Stefanis L (2016). Impairment of chaperon-mediated autophagy induces dopaminergic neurodegeneration in rats. *Autophagy* 12(11):2230-22479.
5. **Chrysanthou Piterou M**, Kloukina-Pantazidou I, Havaki S, Issidorides- Radovitch M, Liappas J (2014). Chromatin Alterations and Linker Histone H1 of peripheral blood leukocytes in alcohol-dependent individuals. *In Vivo* 28:529-540.