

<p>Personal details and contact information</p>	<p style="text-align: center;"><b>Ioannis A. MAVROUDIS</b></p> <p style="text-align: center;"><b>Dip.C CFM MD PhD FRCP CIC</b></p> <p style="text-align: center;"><b>Consultant Neurologist and Honorary Senior Lecturer</b></p> <p style="text-align: center;"><a href="mailto:i.mavroudis@nhs.net">i.mavroudis@nhs.net</a></p> <p style="text-align: center;"><a href="mailto:ioannis.mavroudis@gmail.com">ioannis.mavroudis@gmail.com</a></p> <p style="text-align: center;">3A Primley Park Crescent, Leeds, UK, LS17 7HY</p>
<p>Registrations</p>	<p><b>2016:</b> Registration as a Medical Practitioner with Specialist Registration. GMC Reference number: 7123291</p> <p><b>2009:</b> Medical Association of Thessaloniki, Greece. Register No. 18897</p>
<p>Memberships</p>	<p><b>2023:</b> Elected member of Sigma Xi, The Scientific Research Honor Society</p> <p><b>2023:</b> Elected member of the American Academy of Neurology</p> <p><b>2022:</b> Fellow of the Royal College of Physicians, London, UK</p> <p><b>2022:</b> European Academy of Neurology</p> <p><b>2021:</b> Association of British Neurologists</p> <p><b>2017:</b> British Neuropathological Association</p> <p><b>2016:</b> Royal College of Pathologists</p> <p><b>2015:</b> Member of the Hellenic Neurological Society</p> <p><b>2013:</b> Member of the American Association for the Advancement of Science (AAAS number: 40707784)</p>
<p>Certificates and Qualifications</p>	<p><b>2022:</b> Credentialed Impact Consultant, recognised leader of a multidisciplinary concussion management team.</p> <p><b>2022:</b> Certification of Completion of the Post-graduate course in Forensic Medicine</p> <p><b>2021:</b> Diploma in Criminology. Centre of Excellence</p> <p><b>2017:</b> Participated in the National Neuropathology External Quality Assessment Scheme, including circulations EQA 48 and 49</p>

	<p><b>2015:</b> Certificate of Completion of Specialty Training in Neurology</p> <p><b>2013:</b> PhD in Neurology and Neuromorphology</p> <p><b>2012:</b> Good Clinical Practice and Regulatory Requirements for Clinical Trials, Cambridge University Hospitals, NHS Foundation Trust</p> <p><b>2004:</b> License to Practice as a Medical Doctor, Protocol Number: 10/4379</p> <p><b>2004:</b> Medical degree from the Aristotle University of Thessaloniki,</p>
<p><b>Employment history</b></p>	<p><b>2017-Today:</b> Consultant Neurologist, Leeds General Infirmary, Leeds, UK with special interest in traumatic brain injuries and cognitive disorders</p> <p><b>2020 - Today:</b> Honorary Senior Lecturer, Leeds University, Faculty of Medicine</p> <p><b>2019 – Today:</b> Expert witness services. I have completed more than 700 reports for medicolegal cases, and I have given evidence to the Court</p> <p><b>2021:</b> Visiting As. Professor of Neurology, Aristotle University of Thessaloniki, Greece</p> <p><b>2018-2019:</b> Visiting Assistant Professor of Neurology, University of Cyprus</p> <p><b>2016- 2017:</b> Visiting Lecturer, University of Leeds, School of Medicine, Institute of Cancer and Pathology, Leeds, UK</p> <p><b>2016-2017:</b> Specialty Registrar in Diagnostic Neuropathology, Saint James's Hospital, Leeds, UK</p> <p><b>2016:</b> Specialist Registrar in Neurology, Aberdeen Royal Infirmary Hospital, Aberdeen, Scotland, UK</p> <p><b>2011- 2016:</b> Resident in Neurology, 3rd Department of Neurology, General Hospital “G. Papanikolaou”, Aristotle University of Thessaloniki, Greece.</p> <p><b>2010-2011:</b> Resident in Psychiatry, Department of Psychiatry, General Hospital “G. Papanikolaou, Thessaloniki, Greece</p> <p><b>2009-2010:</b> Resident in Internal Medicine, Department of General Medicine, Psychiatric Hospital of Thessaloniki</p> <p><b>2007-2008:</b> Served as a medical doctor in the Greek Army</p>

	<p><b>2006:</b> Resident in General Surgery, Department of General Surgery, General Hospital of Polygyros, Halkidiki, Greece</p> <p><b>2005-2006:</b> Served as General Practitioner in the Health Center of Agios Nikolaos, Halkidiki, Greece</p>
<b>Research Experience</b>	<p><b>2020-Today:</b> Head of research and innovation on research on MND, TBI and FND</p> <p><b>2016-Today:</b> Principal investigator for multiple clinical studies</p> <p><b>2013-2015:</b> Post-Doc Research Fellow, Laboratory of Neuropathology and Electron Microscopy, Aristotle University of Thessaloniki, Greece</p> <p><b>2005-2013:</b> Research Fellow, Laboratory of Neuropathology and Electron Microscopy, Aristotle University of Thessaloniki, Greece</p>
<b>Collaborations</b>	<p><b>2016:</b> Laboratory of Translational Neurosciences, University of Aberdeen, UK</p> <p><b>2009-Today:</b> Universitatea Alexandru Ioan Cuza Iasi, Facultatea de Biologie, Laboratorul de Fiziologie animală, B 129, Romania</p> <p><b>2006-2015:</b> Laboratory of Forensic Medicine and Toxicology, Aristotle University of Thessaloniki, Greece</p>
<b>Honours and Awards</b>	<p><b>2023:</b> Clinical Excellence Award, Leeds Teaching Hospitals, NHS Trust</p> <p><b>2022:</b> Clinical Excellence Award, Leeds Teaching Hospitals, NHS Trust</p> <p><b>2018:</b> Appointed as an Honorary International Member of the Romanian Academy of Science</p> <p><b>2017:</b> 12000 GBP Grant for the program HEE Genomics Education Programme Health Education, West Midlands</p> <p><b>2013:</b> Participated in the AAAS/ Science Program for Excellence in Science and rewarded with a two-year sponsored subscription to the digital version of Science magazine and AAAS Membership</p> <p><b>2011:</b> First Poster Prize in the 9th International Congress for the Amelioration of the Quality of Life in Chronic Neurological Diseases, Athens 27-30 January 2011, for the poster titled «Morphological and morphometric alterations</p>

	<p>of the neurons of Edinger and Westphal nucleus in Alzheimer's disease»</p> <p><b>2011:</b> Who is Who in Medicine and Healthcare 2011-2012 (8th Edition) published in October 2011</p> <p><b>2009:</b> First Poster Prize in the 7 th International Congress for the Amelioration of the Quality of Life in Chronic Neurological Diseases, Thessaloniki 29 th of January- 2 nd of February 2009, for the poster titled «Vascular Pathology is Related to Neurofibrillary Degeneration and Synaptic Loss in Alzheimer's disease»</p> <p><b>2008:</b> First Poster Prize in the 1 st Greek Nationwide Congress on the Medical and Social amelioration of Dementias, Litochoro Pierias 10-12 October 2008, for the poster titled «Dendritic and alterations of the human Visual cortex in Alzheimer's disease»</p> <p><b>2008:</b> First Poster Prize in the 6th International Congress on the Improvement of the Quality of Life on Dementia, Parkinson's disease, Epilepsy, MS and Muscular disorders Marseille France 26-30 January 2008, for the poster titled «Morphological changes of the human Purkinje cells and deposition of neuritic plaques and neurofibrillary tangles of the cerebellar cortex in Alzheimer's disease»</p>
<p><b>Education and Training</b></p>	<p><b>2018:</b> Certificate of Participation to educational supervisors training</p> <p><b>2016:</b> How to Teach and Learn, August 2016, Venue: Leeds Institute of Pathology (LIMM, Leeds University)</p> <p><b>2013 - 2014:</b> Post-Graduate Seminars in Neurology by Professor SJ Baloyannis, Institute for Alzheimer's disease research, Heraklion Langada, Greece</p> <p><b>2009-2013:</b> PhD in Neuromorphology, Laboratory of Neuropathology and Electron Microscopy, Aristotle University of Thessaloniki, Greece. Thesis: The Cytoarchitecture of Colliculi, Geniculate bodies, Visual and Acoustic cortex in normal ageing and In Alzheimer's disease. Supervisor: Professor S.J. Baloyannis, Accepted with Highest Honours (Maxima Cum Laude)</p> <p><b>2012:</b> Educational Seminars on Clinical Trials in Neurology, Cambridge University Hospitals, NHS Foundation Trust and Institute for Prevention, Education and Research for Neurological Diseases</p>

	<p><b>1998-2004:</b> School of Medicine, Aristotle University of Thessaloniki, Greece</p>
<p><b>Teaching Experience</b></p>	<p><b>2023:</b> Teaching at the post-graduate degree on Neurosciences at Aristotle University of Thessaloniki, Greece</p> <p><b>2021:</b> Teaching Neurology at Aristotle University of Thessaloniki, Greece</p> <p><b>2019-2020:</b> Teaching Neurology at Cyprus University</p> <p><b>2018:</b> Teaching functional neuroanatomy, muscle biopsies and muscle diseases and neurology in pregnancy, Department of Neurology, Leeds General Infirmary, Leeds, UK</p> <p><b>2016-2017:</b> Teaching the Course Mechanisms of Disease, University of Leeds, School of Medicine, Institute of Cancer and Pathology, Leeds, UK</p> <p><b>2007-2015:</b> Brain Sectioning, Neuropathology and Neuromorphology methods, Laboratory of Neuropathology and Electron Microscopy, Aristotle University of Thessaloniki, Greece</p> <p><b>2011-2012 and 2012-2013:</b> Neurology and Psychiatry at the Nursing School of G Hospital G. Papanikolaou, Thessaloniki, Greece</p> <p><b>2012:</b> Brain Sectioning and Neuropsychology at the School of Psychology, Aristotle University of Thessaloniki, Greece</p> <p><b>2009-2011:</b> Neuroscience and Biochemistry at the Private Educational Organization Learn-It, Thessaloniki, Greece</p>
<p><b>Audits and Poster Presentations</b></p>	<p>Invited Lecture on Neuropathology and Imaging of Essential Tremor, Academic Meetings, Department of Neuroscience, Leeds, UK</p> <p>Invited Lecture on Silver staining methods in Neurocytology; Institute of Medical Sciences, University of Aberdeen, UK</p> <p>Invited speaker at the International Conference on Humanities and Social Sciences Today. Classical and Contemporary Issues, by the Romanian Academy, May 2015 Iasi, Romania</p> <p>Chairperson in the 2nd Congress on Controversies in Neurology, October 2008, Athens, Greece</p>

	<p>Multiple Audits in Greece Nationwide congresses</p> <p>Multiple Poster Presentations in Greece Nationwide and International Congresses</p>
<b>Reviewer in Medical Journals</b>	<ol style="list-style-type: none"> <li>1. Annals of Neurology</li> <li>2. Brain Research</li> <li>3. American Journal of Alzheimer's disease and other Dementias</li> <li>4. Folia Neuropathologica</li> <li>5. Journal of Applied Neurobiology</li> <li>6. International Journal of Neuroscience</li> <li>7. Psychiatria Danubina</li> <li>8. Neural Regeneration Research</li> <li>9. Current Alzheimer Research</li> <li>10. JSM Schizophrenia</li> <li>11. Journal of Neuroscience Methods</li> <li>12. Current updates in Aging</li> <li>13. Frontiers Aging Neuroscience</li> <li>14. Journal of Mood Disorders and Therapy</li> <li>15. Brain and Behaviour</li> <li>16. European Journal of Neurology</li> <li>17. Nutrients</li> <li>18. BMJ Geriatrics</li> </ol>
<b>Editorial Boards Memberships</b>	<ol style="list-style-type: none"> <li>1. SRL Alzheimer's &amp; Parkinson's Disease journal</li> <li>2. ARC Journal of Neuroscience (AJNS)</li> <li>3. Annals of the Academy of Romanian Scientists</li> <li>4. Current Updates in Aging</li> <li>5. Adolescent Psychiatry (APS)</li> <li>6. EC neurology</li> <li>7. American Research Journal of Neurology</li> <li>8. Diagnostics</li> </ol>
<b>Peer Reviewed Publications</b>	<ol style="list-style-type: none"> <li>1. Mavroudis, I.; Jabeen, S.; Balmus, I.M.; Ciobica, A.; Burlui, V.; Romila, L.; Iordache, A. Exploring the Potential of Exosomal Biomarkers in Mild Traumatic Brain Injury and</li> </ol>

- 
- Post-Concussion Syndrome: A Systematic Review. *J. Pers. Med.* 2024, 14, 35. <https://doi.org/10.3390/jpm14010035>
2. Khan, N.; Romila, L.; Ciobica, A.; Burlui, V.; Kamal, F.Z.; Mavroudis, I. Mild Traumatic Brain Injury as a Risk Factor for Parkinsonism, Tics, and Akathisia: A Systematic Review and Meta-Analysis. *Life* 2024, 14, 32. <https://doi.org/10.3390/life14010032>
  3. Mavroudis, I.; Balmus, I.-M.; Ciobica, A.; Nicoara, M.N.; Luca, A.C.; Palade, D.O. The Role of Microglial Exosomes and miR-124-3p in Neuroinflammation and Neuronal Repair after Traumatic Brain Injury. *Life* 2023, 13, 1924.
  4. Mavroudis I, Balmus IM, Ciobica A. Brain Function: Free Energy, Predictive Processing and Active Inference. *Academy of Romanian Scientists, Annals Series on Biological Sciences, Copyright ©2023 Academy of Romanian Scientists, Volume 12, No. 1, 2023, pp. 108-110*
  5. Mavroudis I, Balmus IM, Ciobica A. Traumatic brain injury and criminal behaviour. *Academy of Romanian Scientists, Annals Series on Biological Sciences, Copyright ©2023 Academy of Romanian Scientists, Volume 12, No. 1, 2023, pp. 111-117*
  6. Povici Alexandru Cristian, Cimpeanu Mirela, Mavroudis Ioannis, Cimpeanu Cristian Sorin, Ciobica Alin, Iordache Alin. Describing some general aspects on the anatomoneuropathology, neuropsychological assessment and some genetics of Glioblastoma Multiforme *Annals Series on Biological Sciences, Copyright ©2023 Academy of Romanian Scientists, Volume 12, No. 1, 2023, pp. 95-107*
  7. Mavroudis I, Petridis F, Balmus IM, Ciobica A, Gorgan DL, Luca AC. Review on the Role of Salivary Biomarkers in the Diagnosis of Mild Traumatic Brain Injury and Post-Concussion Syndrome. *Diagnostics (Basel)*. 2023 Apr 7;13(8):1367.
  8. Rarinca Viorica, Nicoara Mircea, Ciobica Alin, Mavroudis Ioannis. A Short Editorial View on the Relevance of Exosomes in some Neuropsychiatric Manifestations - Model Studies. *Academy of Romanian Scientists Annals Series on Biological Sciences Copyright ©2022 Academy of Romanian Scientists Volume 11, No. 2, 2022*
  9. Mavroudis I, Balmus IM, Ciobica A, Luca AC, Gorgan DL, Dobrin I, Gurzu IL. A Review of the Most Recent Clinical and Neuropathological Criteria for Chronic Traumatic Encephalopathy. *Healthcare (Basel)*. 2023 Jun 8;11(12):1689.
-

10. Mavroudis I, Ciobica A, Luca AC, Balmus IM. Post-Traumatic Headache: A Review of Prevalence, Clinical Features, Risk Factors, and Treatment Strategies. *J Clin Med*. 2023 Jun 23;12(13):4233.
11. Fernandes L, Maguire M, Igra MS, Mavroudis I, Cosgrove J. Adult-onset leukoencephalopathy with calcifications and cysts. *Pract Neurol*. 2023 Jun;23(3):251-252.
12. Mavroudis I, Chatzikonstantinou S, Petridis F, Palade OD, Ciobica A, Balmus IM. Functional Overlay Model of Persistent Post-Concussion Syndrome. *Brain Sci*. 2023 Jul 4;13(7):1028. doi: 10.3390/brainsci13071028.
13. Kamal FZ, Lefter R, Mihai CT, Farah H, Ciobica A, Ali A, Radu I, Mavroudis I, Ech-Chahad A. Chemical Composition, Antioxidant and Antiproliferative Activities of *Taraxacum officinale* Essential Oil. *Molecules*. 2022 Oct 1;27(19):6477. doi: 10.3390/molecules27196477.
14. Ilie OD, Duta R, Jijie R, Nita IB, Nicoara M, Faggio C, Dobrin R, Mavroudis I, Ciobica A, Doroftei B. Assessing Anti-Social and Aggressive Behavior in a Zebrafish (*Danio rerio*) Model of Parkinson's Disease Chronically Exposed to Rotenone. *Brain Sci*. 2022 Jul 8;12(7):898.
15. Mavroudis I, Balmus IM, Ciobica A, Luca AC, Chowdhury R, Iordache AC, Gorgan DL, Radu I. Mini-Review on the Harlequin Syndrome-A Rare Dysautonomic Manifestation Requiring Attention. *Medicina (Kaunas)*. 2022 Jul 15;58(7):938.
16. Mavroudis I, Kazis D, Chowdhury R, Petridis F, Costa V, Balmus IM, Ciobica A, Luca AC, Radu I, Dobrin RP, Baloyannis S. Post-Concussion Syndrome and Chronic Traumatic Encephalopathy: Narrative Review on the Neuropathology, Neuroimaging and Fluid Biomarkers. *Diagnostics (Basel)*. 2022 Mar 18;12(3):740.
17. Mavroudis I, Kazis D, Petridis F, Chatzikonstantinou S, Karantali E, Njau SN, Costa V, Ciobica A, Trus C, Balmus IM, Baloyannis SJ. Morphological and morphometric changes in the Purkinje cells of patients with essential tremor. *Exp Ther Med*. 2022 Feb;23(2):167.
18. Lefter R, Cojocariu RO, Ciobica A, Balmus IM, Mavroudis I, Kis A. Interactions between Sleep and Emotions in Humans and Animal Models. *Medicina (Kaunas)*. 2022 Feb 11;58(2):274.
19. Ioannis Mavroudis Dimitrios Kazis Foivos Petridis Simela Chatzikonstantinou Eleni Karantali Samuel N. Njau Vasiliki Costa Alin Ciobica Constantin Trus Ioana Miruna Balmus Stavros J. Baloyannis. Morphological and



---

morphometric changes in the Purkinje cells of patients with essential tremor. *Experimental and Therapeutic Medicine*. February-2022, Volume 23 Issue 2

20. Mavroudis, I.; Chowdhury, R.; Petridis, F.; Karantali, E.; Chatzikonstantinou, S.; Balmus, I.; Luca, I.; Ciobica, A.; Kazis, D. YKL-40 as a Potential Biomarker for the Differential Diagnosis of Alzheimer's Disease. *Medicina* 2022, 58(1), 60;

21. Mavroudis I, Petrides F, Karantali E, Chatzikonstantinou S, McKenna J, Ciobica A, Iordache AC, Dobrin R, Trus C, Kazis D. A Voxel-Wise Meta-Analysis on the Cerebellum in Essential Tremor. *Medicina (Kaunas)*. 2021 Mar 14;57(3):264.

22. Karantali E, Kazis D, Papavasileiou V, Prevezianou A, Chatzikonstantinou S, Petridis F, McKenna J, Luca AC, Trus C, Ciobica A, Mavroudis I. Serum BDNF Levels in Acute Stroke: A Systematic Review and Meta-Analysis. *Medicina (Kaunas)*. 2021 Mar 22;57(3):297.

23. Chatzikonstantinou, S., Gioula, G., Kimiskidis, V.K., McKenna, J., Mavroudis, I. and Kazis, D. (2021), The Gut Microbiome in Drug-resistant Epilepsy. *Epilepsia Open*. <https://doi.org/10.1002/epi4.12461>

24. Ioannis Mavroudis, Foivos Petridis, Dimitrios Kazis, Samuel Njau, Vasiliki Costa, Stavros Baloyanis. Dendritic, Spinal and Mitochondrial Alteration in Alzheimer's Disease. A preliminary descriptive study. *Academy of Romanian Scientists, Annals Series on Biological Sciences, Volume 9, No. 2, 2020, pp. 43 - 49*

25. Ilie, O.-D.; Ciobica, A.; Riga, S.; Dhunna, N.; McKenna, J.; Mavroudis, I.; Doroftei, B.; Ciobanu, A.-M.; Riga, D. Mini-Review on Lipofuscin and Aging: Focusing on The Molecular Interface, The Biological Recycling Mechanism, Oxidative Stress, and The Gut-Brain Axis Functionality. *Medicina* 2020, 56, 626.

26. Ilie OD, Cojocariu RO, Ciobica A, Timofte SI, Mavroudis I, Doroftei B. Forecasting the Spreading of COVID-19 across Nine Countries from Europe, Asia, and the American Continents Using the ARIMA Models. *Microorganisms*. 2020 Jul 30;8(8):E1158. doi: 10.3390/microorganisms8081158.

27. Simionescu G, Ilie OD, Ciobica A, Doroftei B, Maftai R, Grab D, McKenna J, Dhunna N, Mavroudis I, Anton E. Mini-Review on the Possible Interconnections between the Gut-Brain Axis and the Infertility-Related Neuropsychiatric Comorbidities. *Brain Sci*. 2020 Jun 17;10(6):E384.

---

- 
28. Mavroudis I, Petridis F, Kazis D. Inclusion Body Myositis. Genetics, Biomarkers and Muscle Biopsy. *Int J Neurosci.* 2020 May 4:1-10.
  29. Mavroudis I, Petridis F, Chatzikonstantinou S, Kazis D. Alpha-synuclein Levels in the Differential Diagnosis of Lewy Bodies Dementia and Other Neurodegenerative Disorders: A Meta-analysis. *Alzheimer Dis Assoc Disord.* 2020 Apr 24.
  30. Chatzikonstantinou S, McKenna J, Karantali E, Petridis F, Kazis D, Mavroudis I. Electroencephalogram in dementia with Lewy bodies: a systematic review. *Aging Clin Exp Res.* 2020 May 7.
  31. Karantali E, Kazis D, Chatzikonstantinou S, Petridis F, Mavroudis I. The role of neurofilament light chain in frontotemporal dementia: a meta-analysis. *Aging Clin Exp Res.* 2020 Apr 18.
  32. Ilie OD, Ciobica A, McKenna J, Doroftei B, Mavroudis I. Mini-review on the relations between gut microflora and Parkinson's disease - further biochemical (oxidative stress), inflammatory and neurological particularities. *Oxid Med Cell Longev.* 2020 Feb 5;2020:4518023. doi: 10.1155/2020/4518023. eCollection 2020.
  33. Mavroudis I, Petridis F, Chatzikonstantinou S, McKenna K, Karantali E, Kazis D. The Role of Astrocytes in Alzheimer's Disease, *Academy of Romanian Scientists Annals - Series on Biological Sciences, Vol. 9, No.1, (2020) 65*
  34. Mavroudis IA, Petridis F, Chatzikonstantinou S, Karantali E, Kazis D. A meta-analysis on the levels of VILIP-1 in the CSF of Alzheimer's disease compared to normal controls and other neurodegenerative conditions [published online ahead of print, 2020 Jan 14]. *Aging Clin Exp Res.* 2020
  35. Mavroudis I. Cerebellar pathology in Alzheimer's disease. *Hell J Nucl Med.* 2019 Jan-Apr;22 Suppl:174-179.
  36. Mavroudis IA, Petridis F, Chatzikonstantinou S, Kazis D. A meta-analysis on CSF neurogranin levels for the diagnosis of Alzheimer's disease and mild cognitive impairment [published online ahead of print, 2019 Aug 28]. *Aging Clin Exp Res.* 2019
  37. Mavroudis I, Petridis F, Kazis D. Cerebrospinal Fluid, Imaging, and Physiological Biomarkers in Dementia With Lewy Bodies. *Am J Alzheimers Dis Other Demen.* 2019;34(7-8):421-432
  38. Mavroudis I, Petridis F, Kazis D, Njau SN, Costa V, Baloyannis SJ. Purkinje Cells Pathology in Alzheimer's Disease. *Am J Alzheimers Dis Other Demen.* 2019 Jun 30
-

- 
39. Mavroudis I, Petridis F, Kazis D. Neuroimaging and neuropathological findings in essential tremor. *Acta Neurol Scand.* 2019 Jun;139(6):491-496
  40. Ioannis Mavroudis, Foivos Petrides, Alin Ciobica, Dimitrios Kazis, Vassiliki Costa, Stavros J Baloyannis. The cerebellar dentate nucleus. *Academy of Romanian Scientists Annals - Series on Biological Sciences*, Vol. 7
  41. Pavlina Alexiou, Ioannis Mavroudis. Introduction to Advance Directives. *Academy of Romanian Scientists Annals - Series on Biological Sciences*, Vol. 7
  42. Mavroudis Ioannis, Petrides Foivos, Kazis Dimitrios. A review on the treatment of sporadic inclusion body myositis with Bimagrumab and Alemtuzumab. *Int J Neurosci.* 2018 Sep 21:1-16
  43. Mavroudis Ioannis, Petrides Foivos, Kazis Dimitrios. The human spongiform encephalopathies. *Romanian Journal of Neurology*, Volume XVII, No 2, 2018
  44. Ioannis Mavroudis, Alin Ciobica, Foivos Petrides, Vasiliki Costa, Stavros J Baloyannis. Morphological analysis of individual neurons. *Academy of Romanian Scientists Annals - Series on Biological Sciences*, Vol. 7, No.1, (2018)
  45. Ioannis A. Mavroudis, Dimitrios Kazis, Foivos Petrides, Ioana Miruna Balmus, Manuela Padurariou, Alin Ciobica. Cortical Neuronal types and epilepsy; *Academy of Romanian Scientists Annals - Series on Biological Sciences*, Vol. 6, No.2, (2017)
  46. Mavroudis IA, Petrides F, Manani M, Chatzinikolaou F, Ciobică AS, Pădurariu M, Kazis D, Njau SN, Costa VG, Baloyannis SJ. Purkinje cells pathology in schizophrenia. A morphometric approach. *Rom J Morphol Embryol.* 2017;58(2):419-424.
  47. Balmus Ioanna Miruna, Ciobica Alin, Alexiou Pavlina, Mavroudis Ioannis. Future perspectives on Alzheimer's disease computational modeling - A review. *Annals Series on Biological Sciences Volume 6, No. 1, 2017*, pp. 55-68
  48. Mavroudis IA, Petrides F, Kazis D, Costa V, Baloyannis SJ. Golgi method: A 140 years old, yet unique and powerful method for the study of the central nervous system. *Annals Series on Biological Sciences Volume 6, No. 1, 2017*, pp. 44-54
  49. Petrides FE, Mavroudis IA, Spilioti M, Chatzinikolaou FG, Costa VG, Baloyannis SJ. Spinal Alterations of Reil Insula in Alzheimer's Disease. *American Journal of Alzheimer's disease and other Dementias*, DOI:
-

---

10.1177/1533317517703476 | First Published Online April 21, 2017

50. Petrides FE, Mavroudis IA, Dados D, Manani MG, Chatzinikolaou FG, Spilioti M, Costa VG, Baloyannis SJ. Dendritic Alterations of the Pyramidal Cell of Reil's Insula in Alzheimer's disease. *J Neurol Stroke* 2016-4(5): 0015

51. Mavroudis IA, Manani M, Petrides F, Dados D, Ciobica A, Padurariu M, Petsoglou K, Njau SN, Costa VG, Baloyannis SJ. Age-related dendritic and spinal alterations of pyramidal cells of the human visual cortex *Folia Neuropathol* 2015; 53 (2): 100-110

52. Baloyannis SJ, Mavroudis I, Mitilineos D, Baloyannis IS, Costa VG The Hypothalamus in Alzheimer's Disease: A Golgi and Electron Microscope Study. *Am J Alzheimers Dis Other Demen.* 2014 Nov 7

53. Mavroudis IA, Manani MG, Petrides F, Petsoglou C, Njau SN, Costa VG, Baloyannis SJ. Dendritic and spinal alterations of neurons from Edinger-Westphal nucleus in Alzheimer's disease. *Folia Neuropathol.* 2014;52(2):197-204

54. Mavroudis IA, Manani MG, Petrides F, Petsoglou K, Njau SD, Costa VG, Baloyannis SJ. Dendritic and spinal pathology of the Purkinje cells from the human cerebellar vermis in Alzheimer's disease. *Psychiatr Danub.* 2013 Sep;25(3):221-6.

55. Mavroudis I, Petrides F, Manani M, Theocharides C, Ciobica A, Padurariu M, Kiourexidou M, Njau S, Costa V, Baloyannis S. Dendritic and spinal alterations of the spiny stellate cells of the human visual cortex during normal aging. *Folia Neuropathol.* 2012;50(3):261-9.

56. Mavroudis IA, Manani MG, Petrides F, Kiourexidou M, Njau SN, Costa VG, Baloyannis SJ. Dendritic, axonal, and spinal pathology of the purkinje cells and the neurons of the dentate nucleus after long- term phenytoin administration: a case report. *J Child Neurol.* 2013 Oct;28(10):1299-304.

57. Padurariu M, Ciobica A, Mavroudis I, Fotiou D, Baloyannis S. Hippocampal neuronal loss in the CA1 and CA3 areas of Alzheimer's disease patients. *Psychiatr Danub.* 2012 Jun;24(2):152-8.

58. Mavroudis IA, Fotiou DF, Manani MG, Njau SN, Frangou D, Costa VG, Baloyannis SJ. Dendritic pathology and spinal loss in the visual cortex in Alzheimer's disease: a Golgi study in pathology. *Int J Neurosci.* 2011 Jul;121(7):347-54.

59. Baloyannis SJ, Mavroudis I, Manolides SL, Manolides LS. The acoustic cortex in frontotemporal

---

	<p>dementia: a Golgi and electron microscope study. <i>Acta Otolaryngol.</i> 2011 Apr;131(4):359-61</p> <p>60. Mavroudis IA, Fotiou DF, Adipepe LF, Manani MG, Njau SD, Psaroulis D, Costa VG, Baloyannis SJ. Morphological changes of the human purkinje cells and deposition of neuritic plaques and neurofibrillary tangles on the cerebellar cortex of Alzheimer's disease. <i>Am J Alzheimers Dis Other Demen.</i> 2010 Nov;25(7):585-91.</p> <p>61. Baloyannis SJ, Mauroudis I, Manolides SL, Manolides LS. Synaptic alterations in the medial geniculate bodies and the inferior colliculi in Alzheimer's disease: a Golgi and electron microscope study. <i>Acta Otolaryngol.</i> 2009 Apr;129(4):416-8.</p> <p>62. Baloyiannis, V. Costa, I. Mavroudis, I.S. Baloyiannis. The brain capillaries in Alzheimer's disease.S.I. <i>Encephalos</i>, 2008, VOL 45,(4): 220-225</p> <p>63. Tsamis K, Mytilinaios D, Njau SN, Psaroulis D, Mavroudis J, Costa V, Baloyannis SJ. The combination of silver techniques for studying the pathology of Alzheimer's disease. <i>Int J Neurosci.</i> 2008 Feb;118(2):257-66</p>
<b>Letters to the editor:</b>	<p>Mavroudis I, Petridis F, Chatzikonstantinou S, Kazis D. Response to the Letter to the Editor by Tomoyuki Kawada: "Alpha-Synuclein Levels in Cerebrospinal Fluid in Patients With Lewy Bodies Dementia and Other Neurodegenerative Disorders". <i>Alzheimer Dis Assoc Disord.</i> 2021 Mar 23.</p>
<b>Editorials:</b>	<p>Mavroudis IA. The Classification of Tumours of the Central Nervous System in the Molecular Era, <i>EC Neurology.</i> 8(1): 01.</p>
<b>Supplements in Medical Journals and poster presentations</b>	<ol style="list-style-type: none"> <li>1. Terry R, Tanti M, Jung A, et al177 An unusual presentation in motor neurone disease. <i>Journal of Neurology, Neurosurgery &amp; Psychiatry</i> 2022;93:e2.</li> <li>2. D. Kazis, I. Mavroudis, S. Kolios, V. Papaliagkas, S. Bostanjopoulou. Neurosyphilis: The Great Imitator. The 8th World Congress on Controversies in Neurology (CONy), Berlin May 2014</li> <li>3. D. Kazis, V. Theodoridou, O. Argyropoulou, I. Mavroudis, I. Daglis, S. Bostantjopoulou Postpartum Posterior Reversible Encephalopathy Syndrome (PRES) with atypical MRI findings. 1st EAN Congress Berlin 2015</li> <li>4. Baloyannis SJ, Costa VG, Mavroudis IA. The Retzius-Cajal neuron in Alzheimer's disease</li> </ol>

---

Volume: European Journal of Neurology 21 (Suppl. 1), 109, May 2014

5. V Papaliagkas; D Kazis; I Mavroudis; I Daglis; S Kolios; S Papagiannopoulos; S Bostantjopoulou. White blood cell count in patient with epileptic seizures. *Epilepsia*. 55():203, JUN 2014
6. Baloyannis, I Mavroudis, IS Baloyannis, D Psaroulis Alterations of Brain Capillaries in Alzheimer's Disease *SJ Annals of Neurology*, 2013
7. SJ Baloyannis, I Mavroudis, IS Baloyannis The Hypothalamus in Alzheimer's Disease: A Golgi and Electron Microscope Study *Annals of Neurology*, 2012
8. Baloyannis SJ, Mavroudis I., Baloyannis JS, Costa V. Dendritic and synaptic pathology in mammillary bodies in Alzheimer's disease. *European Journal of Neurology* 01/2012; 19(Suppl;1):460
9. Baloyannis SJ, Mavroudis I, Baloyannis IS, Costa VG. Synaptic alterations in the claustrum in Alzheimer's disease: A Golgi and electron microscope study. *Journal of the Neurological sciences* 333 (supl):356-357. Oct 2013
10. Baloyannis St J, Mavroudis I, Baloyannis IS, Costa VG Morphological alterations of purkinje cells of the flocculus of the cerebellum in early cases of Alzheimer's disease *Journal of the Neurological Sciences* 10/2013; Volume 333
11. Tsamis K, Mavroudis I, Mytilinaios D, Safouris A, Fotiou DF, Glaftsi S, Baloyannis SJ. A Golgi study of Dandy-Walker malformation. *Journal of the neurological sciences* 283. Aug 2009
12. I Mavroudis, K Tsamis, D Mytilinaios, VG Costa, SJ Baloyannis, Vascular pathology is related to neurofibrillary degeneration and synaptic loss in Alzheimer's disease *European Journal of Neurology* 16, 352-352, 2009
13. K Tsamis, D Mytilinaios, J Mavroudis, SN Njau, D Psaroulis, V Kosta, SJ Baloyannis Morphological and morphometric study of CA3 neuronal excrescences in the human hippocampus in normal control and

	<p>Alzheimer's disease patients <i>European Journal of Neurology</i> 14, 188-188, 2007</p> <p>14. A Safouris, K Tsamis, IA Mavroudis, D Mytilinaios, SN Njau, V Costa, SJ Baloyannis Alterations of the human visual cortex during normal aging, revealed by silver staining methods <i>Acta Neurobiologiae Experimentalis</i> 3 (67), 2007</p> <p>15. IA Mavroudis, K Tsamis, A Safouris, D Mytilinaios, SN Njau, V Costa, SJ Baloyannis Alterations of the dendrites and dendritic spines of the human Purkinje cells during normal aging <i>Acta Neurobiologiae Experimentalis</i> 3 (67), 2007</p> <p>16. K Tsamis, D Mytilinaios, J Mavroudis, SD Njau, D Psaroulis, V Kosta, SJ Baloyannis Properties of CA3 neuronal excrescences in the hippocampus of healthy human individuals and Alzheimer's disease patients <i>Journal of Neural Transmission</i> 114 (7), CXXI-CXXI, 2007</p>
<p><b>Entries to Encyclopedia</b></p>	<ol style="list-style-type: none"> <li>1. Treatment of Post-Traumatic Headache</li> <li>2. Post-Concussion Syndrome—Epidemiology and Diagnosis Criteria</li> <li>3. Post-Concussion Syndrome and Chronic Traumatic Encephalopathy</li> <li>4. Neuropathological Criteria for Chronic Traumatic Encephalopathy</li> </ol>
<p><b>Books and book chapters</b></p>	<p><b>2023:</b> Concussion: A patient's guide to understanding and coping.</p> <p><b>2022:</b> Concussion. State of the Art. Academic Editor. Ioannis Mavroudis. ISBN: 978-1-83768-560-8</p> <p><b>2019:</b> The Hypothalamus in Alzheimer's Disease: A Golgi and Electron and Microscope Study, In book: <i>Cognitive Disorders</i>, January 2019, DOI: · 10.5772/intechopen.75887</p> <p><b>2018:</b> The Hypothalamus in Alzheimer's Disease, In book: <i>Hypothalamus in Health and Diseases</i>, December 2018, DOI: · 10.5772/intechopen.81475</p> <p><b>2015:</b> Ioannis Mavroudis and Pavlina Alexiou, Neuro-Morphology and Neuronal Functionality in Health and Disease. From Golgi Method to Sophisticated Neuronal</p>

---

Simulations in the volume: Cognitive Sciences - An Interdisciplinary Approach; Edited by Tudorel Dima and Mihaela Luca. pp: 219-231, Sept 2015

**2009:** Medical Issues and Answers, Published by Gkiourdas Publications

---