

**Siokas Vasileios, MD, MSc, PhD**

Assistant Professor of Neurology, Department of Neurology, Faculty of Medicine, University of Thessaly, General University Hospital of Larissa, Greece

**Contact details**

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**Education and Training**

- 2009 Graduation (BA degree) from Faculty of Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece, Medical Licence Number: 16/7897 14/09/2009 (Pieria, Greece)
- 2014 MSc, Clinical Applications of Molecular Medicine, Faculty of Medicine, University of Thessaly, Greece
- 2019 PhD in Neurology, Faculty of Medicine, University of Thessaly, Greece
- 2017-2021 Specialization in clinical Neurology at the Department of Neurology, General University Hospital of Larissa, Greece
- 01.04.2022-31.03.2023 Post-Doctoral fellow and Guest Research, TMS-EEG, and neurovascular medicine at the Department of Neurology and Stroke, University Hospital Tübingen, Germany

**Work Experience**

- 2010-2011 Teacher – Psychiatry I, <https://iek-katerinis.gr/>
- 2010-2011 Medical Doctor (general medicine duties) at Psychiatric Clinic “ELPIDA” at Katerini, Greece
- 2011-2012 Rural Doctor at Primary Health Care Services at Florina, Greece
- 2013 Rural Doctor at Primary Health Care Services at Kastoria, Greece
- 2016 Rural Doctor at Primary Health Care Services at Arta, Greece
- 2017-2021 Resident in Neurology, 1st Department of Neurology, AHEPA University Hospital, Thessaloniki, Greece
- 2/2022-8/2022 Academic Scholar, Department of Neurology, University Hospital of Larissa, Greece
- 6-12/2023 Consultant Neurologist, Department of Neurology, University Hospital of Larissa, Greece
- 6/2024- Assistant Professor of Neurology, , Department of Neurology, Faculty of Medicine, University of Thessaly, General University Hospital of Larissa, Greece

**Research activity**

1. The Hellenic Longitudinal Investigation of Aging and Diet (HELIAD)
2. Deep Neuro Signature Study της Hellenic Initiative Against Alzheimer’s Disease
3. April 2019- Scientific responsible for all the protocols of Laboratoty of Neurogenetics, University of Thessaly Larissa, Greece
4. Guest Researcher (TMS-EEG, and neurovascular medicine) Department of Neurology and Stroke, University Hospital Tübingen, Germany
5. A Phase 2b, Multi-center, Randomized, Quadruple-blind, Placebo-controlled Study of Batoclimab Treatment in Adult Participants with Active Chronic Inflammatory Demyelinating Polyneuropathy (CIDP)

**Languages**

1. Greek (native language)
2. English (Level C2-Certificate of Proficiency in English (University Of Michigan))
3. German (Level B2-ZERTIFIKAT B2)
4. Spanish (Level B2-DELE B2)

## **Memberships**

1. Member of the Greek Neurological Society

## **Scholarships**

1. From the Hellenic Neurological Society (12 months)-after written exams
2. From the Hellenic Society of Cerebrovascular Diseases-after submission and evaluation of research proposal/protocol

## **Teaching Activities-Supervision of post-graduate Theses**

1. From 2019 - Neurology I (undergraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa, Greece
2. From 2019 - Neurogenetics (undergraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa, Greece
3. From 2020 - Postgraduate Program: Neurorehabilitation, Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa, Greece (Responsible for Courses in all the semesters)
4. From 2024 - Neurology II (undergraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa, Greece
5. 2023-2024- Pathological Physiology II (undergraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa
6. 2023-2024 lectures, "Ultrasound functional imaging for the prevention and diagnosis of vascular diseases", (postgraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa
7. 2023-2024 lectures, "Thrombosis and Antithrombotic Therapy" (postgraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa
8. 2023-2024 lectures, "Clinical Applications of Molecular Medicine" (postgraduate), Faculty of Medicine/School of Health Sciences, University of Thessaly, Larissa
9. Supervisor of 4 post-graduate Theses (completed and presented), and supervision of several ongoing post-graduate Theses
10. Member of Three-Member Evaluation Committee of 40 post-graduate Theses

## **Major scientific interests**

1. Genetic epidemiology of neurological disorders
2. Applications of rTMS
3. Meta-analyses of clinical and genetic studies
4. Neurorehabilitation
5. Epidemiology of Alzheimer's disease (participation at HELIAD study)
6. Neurodegenerative disorders
7. Neurovascular medicine

## **Invited Reviewer**

1. Food and Chemical Toxicology
2. Journal of Molecular Neuroscience
3. Mutation Research Reviews
4. Molecular Medicine Reports
5. Toxicology Reports
6. Experimental and Therapeutic Medicine
7. Oncology Letters
8. Genetic Testing and Molecular Biomarkers
9. International Journal of Molecular Medicine
10. Archives of Environmental & Occupational Health

11. BioMed Research International
12. World Academy of Sciences Journal
13. Medical Science Monitor
14. Frontiers in Pharmacology, sections: 1)Ethnopharmacology and 2)Neuropharmacology
15. Environmental Research
16. Gerontology
17. Life
18. Molecular Neurobiology
19. Brain Sciences
20. Neuropsychiatric Disease and Treatment
21. Diagnostics
22. International Journal of Molecular Sciences
23. Behavioural Neurology
24. Antioxidants
25. Tomography
26. Ecotoxicology and Environmental Safety
27. Behavioural Brain Research
28. MEDICINA
29. Neuropsychiatric Disease and Treatment
30. Cells
31. Clinical Epidemiology
32. Biomolecules
33. Biomedicines
34. Science of The Total Environment
35. Immunity, Inflammation and Disease
36. Ecotoxicology and Environmental Safety Elsevier
37. Journal of Neurology
38. Molecular Neurobiology
39. Clinical and Experimental Medicine
40. Acta Neurologica Belgica
41. Scientific Reports
42. Heliyon
43. BMC Medical Genomics
44. BMC Public Health
45. Journal of Psychosomatic Research
46. BMC Cardiovascular Disorders
47. Nutrients
48. Health Science Reports
49. Neurochemistry International
50. BMC Nephrology
51. Cancer Cell International
52. The Journal of Headache and Pain
53. BMC Neurology
54. Journal of International Medical Research
55. Autoimmunity Reviews
56. Neurogenetics

#### **Guest Editor-Editorial Board membership**

1. Toxicology Reports, “Paving the Future of Neurology: Advancements in Genetics, Epigenetics, Environmental Exposures, Pathophysiology, Biomarkers, Management and Links to COVID-19 of Neurological Disorders” <https://www.sciencedirect.com/journal/toxicology-reports/special-issue/100KQ62C0ZJ> (GUEST EDITOR)
2. Journal of Integrative Neuroscience, “Oxidative stress in neurodegenerative diseases” (GUEST EDITOR) <https://jin.imrpress.com/EN/subject/listSubjectChapters.do?subjectId=1617939080211>

3. Medicina, "Emerging Concepts in Migraine Pathophysiology, Treatment and Management", (GUEST EDITOR) [https://www.mdpi.com/journal/medicina/special\\_issues/migraine\\_treatment](https://www.mdpi.com/journal/medicina/special_issues/migraine_treatment)
4. International Journal of Molecular Sciences, "Genetic Basis and Epidemiology of Myopathies 2.0", [https://www.mdpi.com/journal/ijms/special\\_issues/Myopathies\\_2](https://www.mdpi.com/journal/ijms/special_issues/Myopathies_2) (GUEST EDITOR)
5. Neurology International , "Topical Collection "Advances in Neurodegenerative Diseases" [https://www.mdpi.com/journal/neurolint/special\\_issues/Advances\\_Neurodegenerative\\_Diseases](https://www.mdpi.com/journal/neurolint/special_issues/Advances_Neurodegenerative_Diseases) (GUEST EDITOR)
6. Excellence in Rheumatic Autoimmune Diseases (EDITORIAL BOARD MEMBER) <https://eradjournal.com/editorial-board/>
7. Medicina, " Preclinical Markers Precluding the Onset of Cognitive Impairment and Dementia", [https://www.mdpi.com/journal/medicina/special\\_issues/S3S7177A4J](https://www.mdpi.com/journal/medicina/special_issues/S3S7177A4J) (GUEST EDITOR)
8. International Journal of Molecular Sciences, "Unraveling the Genetic Background of Neurological Disorders", [https://www.mdpi.com/journal/ijms/special\\_issues/Genetic\\_Neurological](https://www.mdpi.com/journal/ijms/special_issues/Genetic_Neurological) (GUEST EDITOR)
9. International Journal of Molecular Sciences, "Genetic Basis and Epidemiology of Myopathies 3.0", [https://www.mdpi.com/journal/ijms/special\\_issues/Myopathies\\_3](https://www.mdpi.com/journal/ijms/special_issues/Myopathies_3) (GUEST EDITOR)
10. Frontiers in Neurology, Dementia and Neurodegenerative Diseases, <https://www.frontiersin.org/journals/neurology/sections/dementia-and-neurodegenerative-diseases> (GUEST ASSOCIATE EDITOR)
11. Journal of Integrative Neuroscience, "Single Nucleotide Polymorphisms in Neurological Disorders" [https://www.imrpress.com/journal/JIN/special\\_issues/single\\_nucleotide\\_polymorphisms](https://www.imrpress.com/journal/JIN/special_issues/single_nucleotide_polymorphisms) (GUEST EDITOR)
12. International Journal of Molecular Sciences, "Unraveling the Genetic Background of Neurological Disorders: 2nd Edition", [https://www.mdpi.com/journal/ijms/special\\_issues/08EYL1U70Y](https://www.mdpi.com/journal/ijms/special_issues/08EYL1U70Y) (GUEST EDITOR)

## Publications

<https://scholar.google.com/citations?user=cRfFws4AAAAJ&hl=en&oi=sra>

## PubMed/PMC

001. Dardiotis E, Paterakis K, **Siokas V**, Tsvigoulis G, Dardioti M, Grigoriadis S, Simeonidou C, Komnos A, Kapsalaki E, Fountas K, Hadjigeorgiou GM. Effect of angiotensin-converting enzyme tag single nucleotide polymorphisms on the outcome of patients with traumatic brain injury. *Pharmacogenet Genomics*. 2015;25(10):485-90. Epub 2015/07/17. doi: 10.1097/fpc.000000000000161. PubMed PMID: 26181640.
002. Sokratous M, Dardiotis E, Tsouris Z, Bellou E, Michalopoulou A, **Siokas V**, Arseniou S, Stamati T, Tsvigoulis G, Bogdanos D, Hadjigeorgiou GM. Deciphering the role of DNA methylation in multiple sclerosis: emerging issues. *Auto Immun Highlights*. 2016;7(1):12. Epub 2016/09/09. doi: 10.1007/s13317-016-0084-z. PubMed PMID: 27605361; PubMed Central PMCID: PMC5014764.
003. Dardiotis E, **Siokas V**, Zafeiridis T, Paterakis K, Tsvigoulis G, Dardioti M, Grigoriadis S, Simeonidou C, Deretzi G, Zintzaras E, Jagiella J, Hadjigeorgiou GM. Integrins AV and B8 Gene Polymorphisms and Risk for Intracerebral Hemorrhage in Greek and Polish Populations. *Neuromolecular Med*. 2017;19(1):69-80. Epub 2016/08/01. doi: 10.1007/s12017-016-8429-3. PubMed PMID: 27476161. (**equal contribution with first authorship**)
004. **Siokas V**, Dardiotis E, Tsironi EE, Tsvigoulis G, Rikos D, Sokratous M, Koutsias S, Paterakis K, Deretzi G, Hadjigeorgiou GM. The Role of TOR1A Polymorphisms in Dystonia: A Systematic Review and Meta-Analysis. *PLoS One*. 2017;12(1):e0169934. Epub 2017/01/13. doi: 10.1371/journal.pone.0169934. PubMed PMID: 28081261; PubMed Central PMCID: PMC5231385.
005. Dardiotis E, **Siokas V**, Pantazi E, Dardioti M, Rikos D, Xiromerisiou G, Markou A, Papadimitriou D,

Speletas M, Hadjigeorgiou GM. A novel mutation in TREM2 gene causing Nasu-Hakola disease and review of the literature. *Neurobiol Aging*. 2017;53:194.e13-.e22. Epub 2017/02/19. doi: 10.1016/j.neurobiolaging.2017.01.015. PubMed PMID: 28214109.

006. **Siokas V**, Dardiotis E, Sokolakis T, Kotoula M, Tachmitzi SV, Chatzoulis DZ, Almpantidou P, Stefanidis I, Hadjigeorgiou GM, Tsironi EE. Plasminogen Activator Inhibitor Type-1 Tag Single-Nucleotide Polymorphisms in Patients with Diabetes Mellitus Type 2 and Diabetic Retinopathy. *Curr Eye Res*. 2017;42(7):1048-53. Epub 2017/06/21. doi: 10.1080/02713683.2016.1276197. PubMed PMID: 28632032.

007. Dardiotis E, Arseniou S, Sokratous M, Tsouris Z, **Siokas V**, Mentis AA, Michalopoulou A, Andravizou A, Dastamani M, Paterakis K, Bogdanos D, Brotis A. Vitamin B12, folate, and homocysteine levels and multiple sclerosis: A meta-analysis. *Mult Scler Relat Disord*. 2017;17:190-7. Epub 2017/10/23. doi: 10.1016/j.msard.2017.08.004. PubMed PMID: 29055456.

008. Dardiotis E, Nousia A, **Siokas V**, Tsouris Z, Andravizou A, Mentis AA, Florou D, Messinis L, Nasios G. Efficacy of computer-based cognitive training in neuropsychological performance of patients with multiple sclerosis: A systematic review and meta-analysis. *Mult Scler Relat Disord*. 2018;20:58-66. Epub 2018/01/08. doi: 10.1016/j.msard.2017.12.017. PubMed PMID: 29306740.

009. Sokratous M, Dardiotis E, Bellou E, Tsouris Z, Michalopoulou A, Dardioti M, **Siokas V**, Rikos D, Tsatsakis A, Kovatsi L, Bogdanos DP, Hadjigeorgiou GM. CpG Island Methylation Patterns in Relapsing-Remitting Multiple Sclerosis. *J Mol Neurosci*. 2018;64(3):478-84. Epub 2018/03/09. doi: 10.1007/s12031-018-1046-x. PubMed PMID: 29516350.

010. Dardiotis E, **Siokas V**, Sokratous M, Tsouris Z, Michalopoulou A, Andravizou A, Dastamani M, Ralli S, Vinceti M, Tsatsakis A, Hadjigeorgiou GM. Genetic polymorphisms in amyotrophic lateral sclerosis: Evidence for implication in detoxification pathways of environmental toxicants. *Environ Int*. 2018;116:122-35. Epub 2018/04/21. doi: 10.1016/j.envint.2018.04.008. PubMed PMID: 29677557. (**equal contribution with first authorship**)

011. Konstantinou AK, Bonotis K, Sokratous M, **Siokas V**, Dardiotis E. Burnout Evaluation and Potential Predictors in a Greek Cohort of Mental Health Nurses. *Arch Psychiatr Nurs*. 2018;32(3):449-56. Epub 2018/05/23. doi: 10.1016/j.apnu.2018.01.002. PubMed PMID: 29784229.

012. Nousia A, **Siokas V**, Aretouli E, Messinis L, Aloizou AM, Martzoukou M, Karala M, Koumpoulis C, Nasios G, Dardiotis E. Beneficial Effect of Multidomain Cognitive Training on the Neuropsychological Performance of Patients with Early-Stage Alzheimer's Disease. *Neural Plast*. 2018;2018:2845176. Epub 2018/08/21. doi: 10.1155/2018/2845176. PubMed PMID: 30123243; PubMed Central PMCID: PMC6079404.

013. Dardiotis E, **Siokas V**, Garas A, Paraskevaidis E, Kyrgiou M, Xiromerisiou G, Deligeoroglou E, Galazios G, Kontomanolis EN, Spandidos DA, Tsatsakis A, Daponte A. Genetic variations in the SULF1 gene alter the risk of cervical cancer and precancerous lesions. *Oncol Lett*. 2018;16(3):3833-41. Epub 2018/08/22. doi: 10.3892/ol.2018.9104. PubMed PMID: 30127996; PubMed Central PMCID: PMC6096185. (**equal contribution with first authorship**)

014. Dardiotis E, Tsouris Z, Mentis AA, **Siokas V**, Michalopoulou A, Sokratous M, Dastamani M, Bogdanos DP, Deretzi G, Kountouras J. H. pylori and Parkinson's disease: Meta-analyses including clinical severity. *Clin Neurol Neurosurg*. 2018;175:16-24. Epub 2018/10/12. doi: 10.1016/j.clineuro.2018.09.039. PubMed PMID: 30308319.

015. Dardiotis E, Aloizou AM, **Siokas V**, Patrinos GP, Deretzi G, Mitsias P, Aschner M, Tsatsakis A. The Role of MicroRNAs in Patients with Amyotrophic Lateral Sclerosis. *J Mol Neurosci*. 2018;66(4):617-28. Epub 2018/11/12. doi: 10.1007/s12031-018-1204-1. PubMed PMID: 30415446.

016. Dardiotis E, **Siokas V**, Sokratous M, Tsouris Z, Aloizou AM, Florou D, Dastamani M, Mentis AA, Brotis AG. Body mass index and survival from amyotrophic lateral sclerosis: A meta-analysis. *Neurol Clin Pract*. 2018;8(5):437-44. Epub 2018/12/20. doi: 10.1212/cpj.0000000000000521. PubMed PMID: 30564498;

017. **Siokas V**, Aloizou AM, Tsouris Z, Michalopoulou A, Mentis AA, Dardiotis E. Risk Factor Genes in Patients with Dystonia: A Comprehensive Review. *Tremor Other Hyperkinet Mov (N Y)*. 2018;8:559. Epub 2019/01/16. doi: 10.7916/d8h438gs. PubMed PMID: 30643666; PubMed Central PMCID: PMC6329780.
018. **Siokas V**, Fotiadou A, Dardiotis E, Kotoula MG, Tachmitzi SV, Chatzoulis DZ, Zintzaras E, Stefanidis I, Tsironi EE. SLC2A1 Tag SNPs in Greek Patients with Diabetic Retinopathy and Nephropathy. *Ophthalmic Res*. 2019;61(1):26-35. Epub 2017/12/06. doi: 10.1159/000480241. PubMed PMID: 29207384.
019. Dardiotis E, Aloizou AM, **Siokas V**, Tsouris Z, Rikos D, Marogianni C, Aschner M, Kovatsi L, Bogdanos DP, Tsatsakis A. Paraoxonase-1 genetic polymorphisms in organophosphate metabolism. *Toxicology*. 2019;411:24-31. Epub 2018/10/26. doi: 10.1016/j.tox.2018.10.012. PubMed PMID: 30359673.
020. Hadjigeorgiou GM, Kountra PM, Koutsis G, Tsimourtou V, **Siokas V**, Dardioti M, Rikos D, Marogianni C, Aloizou AM, Karadima G, Ralli S, Grigoriadis N, Bogdanos D, Panas M, Dardiotis E. Replication study of GWAS risk loci in Greek multiple sclerosis patients. *Neurol Sci*. 2019;40(2):253-60. Epub 2018/10/27. doi: 10.1007/s10072-018-3617-6. PubMed PMID: 30361804.
021. **Siokas V**, Kardaras D, Aloizou AM, Asproudis I, Boboridis KG, Papageorgiou E, Hadjigeorgiou GM, Tsironi EE, Dardiotis E. BDNF rs6265 (Val66Met) Polymorphism as a Risk Factor for Blepharospasm. *Neuromolecular Med*. 2019;21(1):68-74. Epub 2018/12/07. doi: 10.1007/s12017-018-8519-5. PubMed PMID: 30519954.
022. Dardiotis E, **Siokas V**, Marogianni C, Aloizou AM, Sokratous M, Paterakis K, Dardioti M, Grigoriadis S, Brotis A, Kapsalaki E, Fountas K, Jagiella J, Hadjigeorgiou GM. AQP4 tag SNPs in patients with intracerebral hemorrhage in Greek and Polish population. *Neurosci Lett*. 2019;696:156-61. Epub 2018/12/24. doi: 10.1016/j.neulet.2018.12.025. PubMed PMID: 30578930. (**equal contribution with first authorship**)
023. Dardiotis E, Aloizou AM, Markoula S, **Siokas V**, Tsarouhas K, Tzanakakis G, Libra M, Kyritsis AP, Brotis AG, Aschner M, Gozes I, Bogdanos DP, Spandidos DA, Mitsias PD, Tsatsakis A. Cancer-associated stroke: Pathophysiology, detection and management (Review). *Int J Oncol*. 2019;54(3):779-96. Epub 2019/01/11. doi: 10.3892/ijo.2019.4669. PubMed PMID: 30628661; PubMed Central PMCID: PMC6365034.
024. **Siokas V**, Kardaras D, Aloizou AM, Asproudis I, Boboridis KG, Papageorgiou E, Spandidos DA, Tsatsakis A, Tsironi EE, Dardiotis E. Lack of Association of the rs11655081 ARSG Gene with Blepharospasm. *J Mol Neurosci*. 2019;67(3):472-6. Epub 2019/01/19. doi: 10.1007/s12031-018-1255-3. PubMed PMID: 30656493.
025. Dardiotis E, Panayiotou E, **Siokas V**, Aloizou AM, Christodoulou K, Hadjisavvas A, Pantzaris M, Grigoriadis N, Hadjigeorgiou GM, Kyriakides T. Gene variants of adhesion molecules predispose to MS: A case-control study. *Neurol Genet*. 2019;5(1):e304. Epub 2019/01/31. doi: 10.1212/nxg.0000000000000304. PubMed PMID: 30697591; PubMed Central PMCID: PMC6340332.
026. Dardiotis E, Karampinis E, **Siokas V**, Aloizou AM, Rikos D, Ralli S, Papadimitriou D, Bogdanos DP, Hadjigeorgiou GM. ERCC6L2 rs591486 polymorphism and risk for amyotrophic lateral sclerosis in Greek population. *Neurol Sci*. 2019;40(6):1237-44. Epub 2019/03/18. doi: 10.1007/s10072-019-03825-3. PubMed PMID: 30879219.
027. Dardiotis E, **Siokas V**, Aloizou AM, Karampinis E, Brotis AG, Grigoriadis S, Paterakis K, Dardioti M, Komnos A, Kapsalaki E, Fountas K, Hadjigeorgiou GM. Effect of integrin AV and B8 gene polymorphisms in patients with traumatic brain injury. *Brain Inj*. 2019;33(7):836-45. Epub 2019/04/30. doi: 10.1080/02699052.2019.1606444. PubMed PMID: 31033358. (**equal contribution with first authorship**)
028. Dardiotis E, Tsouris Z, Aslanidou P, Aloizou AM, Sokratous M, Provas A, **Siokas V**, Deretzi G, Hadjigeorgiou GM. Body mass index in patients with Multiple Sclerosis: a meta-analysis. *Neurol Res*. 2019;41(9):836-46. Epub 2019/05/31. doi: 10.1080/01616412.2019.1622873. PubMed PMID: 31146649.

029. Stamati P, **Siokas V**, Aloizou AM, Karampinis E, Arseniou S, Rakitskii VN, Tsatsakis A, Spandidos DA, Gozes I, Mitsias PD, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Does SCFD1 rs10139154 Polymorphism Decrease Alzheimer's Disease Risk? *J Mol Neurosci*. 2019;69(2):343-50. Epub 2019/07/04. doi: 10.1007/s12031-019-01363-3. PubMed PMID: 31267315. (**equal contribution with first authorship**)
030. Andravizou A, Artemiadis A, Bakirtzis C, **Siokas V**, Aloizou AM, Peristeri E, Kapsalaki E, Tsimourtou V, Hadjigeorgiou GM, Dardiotis E. Brain volume dynamics in multiple sclerosis. A case-control study. *Neurol Res*. 2019;41(10):936-42. Epub 2019/07/10. doi: 10.1080/01616412.2019.1637041. PubMed PMID: 31280707.
031. Rikos D, **Siokas V**, Aloizou AM, Tsouris Z, Aslanidou P, Koutsis G, Anagnostouli M, Bogdanos DP, Grigoriadis N, Hadjigeorgiou GM, Dardiotis E. TREM2 R47H (rs75932628) variant is unlikely to contribute to Multiple Sclerosis susceptibility and severity in a large Greek MS cohort. *Mult Scler Relat Disord*. 2019;35:116-8. Epub 2019/07/31. doi: 10.1016/j.msard.2019.07.007. PubMed PMID: 31362167. (**equal contribution with first authorship**)
032. Liampas I, Chlinos A, **Siokas V**, Brotis A, Dardiotis E. Assessment of the reporting quality of RCTs for novel oral anticoagulants in venous thromboembolic disease based on the CONSORT statement. *J Thromb Thrombolysis*. 2019;48(4):542-53. Epub 2019/08/12. doi: 10.1007/s11239-019-01931-9. PubMed PMID: 31401718.
033. Rikos D, Dardiotis E, Aloizou AM, **Siokas V**, Zintzaras E, Hadjigeorgiou GM. Reporting Quality of Randomized Controlled Trials in Restless Legs Syndrome Based on the CONSORT Statement. *Tremor Other Hyperkinet Mov (N Y)*. 2019;9. Epub 2019/08/16. doi: 10.7916/d8-0f2v-aq62. PubMed PMID: 31413890; PubMed Central PMCID: PMC6691606.
034. Ruzskiewicz JA, Tinkov AA, Skalny AV, **Siokas V**, Dardiotis E, Tsatsakis A, Bowman AB, da Rocha JBT, Aschner M. Brain diseases in changing climate. *Environ Res*. 2019;177:108637. Epub 2019/08/16. doi: 10.1016/j.envres.2019.108637. PubMed PMID: 31416010; PubMed Central PMCID: PMC6717544.
035. Dardiotis E, **Siokas V**, Moza S, Kosmidis MH, Vogiatzi C, Aloizou AM, Geronikola N, Ntanasi E, Zalonis I, Yannakoulia M, Scarmeas N, Hadjigeorgiou GM. Pesticide exposure and cognitive function: Results from the Hellenic Longitudinal Investigation of Aging and Diet (HELIAD). *Environ Res*. 2019;177:108632. Epub 2019/08/23. doi: 10.1016/j.envres.2019.108632. PubMed PMID: 31434017.
036. Tsatsakis A, Docea AO, Calina D, Tsarouhas K, Zamfira LM, Mitrut R, Sharifi-Rad J, Kovatsi L, **Siokas V**, Dardiotis E, Drakoulis N, Lazopoulos G, Tsitsimpikou C, Mitsias P, Neagu M. A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. *J Clin Med*. 2019;8(9). Epub 2019/08/28. doi: 10.3390/jcm8091295. PubMed PMID: 31450861; PubMed Central PMCID: PMC6780697.
037. Andravizou A, Dardiotis E, Artemiadis A, Sokratous M, **Siokas V**, Tsouris Z, Aloizou AM, Nikolaidis I, Bakirtzis C, Tsigoulis G, Deretzi G, Grigoriadis N, Bogdanos DP, Hadjigeorgiou GM. Brain atrophy in multiple sclerosis: mechanisms, clinical relevance and treatment options. *Auto Immun Highlights*. 2019;10(1):7. Epub 2020/04/08. doi: 10.1186/s13317-019-0117-5. PubMed PMID: 32257063; PubMed Central PMCID: PMC67065319.
038. Dardiotis E, Andreou S, Aloizou AM, Panayiotou E, **Siokas V**, Ioannou MN, Vounou E, Christodoulou K, Tanteles GA, Michaelides D, Kyriakides T. The frequency of central nervous system complications in the Cypriot cohort of ATTRV30M neuropathy transplanted patients. *Neurol Sci*. 2020;41(5):1163-70. Epub 2020/01/04. doi: 10.1007/s10072-019-04176-9. PubMed PMID: 31897943.
039. Nousia A, Martzoukou M, Tsouris Z, **Siokas V**, Aloizou AM, Liampas I, Nasios G, Dardiotis E. Corrigendum to: The Beneficial Effects of Computer-Based Cognitive Training in Parkinson's Disease: A Systematic Review. *Arch Clin Neuropsychol*. 2021;36(1):149. Epub 2020/07/25. doi: 10.1093/arclin/aaa054. PubMed PMID: 32706365.

- Nousia A, Martzoukou M, Tsouris Z, **Siokas V**, Aloizou AM, Liampas I, Nasios G, Dardiotis E. The Beneficial Effects of Computer-Based Cognitive Training in Parkinson's Disease: A Systematic Review. *Arch Clin Neuropsychol*. 2020;35(4):434-47. Epub 2020/01/17. doi: 10.1093/arclin/acz080. PubMed PMID: 31942917.
040. **Siokas V**, Aslanidou P, Aloizou AM, Peristeri E, Stamati P, Liampas I, Arseniou S, Drakoulis N, Aschner M, Tsatsakis A, Mitsias PD, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Does the CD33 rs3865444 Polymorphism Confer Susceptibility to Alzheimer's Disease? *J Mol Neurosci*. 2020;70(6):851-60. Epub 2020/02/24. doi: 10.1007/s12031-020-01507-w. PubMed PMID: 32088842.
041. Dardiotis E, Sokratous M, Tsouris Z, **Siokas V**, Mentis AA, Aloizou AM, Michalopoulou A, Bogdanos DP, Xiromerisiou G, Deretzi G, Kountouras J, Hadjigeorgiou GM. Association between Helicobacter pylori infection and Guillain-Barré Syndrome: A meta-analysis. *Eur J Clin Invest*. 2020;50(5):e13218. Epub 2020/03/04. doi: 10.1111/eci.13218. PubMed PMID: 32124432.
042. Aloizou AM, **Siokas V**, Vogiatzi C, Peristeri E, Docea AO, Petrakis D, Provatas A, Folia V, Chalkia C, Vinceti M, Wilks M, Izotov BN, Tsatsakis A, Bogdanos DP, Dardiotis E. Pesticides, cognitive functions and dementia: A review. *Toxicol Lett*. 2020;326:31-51. Epub 2020/03/08. doi: 10.1016/j.toxlet.2020.03.005. PubMed PMID: 32145396. (**equal contribution with first authorship**)
043. Ntellas P, Dardiotis E, Sevdali E, **Siokas V**, Aloizou AM, Tsinti G, Germanis AE, Hadjigeorgiou GM, Eibel H, Speletas M. TNFRSF13C/BAFFR P21R and H159Y polymorphisms in multiple sclerosis. *Mult Scler Relat Disord*. 2020;37:101422. Epub 2020/03/17. doi: 10.1016/j.msard.2019.101422. PubMed PMID: 32172995.
044. Liampas I, **Siokas V**, Brotis A, Dardiotis E. Vitamin D serum levels in patients with migraine: A meta-analysis. *Rev Neurol (Paris)*. 2020;176(7-8):560-70. Epub 2020/04/04. doi: 10.1016/j.neurol.2019.12.008. PubMed PMID: 32241571.
045. Liampas IN, **Siokas V**, Aloizou AM, Tsouris Z, Dastamani M, Aslanidou P, Brotis A, Dardiotis E. Pyridoxine, folate and cobalamin for migraine: A systematic review. *Acta Neurol Scand*. 2020;142(2):108-20. Epub 2020/04/13. doi: 10.1111/ane.13251. PubMed PMID: 32279306.
046. Liampas I, **Siokas V**, Brotis A, Vikelis M, Dardiotis E. Endogenous Melatonin Levels and Therapeutic Use of Exogenous Melatonin in Migraine: Systematic Review and Meta-Analysis. *Headache*. 2020;60(7):1273-99. Epub 2020/05/01. doi: 10.1111/head.13828. PubMed PMID: 32352572.
047. **Siokas V**, Kardaras D, Aloizou AM, Liampas I, Papageorgiou E, Drakoulis N, Tsatsakis A, Mitsias PD, Hadjigeorgiou GM, Tsironi EE, Dardiotis E. CYP1A2 rs762551 and ADORA2A rs5760423 Polymorphisms in Patients with Blepharospasm. *J Mol Neurosci*. 2020;70(9):1370-5. Epub 2020/05/20. doi: 10.1007/s12031-020-01553-4. PubMed PMID: 32424513.
048. Dardiotis E, Aloizou AM, Sakalakis E, **Siokas V**, Koureas M, Xiromerisiou G, Petinaki E, Wilks M, Tsatsakis A, Hadjichristodoulou C, Stefanis L, Hadjigeorgiou GM. Organochlorine pesticide levels in Greek patients with Parkinson's disease. *Toxicol Rep*. 2020;7:596-601. Epub 2020/05/20. doi: 10.1016/j.toxrep.2020.03.011. PubMed PMID: 32426240; PubMed Central PMCID: PMC7225589.
049. Andravizou A, **Siokas V**, Artemiadis A, Bakirtzis C, Aloizou AM, Grigoriadis N, Kosmidis MH, Nasios G, Messinis L, Hadjigeorgiou G, Dardiotis E, Peristeri E. Clinically reliable cognitive decline in relapsing remitting multiple sclerosis: Is it the tip of the iceberg? *Neurol Res*. 2020;42(7):575-86. Epub 2020/05/20. doi: 10.1080/01616412.2020.1761175. PubMed PMID: 32427076.
050. Peristeri E, Aloizou AM, Keramida P, Tsouris Z, **Siokas V**, Mentis AA, Dardiotis E. Cognitive Deficits in Myopathies. *Int J Mol Sci*. 2020;21(11). Epub 2020/05/31. doi: 10.3390/ijms21113795. PubMed PMID: 32471196; PubMed Central PMCID: PMC7312055.
051. Kodounis M, Liampas IN, Constantinidis TS, **Siokas V**, Mentis AA, Aloizou AM, Xiromerisiou G, Zintzaras E, Hadjigeorgiou GM, Dardiotis E. Assessment of the reporting quality of double-blind RCTs for ischemic



stroke based on the CONSORT statement. *J Neurol Sci.* 2020;415:116938. Epub 2020/06/04. doi: 10.1016/j.jns.2020.116938. PubMed PMID: 32492609.

052. Liampas I, **Siokas V**, Mentis AA, Aloizou AM, Dastamani M, Tsouris Z, Aslanidou P, Brotis A, Dardiotis E. Serum Homocysteine, Pyridoxine, Folate, and Vitamin B12 Levels in Migraine: Systematic Review and Meta-Analysis. *Headache.* 2020;60(8):1508-34. Epub 2020/07/03. doi: 10.1111/head.13892. PubMed PMID: 32615014.

053. Arseniou S, **Siokas V**, Aloizou AM, Stamati P, Mentis AA, Tsouris Z, Dastamani M, Peristeri E, Valotassiou V, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. SLC2A3 rs12842 polymorphism and risk for Alzheimer's disease. *Neurol Res.* 2020;42(10):853-61. Epub 2020/07/07. doi: 10.1080/01616412.2020.1786973. PubMed PMID: 32627711. (**equal contribution with first authorship**)

054. Liampas I, **Siokas V**, Brotis A, Aloizou AM, Mentis AA, Vikelis M, Dardiotis E. Meta-analysis of melatonin levels in cluster headache-Review of clinical implications. *Acta Neurol Scand.* 2020;142(4):356-67. Epub 2020/07/18. doi: 10.1111/ane.13317. PubMed PMID: 32677039.

055. Aloizou AM, **Siokas V**, Sapouni EM, Sita N, Liampas I, Brotis AG, Rakitskii VN, Burykina TI, Aschner M, Bogdanos DP, Tsatsakis A, Hadjigeorgiou GM, Dardiotis E. Parkinson's disease and pesticides: Are microRNAs the missing link? *Sci Total Environ.* 2020;744:140591. Epub 2020/07/30. doi: 10.1016/j.scitotenv.2020.140591. PubMed PMID: 32721662. (**corresponding Author** and **equal contribution with first authorship**)

056. Tsouris Z, Dastamani M, **Siokas V**, Aloizou AM, Zagouras A, Provas A, Tsimourtou V, Dardiotis E. Recurrent episodes of syncope requiring pacemaker implantation as an initial presentation of neuromyelitis optica spectrum disorder. *Mult Scler Relat Disord.* 2020;45:102423. Epub 2020/08/04. doi: 10.1016/j.msard.2020.102423. PubMed PMID: 32745996.

057. **Siokas V**, Aloizou AM, Tsouris Z, Liampas I, Aslanidou P, Dastamani M, Brotis AG, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Genetic Risk Factors for Essential Tremor: A Review. *Tremor Other Hyperkinet Mov (N Y).* 2020;10:4. Epub 2020/08/11. doi: 10.5334/tohm.67. PubMed PMID: 32775018; PubMed Central PMCID: PMC7394223.

058. Tsatsakis A, Calina D, Falzone L, Petrakis D, Mitrut R, **Siokas V**, Pennisi M, Lanza G, Libra M, Doukas SG, Doukas PG, Kavali L, Bukhari A, Gadiparthi C, Vageli DP, Kofteridis DP, Spandidos DA, Paoliello MMB, Aschner M, Docea AO. SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. *Food Chem Toxicol.* 2020;146:111769. Epub 2020/09/27. doi: 10.1016/j.fct.2020.111769. PubMed PMID: 32979398; PubMed Central PMCID: PMC7833750.

059. Lima M, **Siokas V**, Aloizou AM, Liampas I, Mentis AA, Tsouris Z, Papadimitriou A, Mitsias PD, Tsatsakis A, Bogdanos DP, Baloyannis SJ, Dardiotis E. Unraveling the Possible Routes of SARS-COV-2 Invasion into the Central Nervous System. *Curr Treat Options Neurol.* 2020;22(11):37. Epub 2020/10/01. doi: 10.1007/s11940-020-00647-z. PubMed PMID: 32994698; PubMed Central PMCID: PMC7515807.

060. **Siokas V**, Tsouris Z, Aloizou AM, Bakirtzis C, Liampas I, Koutsis G, Anagnostouli M, Bogdanos DP, Grigoriadis N, Hadjigeorgiou GM, Dardiotis E. Multiple Sclerosis: Shall We Target CD33? *Genes (Basel).* 2020;11(11). Epub 2020/11/18. doi: 10.3390/genes11111334. PubMed PMID: 33198164; PubMed Central PMCID: PMC7696272.

061. Aloizou AM, Pateraki G, **Siokas V**, Mentis AA, Liampas I, Lazopoulos G, Kovatsi L, Mitsias PD, Bogdanos DP, Paterakis K, Dardiotis E. The role of MiRNA-21 in gliomas: Hope for a novel therapeutic intervention? *Toxicol Rep.* 2020;7:1514-30. Epub 2020/12/01. doi: 10.1016/j.toxrep.2020.11.001. PubMed PMID: 33251119; PubMed Central PMCID: PMC7677650.

062. Nousia A, Martzoukou M, **Siokas V**, Aretouli E, Aloizou AM, Folia V, Peristeri E, Messinis L, Nasios G, Dardiotis E. Beneficial effect of computer-based multidomain cognitive training in patients with mild

cognitive impairment. *Appl Neuropsychol Adult*. 2021;28(6):717-26. Epub 2019/12/31. doi: 10.1080/23279095.2019.1692842. PubMed PMID: 31885287.

063. Liampas I, **Siokas V**, Brotis A, Zintzaras E, Stefanidis I, Dardiotis E. Intravenous sodium valproate in status epilepticus: review and Meta-analysis. *Int J Neurosci*. 2021;131(1):70-84. Epub 2020/02/23. doi: 10.1080/00207454.2020.1732967. PubMed PMID: 32075481.

064. Dardiotis E, Rikos D, **Siokas V**, Aloizou AM, Tsouris Z, Sakalakis E, Brotis AG, Bogdanos DP, Hadjigeorgiou GM. Assessment of TREM2 rs75932628 variant's association with Parkinson's disease in a Greek population and Meta-analysis of current data. *Int J Neurosci*. 2021;131(6):544-8. Epub 2020/04/07. doi: 10.1080/00207454.2020.1750388. PubMed PMID: 32250197.

065. **Siokas V**, Karampinis E, Aloizou AM, Mentis AA, Liakos P, Papadimitriou D, Liampas I, Nasios G, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. CYP1A2 rs762551 polymorphism and risk for amyotrophic lateral sclerosis. *Neurol Sci*. 2021;42(1):175-82. Epub 2020/06/28. doi: 10.1007/s10072-020-04535-x. PubMed PMID: 32592103.

066. Liampas I, Siouras AS, **Siokas V**, Tsouris Z, Rikos D, Brotis A, Aloizou AM, Dastamani M, Dardiotis E. Migraine in transient global amnesia: a meta-analysis of observational studies. *J Neurol*. 2021. Epub 2021/01/04. doi: 10.1007/s00415-020-10363-y. PubMed PMID: 33388926.

067. Liampas I, Mylonas KS, Brotis A, Dervenis P, **Siokas V**, Mentis AA, Dastamani M, Aloizou AM, Tsouris Z, Aslanidou P, Bakoyiannis C, Dardiotis E. Serum lipid abnormalities in migraine: A meta-analysis of observational studies. *Headache*. 2021;61(1):44-59. Epub 2021/01/06. doi: 10.1111/head.14039. PubMed PMID: 33398889.

068. **Siokas V**, Aloizou AM, Tsouris Z, Liampas I, Liakos P, Calina D, Docea AO, Tsatsakis A, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. ADORA2A rs5760423 and CYP1A2 rs762551 Polymorphisms as Risk Factors for Parkinson's Disease. *J Clin Med*. 2021;10(3). Epub 2021/01/28. doi: 10.3390/jcm10030381. PubMed PMID: 33498513; PubMed Central PMCID: PMC7864159.

069. Liampas I, Raptopoulou M, **Siokas V**, Bakirtzis C, Tsouris Z, Aloizou AM, Dastamani M, Brotis A, Bogdanos D, Dardiotis E. Conventional cardiovascular risk factors in Transient Global Amnesia: Systematic review and proposition of a novel hypothesis. *Front Neuroendocrinol*. 2021;61:100909. Epub 2021/02/05. doi: 10.1016/j.yfrne.2021.100909. PubMed PMID: 33539928.

070. Liampas I, Raptopoulou M, **Siokas V**, Tsouris Z, Brotis A, Aloizou AM, Dastamani M, Dardiotis E. The long-term prognosis of Transient Global Amnesia: a systematic review. *Rev Neurosci*. 2021;32(5):531-43. Epub 2021/02/09. doi: 10.1515/revneuro-2020-0110. PubMed PMID: 33550779.

071. Aloizou AM, **Siokas V**, Pateraki G, Liampas I, Bakirtzis C, Tsouris Z, Lazopoulos G, Calina D, Docea AO, Tsatsakis A, Bogdanos DP, Dardiotis E. Thinking outside the Ischemia Box: Advancements in the Use of Multiple Sclerosis Drugs in Ischemic Stroke. *J Clin Med*. 2021;10(4). Epub 2021/02/11. doi: 10.3390/jcm10040630. PubMed PMID: 33562264; PubMed Central PMCID: PMC7914575.

072. **Siokas V**, Arseniou S, Aloizou AM, Tsouris Z, Liampas I, Sgantzios M, Liakos P, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. CD33 rs3865444 as a risk factor for Parkinson's disease. *Neurosci Lett*. 2021;748:135709. Epub 2021/02/15. doi: 10.1016/j.neulet.2021.135709. PubMed PMID: 33582190.

073. Aloizou AM, Pateraki G, Anargyros K, **Siokas V**, Bakirtzis C, Liampas I, Nousia A, Nasios G, Sgantzios M, Peristeri E, Dardiotis E. Transcranial magnetic stimulation (TMS) and repetitive TMS in multiple sclerosis. *Rev Neurosci*. 2021;32(7):723-36. Epub 2021/03/01. doi: 10.1515/revneuro-2020-0140. PubMed PMID: 33641274.

074. Liampas I, Raptopoulou M, Mpourlios S, **Siokas V**, Tsouris Z, Aloizou AM, Dastamani M, Brotis A, Bogdanos D, Xiromerisiou G, Dardiotis E. Factors associated with recurrent transient global amnesia: systematic review and pathophysiological insights. *Rev Neurosci*. 2021;32(7):751-65. Epub 2021/03/07. doi:

10.1515/revneuro-2021-0009. PubMed PMID: 33675214.

075. **Siokas V**, Aloizou AM, Liampas I, Tsouris Z, Mentis AA, Nasios G, Papadimitriou D, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Lack of association between TREM2 rs75932628 variant and amyotrophic lateral sclerosis. *Mol Biol Rep*. 2021;48(3):2601-10. Epub 2021/04/08. doi: 10.1007/s11033-021-06312-1. PubMed PMID: 33826063.

076. Koute V, Michalopoulou A, **Siokas V**, Aloizou AM, Rikos D, Bogdanos DP, Kontopoulos E, Grivea IN, Syrogiannopoulos GA, Papadimitriou A, Hadjigeorgiou GM, Dardiotis E. Val66Met polymorphism is associated with decreased likelihood for pediatric headache and migraine. *Neurol Res*. 2021;43(9):715-23. Epub 2021/05/19. doi: 10.1080/01616412.2021.1922181. PubMed PMID: 34000980.

077. Nousia A, Martzoukou M, Liampas I, **Siokas V**, Bakirtzis C, Nasios G, Dardiotis E. The Effectiveness of Non-Invasive Brain Stimulation Alone or Combined with Cognitive Training on the Cognitive Performance of Patients With Traumatic Brain Injury: A Systematic Review. *Arch Clin Neuropsychol*. 2021. Epub 2021/06/23. doi: 10.1093/arclin/acab047. PubMed PMID: 34155517.

078. Liampas I, **Siokas V**, Brotis A, Mentis AA, Aloizou AM, Dastamani M, Tsouris Z, Lima M, Dardiotis E. Endogenous melatonin levels and therapeutic use of exogenous melatonin in tension type headache: A systematic review. *Rev Neurol (Paris)*. 2021;177(8):871-80. Epub 2021/06/26. doi: 10.1016/j.neurol.2021.01.014. PubMed PMID: 34167809.

079. Zafiriou E, Daponte AI, **Siokas V**, Tsigalou C, Dardiotis E, Bogdanos DP. Depression and Obesity in Patients With Psoriasis and Psoriatic Arthritis: Is IL-17-Mediated Immune Dysregulation the Connecting Link? *Front Immunol*. 2021;12:699848. Epub 2021/08/10. doi: 10.3389/fimmu.2021.699848. PubMed PMID: 34367160; PubMed Central PMCID: PMCPCMC8334867.

080. Aloizou AM, Pateraki G, Anargyros K, **Siokas V**, Bakirtzis C, Sgantzos M, Messinis L, Nasios G, Peristeri E, Bogdanos DP, Doskas TK, Tzeferakos G, Dardiotis E. Repetitive Transcranial Magnetic Stimulation in the Treatment of Alzheimer's Disease and Other Dementias. *Healthcare (Basel)*. 2021;9(8). Epub 2021/08/28. doi: 10.3390/healthcare9080949. PubMed PMID: 34442086; PubMed Central PMCID: PMCPCMC8391181.

081. Peristeri E, Messinis L, Kosmidis MH, Nasios G, Mentis AA, **Siokas V**, Aloizou AM, Kotrotsios A, Andreou M, Dardiotis E. The Impact of Primary Progressive Aphasia on Picture Naming and General Language Ability. *Cogn Behav Neurol*. 2021;34(3):188-99. Epub 2021/09/03. doi: 10.1097/wnn.0000000000000275. PubMed PMID: 34473670.

082. Adamou A, Mavrovounis G, Beltsios ET, Liampas I, Tsouris Z, Aloizou AM, **Siokas V**, Dardiotis E. The rs13330s40 and rs10757278 9p21 locus polymorphisms in patients with intracranial aneurysm: a Meta-analysis. *Int J Neurosci*. 2021:1-17. Epub 2021/09/14. doi: 10.1080/00207454.2021.1976171. PubMed PMID: 34511017.

083. Papasavva M, Vikelis M, **Siokas V**, Katsarou MS, Dermitzakis E, Raptis A, Dardiotis E, Drakoulis N. VDR Gene Polymorphisms and Cluster Headache Susceptibility: Case-Control Study in a Southeastern European Caucasian Population. *J Mol Neurosci*. 2021. Epub 2021/09/15. doi: 10.1007/s12031-021-01892-w. PubMed PMID: 34519950.

084. Papasavva M, Vikelis M, Katsarou MS, **Siokas V**, Dermitzakis E, Papademetriou C, Karakostis K, Lazopoulos G, Dardiotis E, Drakoulis N. Evidence That HFE H63D Variant Is a Potential Disease Modifier in Cluster Headache. *J Mol Neurosci*. 2021. Epub 2021/09/28. doi: 10.1007/s12031-021-01913-8. PubMed PMID: 34570359.

085. **Siokas V**, Aloizou AM, Liampas I, Bakirtzis C, Tsouris Z, Sgantzos M, Liakos P, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Myelin-associated oligodendrocyte basic protein rs616147 polymorphism as a risk factor for Parkinson's disease. *Acta Neurol Scand*. 2021. Epub 2021/10/26. doi: 10.1111/ane.13538. PubMed PMID: 34694630.

086. **Siokas V**, Katsiardanis K, Aloizou AM, Bakirtzis C, Liampas I, Koutlas E, Rudolf J, Ntinoulis K, Kountouras J, Dardiotis E, Deretzi G. Impact of Body Mass Index on the Age of Relapsing-Remitting Multiple Sclerosis Onset: A Retrospective Study. *Neurol Int.* 2021;13(4):517-26. Epub 2021/10/27. doi: 10.3390/neurolint13040051. PubMed PMID: 34698268; PubMed Central PMCID: PMC8544404.
087. Rikos D, **Siokas V**, Burykina TI, Drakoulis N, Dardiotis E, Zintzaras E. Replication of chromosomal loci involved in Parkinson's disease: A quantitative synthesis of GWAS. *Toxicol Rep.* 2021;8:1762-8. Epub 2021/10/30. doi: 10.1016/j.toxrep.2021.10.008. PubMed PMID: 34712594; PubMed Central PMCID: PMC8528647.
088. Machremi E, Bakirtzis C, Karakasi M-V, Boziki M-K, **Siokas V**, Aloizou A-M, Dardiotis E, Grigoriadis N. What scans see when patients see defects: neuroimaging findings in body dysmorphic disorder. *JIN.* 2022;21(2). doi: 10.31083/j.jin2102045.
089. Pateraki G, Anargyros K, Aloizou AM, **Siokas V**, Bakirtzis C, Liampas I, Tsouris Z, Ziogka P, Sgantzios M, Folia V, Peristeri E, Dardiotis E. Therapeutic application of rTMS in neurodegenerative and movement disorders: A review. *J Electromyogr Kinesiol.* 2022;62:102622. Epub 20211126. doi: 10.1016/j.jelekin.2021.102622. PubMed PMID: 34890834.
090. Florou DT, Mavropoulos A, Dardiotis E, Tsimourtou V, **Siokas V**, Aloizou AM, Liaskos C, Tsigalou C, Katsiari C, Sakkas LI, Hadjigeorgiou G, Bogdanos DP. Tetracyclines Diminish In Vitro IFN- $\gamma$  and IL-17-Producing Adaptive and Innate Immune Cells in Multiple Sclerosis. *Front Immunol.* 2021;12:739186. Epub 20211126. doi: 10.3389/fimmu.2021.739186. PubMed PMID: 34899697; PubMed Central PMCID: PMC8662812.
091. Liampas I, **Siokas V**, Aloizou A-M, Bakirtzis C, Tsouris Z, Nousia A, Nasios G, Papadimitriou D, Liakos P, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. MOBP rs616147 Polymorphism and Risk of Amyotrophic Lateral Sclerosis in a Greek Population: A Case-Control Study. *Medicina.* 2021;57(12):1337. PubMed PMID: doi:10.3390/medicina57121337. Epub 20211207. doi: 10.3390/medicina57121337. PubMed PMID: 34946282; PubMed Central PMCID: PMC8708438. PubMed PMID: 34946282; PubMed Central PMCID: PMC8708438. (**equal contribution with first authorship**)
092. Tziastoudi M, Dardiotis E, Pissas G, Filippidis G, Golfopoulos S, **Siokas V**, Tachmitzi SV, Eleftheriadis T, Hadjigeorgiou GM, Tsironi E, Stefanidis I. Serpin Family E Member 1 Tag Single-Nucleotide Polymorphisms in Patients with Diabetic Nephropathy: An Association Study and Meta-Analysis Using a Genetic Model-Free Approach. *Genes.* 2021;12(12):1887. PubMed PMID: doi:10.3390/genes12121887.
093. Petsani C, Aloizou AM, **Siokas V**, Messinis L, Peristeri E, Bakirtzis C, Nasios G, Dardiotis E. Therapeutic Application of rTMS in Atypical Parkinsonian Disorders. *Behav Neurol.* 2021;2021:3419907. Epub 20211223. doi: 10.1155/2021/3419907. PubMed PMID: 34976231; PubMed Central PMCID: PMC8718319.
094. **Siokas V**, Aloizou AM, Liampas I, Bakirtzis C, Nasios G, Paterakis K, Sgantzios M, Bogdanos DP, Spandidos DA, Tsatsakis A, Mitsias PD, Dardiotis E. Lack of an association between SCFD1 rs10139154 polymorphism and amyotrophic lateral sclerosis. *Mol Med Rep.* 2022;25(4). Epub 20220302. doi: 10.3892/mmr.2022.12662. PubMed PMID: 35234271.
095. Lima M, Aloizou AM, **Siokas V**, Bakirtzis C, Liampas I, Tsouris Z, Bogdanos DP, Baloyannis SJ, Dardiotis E. Coronaviruses and their relationship with multiple sclerosis: is the prevalence of multiple sclerosis going to increase after the Covid-19 pandemic? *Rev Neurosci.* 2022. Epub 20220307. doi: 10.1515/revneuro-2021-0148. PubMed PMID: 35258237.
096. **Siokas V**, Liampas I, Aloizou A-M, Papasavva M, Bakirtzis C, Lavdas E, Liakos P, Drakoulis N, Bogdanos DP, Dardiotis E. Deciphering the Role of the rs2651899, rs10166942, and rs11172113 Polymorphisms in Migraine: A Meta-Analysis. *Medicina.* 2022;58(4):491. PubMed PMID: doi:10.3390/medicina58040491.
097. **Siokas V**, Dardiotis E. Advances in Neurodegenerative Diseases. *Neurology International.* 2022;14(2):336-. PubMed PMID: doi:10.3390/neurolint14020027.

098. Aloizou AM, Liampas I, Provatas A, Brotis A, **Siokas V**, Bakirtzis C, Liakos P, Tsouris Z, Dardiotis E. Baseline neurofilament levels in cerebrospinal fluid do not correlate with long-term prognosis in multiple sclerosis. *Mult Scler Relat Disord*. 2022;64:103940. Epub 20220606. doi: 10.1016/j.msard.2022.103940. PubMed PMID: 35679782.
099. Folia V, Liampas I, **Siokas V**, Silva S, Ntanasi E, Yannakoulia M, Sakka P, Hadjigeorgiou G, Scarmeas N, Dardiotis E, Kosmidis MH. Language performance as a prognostic factor for developing Alzheimer's clinical syndrome and mild cognitive impairment: Results from the population-based HELIAD cohort. *J Int Neuropsychol Soc*. 2022:1-9. Epub 20221021. doi: 10.1017/s1355617722000376. PubMed PMID: 36268843.
100. Liampas I, Hatzimanolis A, **Siokas V**, Yannakoulia M, Kosmidis MH, Sakka P, Hadjigeorgiou GM, Scarmeas N, Dardiotis E. Antihypertensive Medication Class and the Risk of Dementia and Cognitive Decline in Older Adults: A Secondary Analysis of the Prospective HELIAD Cohort. *J Alzheimers Dis*. 2022;89(2):709-19. doi: 10.3233/jad-220439. PubMed PMID: 35912747.
101. Liampas I, Bourlios S, **Siokas V**, Aloizou AM, Dervenis P, Nasios G, Bakirtzis C, Bogdanos DP, Dardiotis E. Vitamin D and tension-type headache: causal association or epiphenomenon? *Int J Neurosci*. 2022:1-11. Epub 20220809. doi: 10.1080/00207454.2022.2110495. PubMed PMID: 35924588.
102. Liampas I, **Siokas V**, Kyrozis A, Sakoutis G, Yannakoulia M, Kosmidis MH, Sakka P, Sakkas GK, Giannaki CD, Stefanidis I, Scarmeas N, Dardiotis E, Hadjigeorgiou GM. Prevalence and Determinants of Restless Legs Syndrome (Willis-Ekbom Disease) in an Older Greek Population. *Behav Sleep Med*. 2022:1-13. Epub 20220822. doi: 10.1080/15402002.2022.2112194. PubMed PMID: 35994615.
103. Nousia A, Pappa E, **Siokas V**, Liampas I, Tsouris Z, Messinis L, Patrikelis P, Manouilidou C, Dardiotis E, Nasios G. Evaluation of the Efficacy and Feasibility of a Telerehabilitation Program Using Language and Cognitive Exercises in Multi-Domain Amnesic Mild Cognitive Impairment. *Arch Clin Neuropsychol*. 2023;38(2):224-35. doi: 10.1093/arclin/acac078. PubMed PMID: 36156732.
104. Liampas I, Folia V, Morfakidou R, **Siokas V**, Yannakoulia M, Sakka P, Scarmeas N, Hadjigeorgiou G, Dardiotis E, Kosmidis MH. Language Differences Among Individuals with Normal Cognition, Amnesic and Non-Amnesic MCI, and Alzheimer's Disease. *Arch Clin Neuropsychol*. 2022. Epub 20221015. doi: 10.1093/arclin/acac080. PubMed PMID: 36244060.
105. **Siokas V**, Fleischmann R, Feil K, Liampas I, Kowarik MC, Bai Y, Stefanou MI, Poli S, Ziemann U, Dardiotis E, Mengel A. The Role of Vascular Risk Factors in Post-Stroke Delirium: A Systematic Review and Meta-Analysis. *J Clin Med*. 2022;11(19). Epub 20221001. doi: 10.3390/jcm11195835. PubMed PMID: 36233701; PubMed Central PMCID: PMC9571874.
106. **Siokas V**, Stamati P, Pateraki G, Liampas I, Aloizou AM, Tsirelis D, Nousia A, Sgantzios M, Nasios G, Bogdanos DP, Dardiotis E. Analysis of SOD2 rs4880 Genetic Variant in Patients with Alzheimer's Disease. *Curr Issues Mol Biol*. 2022;44(10):4406-14. Epub 20220921. doi: 10.3390/cimb44100302. PubMed PMID: 36286017; PubMed Central PMCID: PMC9600469.
107. **Siokas V**, Liampas I, Lyketsos CG, Dardiotis E. Association between Motor Signs and Cognitive Performance in Cognitively Unimpaired Older Adults: A Cross-Sectional Study Using the NACC Database. *Brain Sci*. 2022;12(10). Epub 20221008. doi: 10.3390/brainsci12101365. PubMed PMID: 36291299; PubMed Central PMCID: PMC9599814.
108. Liampas I, **Siokas V**, Ntanasi E, Kosmidis MH, Yannakoulia M, Sakka P, Hadjigeorgiou GM, Scarmeas N, Dardiotis E. Cognitive trajectories precluding the imminent onset of Alzheimer's disease dementia in individuals with normal cognition: results from the HELIAD cohort. *Aging Clin Exp Res*. 2023;35(1):41-51. Epub 20221102. doi: 10.1007/s40520-022-02265-y. PubMed PMID: 36322329; PubMed Central PMCID: PMC9816286.
109. Samara AA, Liampas I, Dadouli K, **Siokas V**, Zintzaras E, Stefanidis I, Daponte A, Sotiriou S, Dardiotis E.

Preeclampsia, gestational hypertension and incident dementia: A systematic review and meta-analysis of published evidence. *Pregnancy Hypertens.* 2022;30:192-7. Epub 20221019. doi: 10.1016/j.preghy.2022.10.008. PubMed PMID: 36323061.

110. Liampas I, **Siokas V**, Lyketsos CG, Dardiotis E. The Relationship between Neuropsychiatric Symptoms and Cognitive Performance in Older Adults with Normal Cognition. *Medicina (Kaunas).* 2022;58(11). Epub 20221103. doi: 10.3390/medicina58111586. PubMed PMID: 36363543; PubMed Central PMCID: PMC9694960.

111. Rikos D, **Siokas V**, Mentis AA, Aloizou AM, Liampas I, Tsouris Z, Peristeri E, Stamati P, Hadjigeorgiou GM, Dardiotis E. TREM2 R47H variant and risk for Alzheimer's disease: assessment in a Greek population and updated meta-analysis. *Int J Neurosci.* 2022:1-9. Epub 20221206. doi: 10.1080/00207454.2022.2150844. PubMed PMID: 36408688. (**equal contribution with first authorship**)

112. **Siokas V**, Mouliou DS, Liampas I, Aloizou AM, Folia V, Zoupa E, Papadimitriou A, Lavdas E, Bogdanos DP, Dardiotis E. Analysis of ADORA2A rs5760423 and CYP1A2 rs762551 Genetic Variants in Patients with Alzheimer's Disease. *Int J Mol Sci.* 2022;23(22). Epub 20221119. doi: 10.3390/ijms232214400. PubMed PMID: 36430879; PubMed Central PMCID: PMC9697425.

113. Papageorgiou E, Tsirelis D, Lazari K, **Siokas V**, Dardiotis E, Tsironi EE. Visual disorders and driving ability in persons with dementia: A mini review. *Front Hum Neurosci.* 2022;16:932820. Epub 20221129. doi: 10.3389/fnhum.2022.932820. PubMed PMID: 36523442; PubMed Central PMCID: PMC9744967.

114. Porfyri GN, Athanasiadou M, **Siokas V**, Giannoglou S, Skarpari S, Kikis M, Myroforidou A, Anoixa M, Zerakis N, Bonti E, Konsta A, Diakogiannis I, Rudolf J, Deretzi G. Mental health-related stigma discrimination and prejudices among Greek healthcare professionals. *Front Psychiatry.* 2022;13:1027304. Epub 20221130. doi: 10.3389/fpsy.2022.1027304. PubMed PMID: 36532175; PubMed Central PMCID: PMC9757138.

115. Tsiamalou A, Dardiotis E, Paterakis K, Fotakopoulos G, Liampas I, Sgantzios M, **Siokas V**, Brotis AG. EEG in Neurorehabilitation: A Bibliometric Analysis and Content Review. *Neurol Int.* 2022;14(4):1046-61. Epub 20221216. doi: 10.3390/neurolint14040084. PubMed PMID: 36548189; PubMed Central PMCID: PMC9782188.

116. Tsouris Z, Provas A, Bakirtzis C, Aloizou AM, **Siokas V**, Tsimourou V, Grigoriadis N, Hadjigeorgiou GM, Dardiotis E. Anti-MOG Positive Bilateral Optic Neuritis and Brainstem Encephalitis Secondary to COVID-19 Infection: A Case Report. *Neurol Int.* 2022;14(4):991-6. Epub 20221130. doi: 10.3390/neurolint14040078. PubMed PMID: 36548183; PubMed Central PMCID: PMC9782579.

117. Ntakou EA, Nasios G, Nousia A, **Siokas V**, Messinis L, Dardiotis E. Targeting Cerebellum with Non-Invasive Transcranial Magnetic or Current Stimulation after Cerebral Hemispheric Stroke-Insights for Corticocerebellar Network Reorganization: A Comprehensive Review. *Healthcare (Basel).* 2022;10(12). Epub 20221129. doi: 10.3390/healthcare10122401. PubMed PMID: 36553925; PubMed Central PMCID: PMC9778071. (**corresponding Author**)

118. Liampas I, Folia V, Zoupa E, **Siokas V**, Yannakoulia M, Sakka P, Hadjigeorgiou G, Scarmeas N, Dardiotis E, Kosmidis MH. Qualitative Verbal Fluency Components as Prognostic Factors for Developing Alzheimer's Dementia and Mild Cognitive Impairment: Results from the Population-Based HELIAD Cohort. *Medicina (Kaunas).* 2022;58(12). Epub 20221209. doi: 10.3390/medicina58121814. PubMed PMID: 36557016; PubMed Central PMCID: PMC9786933.

119. Liampas I, **Siokas V**, Lyketsos CG, Dardiotis E. Associations between neuropsychiatric symptoms and incident Alzheimer's dementia in men versus women. *J Neurol.* 2022. Epub 20221226. doi: 10.1007/s00415-022-11541-w. PubMed PMID: 36572715.

120. Zoupa E, Bogiatzidou O, **Siokas V**, Liampas I, Tzeferakos G, Mavreas V, Stylianidis S, Dardiotis E. Cognitive Rehabilitation in Schizophrenia-Associated Cognitive Impairment: A Review. *Neurol Int.*

2022;15(1):12-23. Epub 20221229. doi: 10.3390/neurolint15010002. PubMed PMID: 36648966; PubMed Central PMCID: PMCPMC9844333.

121. Papasavva M, Vikelis M, **Siokas V**, Katsarou MS, Dermitzakis EV, Raptis A, Kalliantasi A, Dardiotis E, Drakoulis N. Variability in oxidative stress-related genes (SOD2, CAT, GPX1, GSTP1, NOS3, NFE2L2, and UCP2) and susceptibility to migraine clinical phenotypes and features. *Front Neurol.* 2022;13:1054333. Epub 20230109. doi: 10.3389/fneur.2022.1054333. PubMed PMID: 36698892; PubMed Central PMCID: PMCPMC9868718.

122. Dardiotis E, Skouras P, Varvarelis OP, Aloizou AM, Hernández AF, Liampas I, Rikos D, Dastamani M, Golokhvast KS, Bogdanos DP, Tsatsakis A, **Siokas V**, Mitsias PD, Hadjigeorgiou GM. Pesticides and tremor: An overview of association, mechanisms and confounders. *Environ Res.* 2023;115442. Epub 20230207. doi: 10.1016/j.envres.2023.115442. PubMed PMID: 36758916.

123. Georgopoulou EN, Nousia A, **Siokas V**, Martzoukou M, Zoupa E, Messinis L, Dardiotis E, Nasios G. Computer-Based Cognitive Training vs. Paper-and-Pencil Training for Language and Cognitive Deficits in Greek Patients with Mild Alzheimer's Disease: A Preliminary Study. *Healthcare (Basel).* 2023;11(3). Epub 20230203. doi: 10.3390/healthcare11030443. PubMed PMID: 36767018; PubMed Central PMCID: PMCPMC9914594.

124. **Siokas V**, Roesch S, Stefanou MI, Buesink R, Wilke V, Sartor-Pfeiffer J, Adeyemi K, Poli S, Dardiotis E, Ziemann U, Feil K, Mengel A. Effects of Melatonin Administration on Post-Stroke Delirium in Patients with Intracerebral Hemorrhage. *J Clin Med.* 2023;12(5). Epub 20230301. doi: 10.3390/jcm12051937. PubMed PMID: 36902724; PubMed Central PMCID: PMCPMC10004342.

125. Dimitriou N, Bakirtzis C, Nteli E, Nousia A, **Siokas V**, Malefaki S, Messinis L, El-Wahsh S, Virvidaki IE, Grigoriadis P, Dardiotis E, Nasios G. Adaptation and validation of the Greek version of the Speech Pathology-Specific Questionnaire for Persons with Multiple Sclerosis (SMS). *Int J Speech Lang Pathol.* 2024;26(1):59-67. Epub 20230804. doi: 10.1080/17549507.2023.2180094. PubMed PMID: 37539484.

126. International Multiple Sclerosis Genetics Consortium (IMSGC), MultipleMS Consortium. Locus for severity implicates CNS resilience in progression of multiple sclerosis. *Nature.* 2023;619(7969):323-31. Epub 20230628. doi: 10.1038/s41586-023-06250-x. PubMed PMID: 37380766; PubMed Central PMCID: PMCPMC10602210.

127. **Siokas V**, Liampas I, Aloizou AM, Bakirtzis C, Tsouris Z, Nousia A, Nasios G, Papadimitriou D, Lavdas E, Liakos P, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. Lack of Association between CD33 rs3865444 and Amyotrophic Lateral Sclerosis: A Case-Control Study. *J Integr Neurosci.* 2023;22(4):106. doi: 10.31083/j.jin2204106. PubMed PMID: 37519183.

128. Liampas I, **Siokas V**, Lyketsos CG, Dardiotis E. Cognitive Performance and Incident Alzheimer's Dementia in Men Versus Women. *J Prev Alzheimers Dis.* 2024;11(1):162-70. doi: 10.14283/jpad.2023.90. PubMed PMID: 38230729; PubMed Central PMCID: PMCPMC10794850.

129. Ntasiopoulou C, Nasios G, Messinis L, Nousia A, **Siokas V**, Dardiotis E. Repetitive Transcranial Magnetic Stimulation in Post-stroke Aphasia: Comparative Evaluation of Inhibitory and Excitatory Therapeutic Protocols: Narrative Review. *Adv Exp Med Biol.* 2023;1425:619-28. doi: 10.1007/978-3-031-31986-0\_60. PubMed PMID: 37581835.

130. Papanikolaou K, Nasios G, Nousia A, **Siokas V**, Messinis L, Dardiotis E. Noninvasive Brain Stimulation in Primary Progressive Aphasia: A Literature Review. *Adv Exp Med Biol.* 2023;1425:567-74. doi: 10.1007/978-3-031-31986-0\_55. PubMed PMID: 37581830.

131. Papasavva M, Vikelis M, **Siokas V**, Katsarou MS, Dermitzakis EV, Raptis A, Dardiotis E, Drakoulis N. Genetic Variability in Vitamin D Receptor and Migraine Susceptibility: A Southeastern European Case-Control Study. *Neurol Int.* 2023;15(3):1117-28. Epub 20230905. doi: 10.3390/neurolint15030069. PubMed PMID: 37755360; PubMed Central PMCID: PMCPMC10536141.

132. Bairami S, Folia V, Liampas I, Ntanasi E, Patrikelis P, **Siokas V**, Yannakoulia M, Sakka P, Hadjigeorgiou G, Scarneas N, Dardiotis E, Kosmidis MH. Exploring Verbal Fluency Strategies among Individuals with Normal Cognition, Amnesic and Non-Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. *Medicina (Kaunas)*. 2023;59(10). Epub 20231019. doi: 10.3390/medicina59101860. PubMed PMID: 37893577; PubMed Central PMCID: PMCPMC10608566.
133. Hofmann A, Blum C, Single C, Adeyemi K, Schwarz P, **Siokas V**, Rattay TW, Häberle HA, Riessen R, Brendel B, Haug I, Bösel R, Zago M, Martus P, Ziemann U, Mengel A, Feil K. Amantadine for Neuroenhancement in acute patients Study - a protocol for a prospective pilot proof of concept phase IIb study in intensive and intermediate care unit patients (ANNES). *BMC Neurol*. 2023;23(1):308. Epub 20230822. doi: 10.1186/s12883-023-03345-w. PubMed PMID: 37608315; PubMed Central PMCID: PMCPMC10464325.
134. Porfyri GN, Athanasiadou M, **Siokas V**, Angelopoulos K, Skarpari S, Zagalioti SC, Dardiotis E, Rudolf J, Deretzi G, Konsta A, Diakogiannis I. Mental illness through the perspective of undergraduate medical students in Greece: a cross-sectional study at Aristotle University of Thessaloniki. *Front Psychiatry*. 2023;14:1228539. Epub 20231031. doi: 10.3389/fpsy.2023.1228539. PubMed PMID: 38025465; PubMed Central PMCID: PMCPMC10646174.
135. Liampas I, **Siokas V**, Zoupa E, Lyketsos CG, Dardiotis E. Neuropsychiatric symptoms and incident Lewy body dementia in male versus female older adults with mild cognitive impairment. *Psychiatry Clin Neurosci*. 2024;78(2):144-6. Epub 20231215. doi: 10.1111/pcn.13621. PubMed PMID: 37984431; PubMed Central PMCID: PMCPMC10842787.
136. Liampas I, Kyriakouloupoulou P, **Siokas V**, Tsiamaki E, Stamati P, Kefalopoulou Z, Chroni E, Dardiotis E. Apolipoprotein E Gene in  $\alpha$ -Synucleinopathies: A Narrative Review. *Int J Mol Sci*. 2024;25(3). Epub 20240201. doi: 10.3390/ijms25031795. PubMed PMID: 38339074; PubMed Central PMCID: PMCPMC10855384.
137. Cicek B, Hacimuftuoglu A, Yeni Y, Kuzucu M, Genc S, Cetin A, Yavuz E, Danisman B, Levent A, Ozdokur KV, Kantarcı M, Docea AO, **Siokas V**, Tsarouhas K, Coleman MD, Tsatsakis A, Taghizadehghalehjoughi A. AuNPs with *Cynara scolymus* leaf extracts rescue arsenic-induced neurobehavioral deficits and hippocampal tissue toxicity in Balb/c mice through D1R and D2R activation. *Environ Toxicol Pharmacol*. 2024;107:104417. Epub 20240315. doi: 10.1016/j.etap.2024.104417. PubMed PMID: 38493879.
138. Tsika A, Stamati P, Tsouris Z, Provatas A, Papa A, Tsimoulis D, Ralli S, **Siokas V**, Dardiotis E. Acute Anterior Choroidal Artery Territory Infarction: A Case Series Report. *Neurol Int*. 2024;16(2):289-98. Epub 20240229. doi: 10.3390/neurolint16020020. PubMed PMID: 38525700; PubMed Central PMCID: PMCPMC10961810.
139. Liampas I, Danga F, Kyriakouloupoulou P, **Siokas V**, Stamati P, Messinis L, Dardiotis E, Nasios G. The Contribution of Functional Near-Infrared Spectroscopy (fNIRS) to the Study of Neurodegenerative Disorders: A Narrative Review. *Diagnostics (Basel)*. 2024;14(6). Epub 20240321. doi: 10.3390/diagnostics14060663. PubMed PMID: 38535081; PubMed Central PMCID: PMCPMC10969335.
140. Liampas I, **Siokas V**, Zoupa E, Kyriakouloupoulou P, Stamati P, Provatas A, Tsouris Z, Tsimourtou V, Lyketsos CG, Dardiotis E. Neuropsychiatric symptoms and white matter hyperintensities in older adults without dementia. *Int Psychogeriatr*. 2024:1-13. Epub 20240419. doi: 10.1017/s1041610224000607. PubMed PMID: 38639110.
141. Doskas T, Vadikolias K, Ntoskas K, Vavougiou GD, Tsiptsios D, Stamati P, Liampas I, **Siokas V**, Messinis L, Nasios G, Dardiotis E. Neurocognitive Impairment and Social Cognition in Parkinson's Disease Patients. *Neurol Int*. 2024;16(2):432-49. Epub 20240416. doi: 10.3390/neurolint16020032. PubMed PMID: 38668129; PubMed Central PMCID: PMCPMC11054167.



142. Liampas I, **Siokas V**, Kyrozis A, Sakoutis G, Yannakoulia M, Kosmidis MH, Sakka P, Scarmeas N, Hadjigeorgiou GM, Dardiotis E. Longitudinal Cognitive Trajectories in Older Adults with Restless Legs Syndrome or Willis-Ekbom Disease. *Life (Basel)*. 2024;14(4). Epub 20240324. doi: 10.3390/life14040430. PubMed PMID: 38672702; PubMed Central PMCID: PMCPMC11051192.
143. Liampas I, Dimitriou N, **Siokas V**, Messinis L, Nasios G, Dardiotis E. Cognitive trajectories precluding the onset of different dementia entities: a descriptive longitudinal study using the NACC database. *Aging Clin Exp Res*. 2024;36(1):119. Epub 20240523. doi: 10.1007/s40520-024-02769-9. PubMed PMID: 38780681; PubMed Central PMCID: PMCPMC11116253.
144. Tsirelis D, Tsekouras A, Stamati P, Liampas I, Zoupa E, Dastamani M, Tsouris Z, Papadimitriou A, Dardiotis E, **Siokas V**. The impact of genetic factors on the response to migraine therapy. *Rev Neurosci*. 2024. Epub 20240611. doi: 10.1515/revneuro-2024-0045. PubMed PMID: 38856190.
145. Liampas I, Kyriakouloupoulou P, Akrioti A, Stamati P, Germeni A, Batzikosta P, Tsiamaki E, Veltsista D, Kefalopoulou Z, **Siokas V**, Chroni E, Dardiotis E. Cognitive deficits and course of recovery in transient global amnesia: a systematic review. *J Neurol*. 2024. Epub 20240801. doi: 10.1007/s00415-024-12563-2. PubMed PMID: 39090229.

### Non-PubMed/PMC

- N001. Aloizou A-M, **Siokas V**, Mentis A-FA, Dastamani M, Sokratous M, Xiromerisiou G, Mitsias PD, Hadjigeorgiou GM, Dardiotis E. Advancements in the Treatment of Cerebrovascular Complications of Cancer. *Current Treatment Options in Neurology*. 2020;22(6):16. doi: 10.1007/s11940-020-00624-6. (**equal contribution with first authorship**)
- N002. Nousia A, Aretouli E, **Siokas V**, Nasios G, Messinis L, Dardiotis E. The impact of cognitive training in mild cognitive impairment and early stage Alzheimer's disease. A selective review. *EC Neurology*. 2018;10(4):270-8.
- N003. Tsolaki M, Frontistis A, Devranis P, Zilakaki M, Saoulidis I, **Siokas V**, Papagiannis I, Eleni L, Papatolis E, Pityrigkas E, Poulidou V, Chartampila E, Petteimeridou S, Halivni H, Cheng C, Tegos T. Brain Disorders at Admission, During and After SARS-CoV-2 Infection. *Acta Scientific Neurology* 4.2 (2021): 37-50.
- N004. **Vasileios Siokas**, Athina-Maria Aloizou, Georgia Xiromerisiou, Georgios M. Hadjigeorgiou, Efthimios Dardiotis. NIEMANN-PICK TYPE C: CLINICAL CHARACTERISTICS, DIAGNOSIS, AND MANAGEMENT. A MINI-REVIEW. *Archives of Clinical Neurology*.
- N005. Antonios Provasas, Anna Tasoudi, Zisis Tsouris, **Vasileios Siokas**, Georgia Xiromerisiou, Efthimios Dardiotis. WILSON DISEASE: CLINICAL CHARACTERISTICS, DIAGNOSIS, AND MANAGEMENT. *Archives of Clinical Neurology*.
- N006. **Siokas V**. (Commentary) The role of lung microbiome on multiple sclerosis, *ERAD*, 2022, Volume 1, Issue (2), pages 1-3
- N007. Dardiotis E, **Siokas V**, Bogdanos DP. The effect of anti-rheumatic drugs in reducing the risk of Parkinson's disease in patients with rheumatoid arthritis. *ERAD*, 2022, Volume 1, Issue (3), pages 1-3
- N008. Triantafyllos K. Doskas, Athina-Maria Aloizou, **Vasileios Siokas**, Konstantinos T. Ntoskas, George D. Vavougiou, Efthimios Dardiotis. HIGH-DOSE MIRTAPAZINE IMPROVES PAIN, CRYESTHESIA AND DYSKINESIAS IN PARKINSON'S DISEASE: A CASE REPORT. *Archives of Clinical Neurology*. Τόμ. 32 Αρ. 3 (2023): Τόμος 32, Τεύχος 3, 2023
- N009. Zisis Tsouris, Polyxeni Stamati, Antonios Provasas, Evangelos Sakalakis, Antonia Tsika, Vana Tsimourtou, **Vasileios Siokas**, Efthimios Dardiotis. YOUNG FEMALE PATIENT WITH MOG

ANTIBODY ASSOCIATED DISEASE AND CLINICAL AND RADIOLOGICAL DISEASE PROGRESSION: A CASE REPORT. Archives of Clinical Neurology. Τόμ. 33 Αρ. 1 (2024): Τόμος 33, Τεύχος 1, 2024

N010. Dimitrios Mysiris, Polyxeni Stamati, Zisis Tsouris, Antonia Tsika, Antonios Provatas, Styliani Ralli, **Vasileios Siokas**, Efthimios Dardiotis. RESPIRATORY FAILURE AS THE INITIAL CLINICAL MANIFESTATION OF MYASTHENIA GRAVIS IN THE INTENSIVE CARE UNIT: A CASE REPORT. Archives of Clinical Neurology. Τόμ. 33 Αρ. 1 (2024): Τόμος 33, Τεύχος 1, 2024

N011. M Tsolaki, I Katsoulas, E Dardiotis, **V Siokas**, S Christodoulou, E Arnaoutoglou. Cauda Equina Syndrome due to Arachnoiditis after Cesarean Section Under Combined Spinal-Epidural Anesthesia. Clin Case Rep Int. 2024; 8 1672

N012. Mengel A, **Siokas V**, Buesink R, Roesch S, Laichinger K, Ferizi R, Dardiotis E, Schwarz P, Sartor-Pfeiffer J, Single C, Giede-Jeppe A, Hauser T-K, Poli S, Krumbholz M, Ziemann U, Feil K. Continuous arterial blood pressure indices and early hematoma expansion in patients with spontaneous intracerebral hemorrhage. Brain Hemorrhages. 2024. doi: <https://doi.org/10.1016/j.hest.2024.06.001>.

## Books

01. **Siokas V**, Aloizou A-M, Pateraki G, Liampas I, Mitsias PD, Bogdanos DP, Dardiotis E. Chapter 21 - Toxicology of neurodegenerative diseases. In: Tsatsakis AM, editor. Toxicological Risk Assessment and Multi-System Health Impacts from Exposure: Academic Press; 2021. p. 247-58. Paperback ISBN: 9780323852159, eBook ISBN: 9780323853583.

02. Liampas I, **Siokas V**, Bakirtzis C, Dardiotis E. Vitamin B12, Folate and Migraine, Martin, Patel, and Preedy - Vitamins and Minerals in Neurological Disorders (Book Editor Vinood B. Patel) In Presse accepted Chapter

03. Από το Σύνηθες Σύμπτωμα στην Τελική Διάγνωση (e-book) Συγγραφέας: Alzheimer Hellas, Μάγδα Τσολάκη και συνεργάτες, Εκδοτικός Οίκος: Εκδόσεις iWrite, ebook ISBN: 978-960-627-136-6, ebook Edition: Ιούνιος 2020

04. Aloizou A-M, **Siokas V**, Efthymiou G, Tsigalou C, Dardiotis E, Bogdanos DP. Current Challenges in Research with Exploring the Microbial Pathomechanisms of Autoimmune Diseases. In: Dwivedi MK, Sankaranarayanan A, Kemp EH, Shoenfeld Y, editors. Role of Microorganisms in Pathogenesis and Management of Autoimmune Diseases: Volume II: Kidney, Central Nervous System, Eye, Blood, Blood Vessels & Bowel. Singapore: Springer Nature Singapore; 2022. p. 469-88.

05. "Repetitive Transcranial Magnetic Stimulation in Post Stroke Aphasia Comparative evaluation of Inhibitory and Excitatory therapeutic protocols: Narrative Review" GENEDIS 35 and "Non-invasive Brain Stimulation in Primary Progressive Aphasia: a literature review" (GENEDIS 53), will be published at GeNeDis 2022 Neuroscientific Advances <https://link.springer.com/book/9783031319853>

