

MEMORIU ȘTIINȚIFIC - ACTIVITATE 2019-2025
STUDENT DOCTORAND IOGHEN OCTAVIAN COSTIN

Articole științifice publicate în reviste indexate ISI

1. **loghen OC**, Gaina G, Lambrescu I, Manole E, Pop S, Niculescu TM, Mosoia O, Ceafalan LC, Popescu BO. Bacterial products initiation of alpha-synuclein pathology: an in vitro study. Scientific Reports. 2024 ;14(1):30306. doi: 10.1038/s41598-024-81020-x

Revistă ISI, Factor de impact = 3.8

2. **loghen OC**, Ceafalan LC, Popescu BO. SH-SY5Y Cell Line In Vitro Models for Parkinson Disease Research-Old Practice for New Trends. Journal of Integrative Neuroscience. 2023 ;22(1):20. doi: 10.31083/j.jin2201020

Revistă ISI, Factor de impact = 2.5

3. **loghen OC**, Chițoiu L, Gherghiceanu M, Ceafalan LC, Hinescu ME. CD36 - A novel molecular target in the neurovascular unit. Eur J Neurosci. 2021 Apr;53(8):2500-2510

Revistă ISI, Factor de impact = 2.7

4. Manole E, Niculite C, Lambrescu IM, Gaina G, **loghen OC**, Ceafalan LCC, Hinescu ME. Macrophages and Stem Cells—Two to Tango for Tissue Repair? Biomolecules. 2021: 11(5), 697

Revistă ISI, Factor de impact = 4.8

Articole științifice publicate în reviste BDI

1. **loghen OC**, loghen MR, Popescu BO. Neurodegeneration: A Tale of Microbes and Neurons. Modern Medicine. 2025; 32(1); <https://doi.org/10.31689/rmm.2025.32.1.7>

Capitole de carte

1. Ceafalan LC, Niculae AM, **loghen O**, Gherghiceanu M, Hinescu ME. Metastatic potential: focus on lipid transport with emphasis on CD36 . Capitol de carte in Ammad Farooqi A, Qureshi MZ, Sabitaliyevi UY,

editors. Unraveling the Complexities of Metastasis: Transition from a Segmented View to a Conceptual Continuum. Academic Press: Elsevier; 2022

2. **O loghen**, E Manole, M Gherghiceanu, BO Popescu, LC Ceafalan. Non-myelinating Schwann Cells in Health and Disease. Capitol de carte în FH Rossi, SJ Baloyannis, Welwin Liu (eds.). Demyelination Disorders, 2022. IntechOpen, London

3. M Gherghiceanu ,N Alexandru, SL Magda, AConstantin,M Nemecz, A Filippi, **OC loghen** et al. Part One: Extracellular Vesicles as Valuable Players in Diabetic Cardiovascular Diseases. Capitol de carte in A. i. De Bona, J. A. R. Calderon (eds.), Extracellular Vesicles and Their Importance in Human Health, 2019. IntechOpen, London

4. LC Ceafalan, **OC loghen**, DS Marta, A Constantin, N Alexandru et al. Part two: Extracellular Vesicles as a Risk Factor in Neurodegenerative Diseases. Capitol de carte in A. i. De Bona, J. A. R. Calderon (eds.), Extracellular Vesicles and Their Importance in Human Health, 2019. IntechOpen, London

Participari la congrese nationale si internationale

Cele mai importante prezentari la congrese:

1. loghen OC, Stefan S, Ioan PA, Antochi FA. Painful ophtalmoplegia and visual loss – when patients with acute rhinosinusitis see the neurologist. European Academy of Neurology Congress, 2023,Budapest, poster presentation
2. Diana Dumitrascu, Octavian loghen, Patricia Ioan, Athena Ribigan, Raluca Badea, Florina Antochi ALAMEDA - A new dawn in predicting brain disease aggraviation. European Academy of Neurology Congress, 2022, Wien, poster presentation
3. loghen OC, Antochi FA. Provocari in diagnosticul si tratamentul hipertensiunii intracraniene idiopatice. Congresul Societatii de Neurologie din Romania, noiembrie 2021 – prezentare orala
4. Ioan P, Ribigan A, Badea R, loghen O, Ciocan A, Bunea C, Antochi F. Secondary headache caused by a postraumatic cerebrospinal fluid fistula (CSF-F) in a pregnant patient. European Academy of Neurology Congress, 2021, ePoster (Virtual)
5. loghen OC, Ioan P, Badea R, Bunea C, Dumitrascu D, Ciocan A, Antochi F, Bajenaru O. A clinical case of hemodynamic stroke during carotid artery stenting. Congresul National al Societatii Romane de Neurologie, 2020 editia a 18-a (Virtual)
6. loghen OC, Ioan P, Badea R, Antochi F, Bajenaru O. Tolosa-Hunt syndrome in a patient with hypersensitivity reaction to systemic corticosteroids. Congresul National al Societatii Romane de Neurologie, 2020 editia a 18-a (Virtual)

7. P.A. Ioan, O.C. Ioghen, A.-C. Ribigan, F. Antochi, O.A. Bajenaru. A possible link between Cisplatin treatment and tau pathology (an overlap between Progressive Supranuclear Palsy and Frontotemporal Degeneration). European Academy of Neurology Congress, 2020, Paris (Virtual)
8. A.C. Ribigan, R.S. Badea, B. Dorobat, A. Dimitriade, A. Carp, O.C. Ioghen, D. Dumitrascu, F. Antochi, O. Bajenaru. External Cerebral Artery Stenting – A Good Strategy to Preserve Cerebral Circulation in a Patient with Ipsilateral Internal Carotid Artery Occlusion. European Academy of Neurology Congress, 2020, Paris (Virtual)
9. O.C. Ioghen, P.A. Ioan, D. Dumitrescu, R.S. Badea, D. Dumitrascu, A. Ciocan, A.C. Ribigan, F. Antochi, O.A. Bajenaru. Optochiasmatic glioma - a rare, yet aggressive disease in adulthood. European Academy of Neurology Congress, 2020, Paris (Virtual)
10. Bunea C, Ioghen OC, Dumitrascu D, Antochi FA. Personalized treatment of the patient with ischemic stroke and severe systemic atherosclerosis. Congresul National al Societatii Romane de Neurologie, 2020 editia a 18-a (Virtual)
11. Ioghen OC, Badea RS, Ribigan A, Antochi FA, Bajenaru O. Two clinical cases of treating restenosis after carotid endarterectomy with carotid artery stenting. 5th Congress of the European Academy of Neurology, Oslo, Norway, 2019

Contracte de cercetare

Câștigător al Grantului Intern de Cercetare de Excelență pentru doctoranzi - Proiect EURO-MEDEx - 33PFE/2021 Universitatea de Medicină și Farmacie "Carol Davila" București
Director de proiect, titlul proiectului de cercetare : Studierea mecanismelor de agregare și propagare a alfa-sinucleinei în boala Parkinson pe modele experimentale in vitro

Burse

Castigator al Bursei educationale "Profesor Ovidiu Alexandru Bajenaru" 2025 acordata de Fundatia Societatii de Neurologie din Romania

Castigator al bursei acordate de European Academy of Neurology pentru participare activa la Congresul European Academy of Neurology in 2022 si 2023