

**ARTICOLE ȘTIINȚIFICE ISI in extenso – INDEXATE WEB OF
SCIENCE Core Collection - H-index:29**

1. Sharma HS, Feng LY, Chen L, Huang HY, Tian ZR, Nozari A, **Muresanu DF**, Lafuente JV, Castellani RJ, Wiklund L, Sharma A, **Cerebrolysin Attenuates Exacerbation of Neuropathic Pain, Blood-spinal Cord Barrier Breakdown and Cord Pathology Following Chronic Intoxication of Engineered Ag, Cu or Al (50-60 nm) Nanoparticles**, *NEUROCHEMICAL RESEARCH*, JAN 2023, Article, Early Access, DOI:10.1007/s11064-023-03861-8, WOS:000922448200001, IDS Number: 8J5IC, ISSN: 0364-3190, eISSN: 1573-6903 (IF: 4.414, Q2)
2. Draghici NC, Leucuta DC, Ciobanu DM, Stan AD, Lupescu TD, **Muresanu DF**, **Clinical Utility of Boston-CTS and Six-Item CTS Questionnaires in Carpal Tunnel Syndrome Associated with Diabetic Polyneuropathy**, *DIAGNOSTICS*, JAN 2023, Volume: 13, Issue: 1, Article Number: 4, DOI:10.3390/diagnostics13010004, WOS:000909079800001, IDS Number: 7Q0IG, eISSN: 2075-4418 (IF: 3.992, Q2)
3. Popa LL, Chira D, Dabala V, Hapca E, Popescu BO, Dina C, Chereches R, Strilciuc S, **Muresanu DF**, **Quantitative EEG as a Biomarker in Evaluating Post-Stroke Depression**, *DIAGNOSTICS*, JAN 2023, Volume: 13, Issue: 1, Article Number: 49, DOI:10.3390/diagnostics13010049, WOS:000908876200001, IDS Number: 7P7JC, eISSN: 2075-4418 (IF: 3.992, Q2)
4. Stan A, Ilut S, Dragos HM, Bota C, Hanghichel PN, Cristian A, Vlad I, Mocanu D, Strilciuc S, Panaitescu PS, Stan H, **Muresanu DF**, **The Burden of Cerebral Venous Thrombosis in a Romanian Population across a 5-Year Period**, *LIFE-BASEL*, NOV 2022, Volume: 12, Issue: 11, Article Number: 1825, DOI:10.3390/life12111825, WOS:000886116100001, IDS Number: 6I4RP, eISSN: 2075-1729 (IF: 3.253, Q2)
5. Vacaras V, Hapca E, Isachi ID, Vacaras C, **Muresanu DF**, **Steinert's disease, from assumption to certainty in neurological practice**, *BALNEO AND PRM RESEARCH JOURNAL*, SEP 2022, Volume: 13, Issue: 3, Article Number: 515, DOI: 10.12680/balneo.2022.515, WOS:000884755700006, IDS Number: 6G4WP, ISSN: 2734-844X, eISSN: 2734-8458 (fără IF)
6. Tatomir A, Cuevas J, Badea TC, **Muresanu DF**, Rus V, Rus H, **Role of RGC-32 in multiple sclerosis and neuroinflammation - few answers and many questions**, *FRONTIERS IN IMMUNOLOGY*, SEP 2022, Volume: 13, Article Number: 979414, DOI: 10.3389/fimmu.2022.979414, WOS:000860612400001, IDS Number: 4X1LV, ISSN: 1664-3224 (IF: 8.787, Q1)
7. Muresanu IA, Grad DA, **Muresanu DF**, Hapca E, Benedek I, Jemna N, Strilciuc S, Popescu BO, Perju-Dumbrava L, Chereches RM, **The Effect of Cerebrolysin on Anxiety, Depression, and Cognition in Moderate and Severe Traumatic Brain Injury Patients: A CAPTAIN II Retrospective Trial Analysis**, *MEDICINA-LITHUANIA*, MAY 2022, Volume: 58, Issue: 5, Article Number: 648, DOI:

10.3390/medicina58050648, WOS:000803631900001, IDS Number: 1R8RU, ISSN: 1010-660X, eISSN: 1648-9144 (IF: 2.948, Q2)

8. Muresanu DF, Popa LL, Chira D, Dabala V, Hapca E, Vlad I, Vitalie V, Popescu BO, Chereches R, Strilciuc S, Brainin M, **Role and Impact of Cerebrolysin for Ischemic Stroke Care**, *JOURNAL OF CLINICAL MEDICINE*, MAR 2022, Volume: 11, Issue: 5, Article Number: 1273, DOI: 10.3390/jcm11051273, WOS:000768509400001, IDS Number: ZS5MD, eISSN: 2077-0383 (IF: 4.242, Q1)
9. Leone MA, Mandrioli J, Russo S, Cucovici A, Gianferrari G, Lisnic V, **Muresanu DF**, Giuliani F, Copetti M, Fontana A, **Neutrophils-to-Lymphocyte Ratio Is Associated with Progression and Overall Survival in Amyotrophic Lateral Sclerosis**, *BIOMEDICINES*, FEB 2022, Volume: 10, Issue: 2, Article Number: 354, DOI: 10.3390/biomedicines10020354, WOS:000769511300001, IDS Number: ZU0BI, eISSN: 2227-9059 (IF: 6.081, Q1)
10. Hupperts V, Guida S, Holdoway A, Strilciuc S, Baijens L, Schols JMGA, van Helvoort A, Lansink A, **Muresanu DF**, **Impaired Nutritional Condition After Stroke From the Hyperacute to the Chronic Phase: A Systematic Review and Meta-Analysis**, *FRONTIERS IN NEUROLOGY*, FEB 2022, Volume: 12, Issue: 22, Article Number: 780080, DOI: 10.3389/fneur.2021.780080, WOS:000761029700001, IDS Number: ZH6EM, ISSN: 1664-2295 (IF: 4.003, Q2)
11. Barac IS, Iancu M, Vacaras V, Cozma A, Negrean V, Sampelean D, **Muresanu DF**, Procopciuc LM, **Potential Contribution of IL-27 and IL-23 Gene Polymorphisms to Multiple Sclerosis Susceptibility: An Association Analysis at Genotype and Haplotype Level**, *JOURNAL OF CLINICAL MEDICINE*, JAN 2022, Volume: 11, Issue: 1, Article Number: 37, DOI: 10.3390/jcm11010037, WOS:000751188600001, IDS Number: YT2IF, eISSN: 2077-0383 (IF: 4.242, Q1)
12. Davidescu EI, Odajiu I, Sabdu CD, Ghergu A, Luca D, **Muresanu DF**, Popescu BO, **Real-World Data Regarding Long-Term Administration of Natalizumab Derived from a Neurology Department along with Literature Review**, *CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS*, 2022, Volume: 21, Issue: 4, Page: 326-334, DOI: 10.2174/1871527320666210827113733, WOS:000754262800005, IDS Number: YX7EX, ISSN: 1871-5273, eISSN: 1996-3181 (IF: 2.824, Q3)
13. D'Inverno, Giuseppe Alessio; Brunetti, Sara; Sampoli, Maria Lucia; **Muresanu, Dafin Fior**; Rufa, Alessandra; Bianchini, Monica; **Visual Sequential Search Test Analysis: An Algorithmic Approach**, *MATHEMATICS*, NOV 2021, Volume: 9, Issue: 22, Page: 1-13, Article Number: 2952, DOI: 10.3390/math9222952, WOS:000723935000001, IDS Number: XF2VY, eISSN: 2227-7390 (IF: 2.259, Q1)
14. Barac, Ioana S.; Vacaras, Vitalie; Cozma, Angela; Valeanu, Madalina; Decea, Nicoleta; **Muresanu, Dafin F.**; Procopciuc, Lucia M, **IN VIVO, IL27 T4730C Polymorphism and Serology in Multiple Sclerosis: A Pilot Study**, *IN VIVO*, SEP-OCT 2021, Volume: 35, Issue: 5, Page: 2845-2853, Article, DOI: 10.21873/invivo.12572, WOS: 000691746000018, IDS Number: UK1OZ, ISSN: 0258-851X, eISSN: 1791-7549 (IF: 2.155, Q4)
15. Vacaras, Vitalie; Maior, Tiberiu; Muntiu, Aurora; Talos, Aurora; **Muresanu, Dafin-Fior**, **Foramen Magnum Meningioma – Acommon histological tumor in a rare location**, *BALNEO AND PRM RESEARCH JOURNAL*, SEP 2021, Volume: 12, Issue: 3, Page:

- 280-283, DOI: 10.12680/balneo.2021.450, WOS:000686373200012, IDS Number: UC2PC, ISSN: 2734-844X, eISSN: 2734-8458 (fără IF)
16. Stanca, Delia-Maria; Seres, Daniela Larisa; Rusca, Mihaela; Achim, Andra; **Muresanu, Dafin Fior, Community-acquired Klebsiella pneumoniae systemic infection complicated with rhombencephalitis, *CLINICAL CASE REPORTS***, Early Access: AUG 2021, DOI: 10.1002/ccr3.3666, WOS: 000684508100001, IDS Number: TZ5JG, ISSN: 2050-0904 (fără IF)
 17. Tatomir, Alexandru; Beltrand, Austin; Nguyen, Vinh; Courneya, Jean-Paul; Boodhoo, Dallas; Cudrici, Cornelia; **Muresanu, Dafin F.; Rus, Violeta; Badea, Tudor C.; Rus, Horea, RGC-32 Acts as a Hub to Regulate the Transcriptomic Changes Associated With Astrocyte Development and Reactive Astrocytosis, *FRONTIERS IN IMMUNOLOGY***, 29 JUL 2021, Volume: 12, Article Number: 705308, DOI: 10.3389/fimmu.2021.705308, WOS: 000691317000001, IDS Number: UJ5HW, ISSN: 1664-3224 (IF: 7.561, Q1)
 18. Cucovici, Aliona; Ivashynka, Andrei; Fontana, Andrea; Russo, Sergio; Mazzini, Letizia; Mandrioli, Jessica; Lisnic, Vitalie; **Muresanu, Dafin Fior; Leone, Maurizio Angelo, Coffee and Tea Consumption Impact on Amyotrophic Lateral Sclerosis Progression: A Multicenter Cross-Sectional Study, *FRONTIERS IN NEUROLOGY***, 28 JUL 2021, Volume: 12, Article Number: 637939, DOI: 10.3389/fneur.2021.637939, WOS: 000683865300001, IDS Number: TY6AQ, ISSN: 1664-2295 (IF: 4.003, Q2)
 19. Popa, Livia Livint; Iancu, Mihaela; Livint, Gheorghe; Balea, Maria; Dina, Constantin; Vacaras, Vitalie; Vladescu, Cristian; Balanescu, Laura; Buzoianu, Anca Dana; Strilciuc, Stefan; **Muresanu, Dafin, N-Prep-12 supplementation after ischemic stroke positively impacts frequency domain QEEG, *NEUROLOGICAL SCIENCES***, Early Access: JUN 2021, DOI: 10.1007/s10072-021-05406-9, WOS: 000668235100003, IDS Number: TB8ZU, ISSN: 1590-1874, eISSN:1590-3478 (IF: 3.307, Q3)
 20. Beghi, Ettore; Binder, Heinrich; Birle, Codruta; Bornstein, Natan; Diserens, Karin; Groppa, Stanislav; Homberg, Volker; Lisnic, Vitalie; Pugliatti, Maura; Randall, Gary; Saltuari, Leopold; Strilciuc, Stefan; Vester, Johannes; **Muresanu, Dafin, European Academy of Neurology and European Federation of Neurorehabilitation Societies guideline on pharmacological support in early motor rehabilitation after acute ischaemic stroke, *EUROPEAN JOURNAL OF NEUROLOGY***, Published: SEP 2021, Early Access: JUN 2021, Volume: 28, Issue: 9, Page: 2831-2845, DOI: 10.1111/ene.14936, WOS: 000664470700001, IDS Number: TZ1OE, ISSN: 1351-5101, eISSN: 1468-1331 (IF: 6.089, Q1)
 21. Davidescu, Eugenia Irene; Odajiu, Irina; Tulba, Delia; Sandu, Constantin Dragos; Bunea, Teodora; Sandu, Georgiana; **Muresanu, Dafin Fior; Balanescu, Paul; Popescu, Bogdan Ovidiu, Prognostic Factors in COVID-19 Patients With New Neurological Manifestations: A Retrospective Cohort Study in a Romanian Neurology Department, *FRONTIERS IN AGING NEUROSCIENCE***, 17 JUN 2021, Volume: 13, Article Number: 645611, DOI: 10.3389/fnagi.2021.645611, WOS: 000668496200001, IDS Number: TC2UG, ISSN: 1663-4365 (IF: 5.75, Q1)
 22. Cucovici A, Fontana A,.....**Muresanu DF et al., The Impact of Lifetime Alcohol and Cigarette Smoking Loads on Amyotrophic Lateral Sclerosis Progression: A Cross-Sectional Study, *LIFE-BASEL***, APR 2021, Volume: 11, Issue: 4, Article Number: 352,

DOI: 10.3390/life11040352, WOS:000643219900001, IDS Number: RR6QK, eISSN: 2075-1729 (IF: 2.991, Q2)

23. Vester, JC; Buzoianu, AD; Florian, SI; Homberg, V; Kim, SH; Lee, TMC; Matula, C; Poon, WS; Sandesc, D; von Steinbuechel, N; Strliciu, S; Vos, PE; von Wild, K; **Muresanu, D, Cerebrolysin after moderate to severe traumatic brain injury: prospective meta-analysis of the CAPTAIN trial series, *NEUROLOGICAL SCIENCES* 2021; Volume: 42, Issue: 11, Page: 4531-4541, DOI:10.1007/s10072-020-04974-6, WOS:000620911100003, IDS Number: QL2LH, ISSN: 1590-1874, eISSN: 1590-3478 (IF: 3.307, Q2)**
24. Tatomir, A; Beltrand, A; Nguyen, V; Boodhoo, D; Mekala, A; Cudrici, C; Badea, TC; **Muresanu, DF; Rus, V; Rus, H, RGC-32 Regulates Generation of Reactive Astrocytes in Experimental Autoimmune Encephalomyelitis, *FRONTIERS IN IMMUNOLOGY* 2021; Volume: 11, Article Number: 608294, DOI:10.3389/fimmu.2020.608294, WOS:000615729000001, IDS Number: QD7YE, ISSN: 1664-3224 (IF: 7.561, Q1)**
25. Popa, LL; Dragos, HM; Strliciu, S; Pantelemon, C; Muresanu, I; Dina, C; Vacaras, V; **Muresanu, D. Added Value of QEEG for the Differential Diagnosis of Common Forms of Dementia. *CLINICAL EEG AND NEUROSCIENCE*, JUL 2021, Volume: 52, Issue: 3, Pages: 201-210, Article Number: 1550059420971122, DOI:10.1177/1550059420971122, WOS:000623426000001, IDS Number: RL0OP, ISSN: 1550-0594, eISSN: 2169-5202 (IF: 1.843, Q4)**
26. Vacaras V, Hapca E, Draghici NC, **Muresanu DF, Severe cervical compressive polydiscopathic myelopathy with features of motor neuron disease: A case report, *CLINICAL CASE REPORTS*, MAR 2021, Volume: 9, Issue: 3, pages: 1266–1272, DOI: 10.1002/ccr3.3740, WOS:000606009700001, IDS Number: RA8ZA, ISSN: 2050-0904, (fără IF)**
27. Vacaras V, Frunze S, Cordos MA, Perciuleac T, **Muresanu FD, A clinical approach of neuropathic pain in piriformis syndrome: case presentation and rehabilitation particularities, *BALNEO RESEARCH JOURNAL*, DEC 2020, Volume: 11, Issue: 4, pages: 574–579, DOI: 10.12680/balneo.2020.408, WOS:000598768600038, IDS Number: OM3AH, ISSN: 2069-7597, eISSN: 2069-7619 (fără IF)**
28. Cordos MA, Barac IS, **Muresanu FD, The twisted role of natalizumab and rehabilitation in an aggressive form of multiple sclerosis: a case report, *BALNEO RESEARCH JOURNAL*, DEC 2020, Volume: 11, Issue: 4, pages: 580–584, DOI: 10.12680/balneo.2020.409, WOS:000598768600039, IDS Number: PF0QF, ISSN: 2069-7597, eISSN: 2069-7619 (fără IF)**
29. Stan A, Gherghel N, **Muresanu DF, Adult-onset idiopathic lower-extremity dystonia: A rare task-specific dystonia, *CLINICAL NEUROLOGY AND NEUROSURGERY*, NOV 2020, Article, Volume: 189, Article nr: 106106, Pages: 1-2, DOI: 10.1016/j.clineuro.2020.106106, WOS:000587346400005, IDS Number: OO4JG, ISSN: 0303-8467, eISSN: 1872-6968 (IF=1.53, Q3)**
30. Vacaras V, Cordos AM, Rahovan I, Frunze S, **Muresanu DF, Binswanger's disease: Case presentation and differential diagnosis, *CLINICAL CASE REPORTS*, OCT 2020 Article, Early Access, DOI: 10.1002/ccr3.3459, WOS: 000585897500001, IDS Number: OM3AH, ISSN: 2050-0904, (fără IF)**

31. Birle C, Slevoaca D, Balea M, Popa LL, Muresanu I, Stefanescu E, Vacaras V, Dina C, Strilciuc S, Popescu BO, **Muresanu DF, Cognitive function: holarchy or holacracy?**, *NEUROLOGICAL SCIENCES*, OCT 2020, Review, Early Access, Volume: 42, Issue: 1, pages: 88-99, DOI: 10.1007/s10072-020-04737-3, WOS:000578946700002, IDS Number: OC1UF, ISSN: 1590-1874, eISSN: 1590-3478 (IF=2.415, Q3)
32. Balea M, Birle C, Costin C, Marton J, Muresanu IA, Jemna N, Popa LL, Slevoaca D, Rosu OV, Stan A, Vacaras V, Strilciuc S, **Muresanu DF, Effects of N-Pep-12 dietary supplementation on neurorecovery after ischemic stroke**, *NEUROLOGICAL SCIENCES*, OCT 2020, Article, Early Access, Volume: 42, Issue: 5, pages: 2031-2037, DOI: 10.1007/s10072-020-04707-9, WOS:000574349000002, IDS Number: NV5DG, ISSN: 1590-1874, eISSN: 1590-3478 (IF=2.415, Q3)
33. Vacaras V, Abrudan Cristian, Ilut S, Rahovan I, Popa R, **Muresanu FD, A rare case of spinal epidural abscess: diagnostic challenges and rehabilitation outcomes**, *BALNEO RESEARCH JOURNAL*, SEP 2020, Volume: 11, Issue: 3, pages: 288-293, DOI: 10.12680/balneo.2020.354, WOS:000583709900010, IDS Number: OJ1EH, ISSN: 2069-7597, eISSN: 2069-7619 (fără IF)
34. Alvarez XA, Alvarex I,....., **Muresanu D, ...et al, Serum VEGF Predicts Clinical Improvement Induced by Cerebrolysin Plus Donepezil in Patients with Advanced Alzheimer's Disease**, *INTERNATIONAL JOURNAL OF NEUROPSYCHOPHARMACOLOGY*, SEP 2020, Volume: 23, Issue: 9, pages: 581-586, DOI: 10.1093/ijnp/pyaa046, WOS:000606037000005, IDS Number: PP7KL, ISSN: 1461-1457, eISSN: 1469-5111 (IF=4.333, Q1)
35. Slavoaca D, Muresanu D, Birle C, Rosu OV, Chirila I, Dobra I, Jemna N, Strilciuc S, Vos P, **Biomarkers in traumatic brain injury: new concepts**, *NEUROLOGICAL SCIENCES*, AUG 2020, Article, Volume: 41, Issue: 8, Pages: 2033-2044, DOI: 10.1007/s10072-019-0238-y, WOS: 000551151100014, IDS Number: MN9HP, ISSN: 1590-1874, eISSN: 1590-3478 (IF=2.415, Q3, autor corespondent)
36. Vacaras Vitalie, Vacaras Veronica, Nistor C, Vacaras D, Opre AN, Blaga P, **Muresanu DF, The Influence of Depression and Anxiety on Neurological Disability in Multiple Sclerosis Patients**, *BEHAVIOURAL NEUROLOGY*, 2020, Article Number: 6738645, Pages: 1-8, DOI: 10.1155/2020/6738645, WOS:000558475000001, IDS Number: MY5RT, ISSN: 1010-600X, eISSN: 1648-9144 (IF=2.093, Q3)
37. Pantelemon C, Necula V, Berghe AS, Livint-Popa L, Palade S, Vacaras V, Muresanu IA, Strilciuc S, **Muresanu FD, Neurodevelopmental Aspects and Cortical Auditory Maturation in Children with Cochlear Implants**, *MEDICINA-LITHUANIA*, 2020, Volume: 56, Issue: 7, Article Number: 344, Pages: 1-10, DOI:10.3390/medicina56070344, WOS:000557458500001, IDS Number: MX1AE, ISSN: 1010-600X, eISSN: 1648-9144 (IF=1.205, Q3)
38. Draghici NC, Tamas MM, Leucuta DC, Lupescu TD, Strilciuc S, Rednic S, **Muresanu DF, Diagnosis Accuracy of Carpal Tunnel Syndrome in Diabetic Neuropathy**, *MEDICINA-LITHUANIA*, 2020, Volume: 56, Issue: 6, Article Number: 279, Pages: 1-10, DOI: 10.3390/medicina56060279, WOS:000551182800054, IDS Number: MN9TU, ISSN: 1010-600X, eISSN: 1648-9144 (IF=1.205, Q3)
39. Moro E, Deuschl G, de Visser M, **Muresanu D, Soffiatti R, Marson A, Vidailhet M, Vodusek DB, Bassetti CLA, A call from the European Academy of Neurology on COVID-19**, *LANCET NEUROLOGY*, Jun 2020, Letter, Volume:19, Issue: 6, Pages: 482-

- 482, WOS:000544059200019, IDS Number: MD6CK, ISSN: 1474-4482, eISSN: 1474-4465 (IF=30.039, Q1)
40. Ilut S, Vacaras V, Radu MR, Barac IS, **Muresanu FD**, **Clinical-evolutive particularities and therapeutic-rehabilitative approach in the rare case of acute disseminated encephalomyelitis following an episode of viral meningitis of unknown etiology**, *BALNEO RESEARCH JOURNAL*, FEB 2020, Volume: 11, Issue: 1, pages: 24-28, DOI: 10.12680/balneo.2020.311, WOS:000514812700005, IDS Number: KN4ML, ISSN: 2069-7597, eISSN: 2069-7619 (fără IF)
41. **Muresanu DF**, Florian S, Homberg V, Matula C, von Steinbuechel N, Vos PE, von Wild K, Birla C, Muresanu I, Slavoaca D, Rosu OV, Strilciuc S, Vester J, **Efficacy and safety of cerebrolysin in neurorecovery after moderate-severe traumatic brain injury: results from the CAPTAIN II trial**, *NEUROLOGICAL SCIENCES*, Jan 2020, Article, Early Access, DOI: 10.1007/s10072-019-04181-y, WOS:000505377400002, IDS Number: JZ8TF, ISSN: 1590-1874, eISSN: 11590-3478 (IF=2.484, Q3, autor corespondent)
42. Poon W, Matula C, Vos PE, **Muresanu DF**, von Steinbuechel N, von Wild K, Homberg V, Wang E, Lee TMC, Strilciuc S, Vester J, **Safety and efficacy of Cerebrolysin in acute brain injury and neurorecovery: CAPTAIN I-a randomized, placebo-controlled, double-blind, Asian-Pacific trial**, *NEUROLOGICAL SCIENCES*, FEB 2020, Article, Volume: 41, Issue: 2, Pages: 281-293, DOI: 10.1007/s10072-019-04053-5, WOS:000499860400001, IDS Number: JR8HV, ISSN: 1590-1874, eISSN: 11590-3478 (IF=2.415, Q3, autor corespondent)
43. **Muresanu, Dafin F.**; Sharma, Aruna; Sahib, Seaab;...; Wiklund, Lars; Sharma, Hari Shanker, **Diabetes exacerbates brain pathology following a focal blast brain injury: New role of a multimodal drug cerebrolysin and nanomedicine**, *NEUROPHARMACOLOGY OF NEUROPROTECTION*, Book Series: Progress in Brain Research, 2020, Volume: 258, Page: 285-367, DOI: 10.1016/bs.pbr.2020.09.004, WOS: 000610741000007, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)
44. Niu, Feng; Sharma, Aruna; Wang, Zhenguo; Feng, Lianyuan; **Muresanu, Dafin F.**;...; Sharma, Hari Shanker, **Co-administration of TiO₂-nanowired DL-3-n-butylphthalide (DL-NBP) and mesenchymal stem cells enhanced neuroprotection in Parkinson's disease exacerbated by concussive head injury**, *NEUROPHARMACOLOGY OF NEUROPROTECTION*, 2020, Book Series: Progress in Brain Research, Volume: 258, Page: 101-155, DOI: 10.1016/bs.pbr.2020.09.011, WOS: 000610741000004, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)
45. Sahib, Seaab; Sharma, Aruna; Menon, Preeti K.; **Muresanu, Dafin F.**;...; Sharma, A, **Cerebrolysin enhances spinal cord conduction and reduces blood-spinal cord barrier breakdown, edema formation, immediate early gene expression and cord pathology after injury**, *NEUROPHARMACOLOGY OF NEUROPROTECTION*, 2020, Book Series: Progress in Brain Research, Volume: 258, Page: 397-438, DOI:

10.1016/bs.pbr.2020.09.012, WOS: 000610741000010, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)

46. Sharma, Aruna; **Muresanu, Dafin F.**;...; Wiklund, Lars; Sharma, Hari Shanker, **Concussive head injury exacerbates neuropathology of sleep deprivation: Superior neuroprotection by co-administration of TiO₂-nanowired cerebrolysin, alpha-melanocyte-stimulating hormone, and mesenchymal stem cells**, NEUROPHARMACOLOGY OF NEUROPROTECTION, 2020, Book Series: Progress in Brain Research, Volume: 258, Page: 1-77, DOI: 10.1016/bs.pbr.2020.09.003, WOS: 000610741000002, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)
47. Sharma, Aruna; **Muresanu, Dafin F.**; ...; Sharma, Hari Shanker, **Mild traumatic brain injury exacerbates Parkinson's disease induced hemeoxygenase-2 expression and brain pathology: Neuroprotective effects of co-administration of TiO₂ nanowired mesenchymal stem cells and cerebrolysin**, NEUROPHARMACOLOGY OF NEUROPROTECTION, 2020, Book Series: Progress in Brain Research, Volume: 258, Page: 157-231, DOI: 10.1016/bs.pbr.2020.09.010, WOS: 000610741000005, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)
48. Sharma, Hari Shanker; Sahib, Seaab; Tian, Z. Ryan; **Muresanu, Dafin F.**; ...; Sharma, Aruna, **Protein kinase inhibitors in traumatic brain injury and repair: New roles of nanomedicine**, NEUROPHARMACOLOGY OF NEUROPROTECTION, 2020, Book Series: Progress in Brain Research, Volume: 258, Page: 233-283, DOI: 10.1016/bs.pbr.2020.09.009, WOS: 000610741000006, IDS Number: BQ6CL, ISSN: 0079-6123 (IF: 2.453, Q4)
49. Sharma, Hari Shanker; **Muresanu, Dafin F.**; ...; Sharma, Aruna, **Pathophysiology of blood-brain barrier in brain tumor. Novel therapeutic advances using nanomedicine**, NOVEL THERAPEUTIC ADVANCES IN GLIOBLASTOMA, 2020, Book Series: International Review of Neurobiology, Volume: 151, Page: 1-66, DOI: 10.1016/bs.irn.2020.03.001, WOS: 000614032300002, IDS Number: BQ7AF, ISSN: 0074-7742, eISSN: 2162-5514 (IF: 3.23, Q3)
50. Vacaras V, Cucu EE, Radu R, **Muresanu DF**, **Paraneoplastic Stiff Person Syndrome in Early-Stage Breast Cancer with Positive Anti-Amphiphysin Antibodies**, *CASE REPORTS IN NEUROLOGY*, 2020, Volume: 12, Issue: 3, pages: 339-347, DOI: 10.1159/000508942, WOS:000607711000012, IDS Number: PS1SW, eISSN: 1662-680X (fără IF)
51. Draghici NC, Leucuta DC, Tamas MM. Lupescu TD, Strilciuc S, Rednic S, **Muresanu DF**, **Median Nerve Ultrasonography Diagnostic Accuracy And Electrodiagnostic Evaluation Of Carpal Tunnel Syndrome In Type 2 Diabetes Mellitus**, 2020, Article, Volume: 36, Issue: 6, Pages: 3415-3420, DOI: 10.19193/0393-6384_2020_6_539, WOS:000598504300040, IDS Number: PE6WK, ISSN: 0363-6384, eISSN: 2283-9720 (fără IF)
52. Huang HY, Young W,...**Muresanu D** et al., **Clinical Neurorestorative Therapeutic Guidelines for Spinal Cord Injury (IANR/CANR version 2019)**, *JOURNAL OF*

ORTHOPAEDIC TRANSLATION, Jan 2020, Volume: 20, Issue: SI, Pages: 14-24, DOI: 10.1016/j.jot.2019.10.006, WOS:000511146000004, IDS Number: KI1ZK, ISSN: 2214-031X (IF=5.191, Q1)

53. **Muresanu DF**, Strilciuc S, Stan A, **Current Drug Treatment of Acute Ischemic Stroke: Challenges and Opportunities**, *CNS DRUGS*, SEPT 2019, Article, Volume: 33, Issue: 9, Pages: 841-847, DOI: 10.1007/s40263-019-00663-x, IDS Number: JB8RD, ISSN: 1172-7047, eISSN: 1179-1934
54. Hilz MJ, Wang RH, Liu M, **Muresanu D**, Flanagan S, Winder K, Hosl K, Hummel T, **Emotional and Autonomic Processing of Olfactory Stimuli Is Compromised in Patients with a History of Mild Traumatic Brain Injury**, *JOURNAL OF NEUROTRAUMA*, Article, Early Acces, DOI: 10.1089/neu.2018.6215, WOS:000481072400001, IDS Number: IQ9OH, ISSN: 0897-7151, eISSN: 1557-9042
55. Sharma A, Castellani RJ, Smith MA, **Muresanu DF**, Dey PK, Sharma HS, **5-Hydroxytryptophan: A precursor of serotonin influences regional blood-brain barrier breakdown, cerebral blood flow, brain edema formation, and neuropathology**, *NEW THERAPEUTIC STRATEGIES FOR BRAIN EDEMA AND CELL INJURY*, Book Series: International Review of Neurobiology, 2019, Document type: Review, Book Chapter, Volume:146, Pages: 1-44, DOI: 10.1016/bs.irn.2019.06.005, WOS:000501592100002, IDS Number: BO1NQ, ISSN: 0074-7742, ISBN: 978-0-12-816754-0 (IF=2.551, Q3)
56. Sharma HS, **Muresanu DF**, Nozari A, Castellani RJ, Dey PK, Wiklund L, Sharma A, **Anesthetics influence concussive head injury induced blood-brain barrier breakdown, brain edema formation, cerebral blood flow, serotonin levels, brain pathology and functional outcome**, *NEW THERAPEUTIC STRATEGIES FOR BRAIN EDEMA AND CELL INJURY*, Book Series: International Review of Neurobiology, 2019, Document type: Review, Book Chapter, Volume:146, Pages: 45-81, DOI: 10.1016/bs.irn.2019.06.006, WOS:000501592100003, IDS Number: BO1NQ, ISSN: 0074-7742, ISBN: 978-0-12-816754-0 (IF=2.551, Q3)
57. **Muresanu DF**, Sharma A, Patnaik R, Menon PK, Mossler H, Sharma HS, **Exacerbation of blood-brain barrier breakdown, edema formation, nitric oxide synthase upregulation and brain pathology after heat stroke in diabetic and hypertensive rats. Potential neuroprotection with cerebrolysin treatment**, *NEW THERAPEUTIC STRATEGIES FOR BRAIN EDEMA AND CELL INJURY*, Book Series: International Review of Neurobiology, 2019, Document type: Review, Book Chapter, Volume:146, Pages: 83-102, DOI: 10.1016/bs.irn.2019.06.007, WOS:000501592100004, IDS Number: BO1NQ, ISSN: 0074-7742, ISBN: 978-0-12-816754-0 (IF=2.551, Q3)
58. Sharma HS, Feng LY, Muresanu DF, Castellani RJ, Sharma A, **Neuroprotective effects of a potent bradykinin B2 receptor antagonist HOE-140 on microvascular permeability, blood flow disturbances, edema formation, cell injury and nitric oxide synthase upregulation following trauma to the spinal cord**, *NEW THERAPEUTIC*

- STRATEGIES FOR BRAIN EDEMA AND CELL INJURY*, Book Series: International Review of Neurobiology, 2019, Document type: Review, Book Chapter, Volume:146, Pages: 103-152, DOI: 10.1016/bs.irn.2019.06.008, WOS:000501592100005, IDS Number: BO1NQ, ISSN: 0074-7742, ISBN: 978-0-12-816754-0 (IF=2.551, Q3)
59. Sahib S, Niu F, Sharma A, Feng LY, Tian ZR, **Muresanu DF**, Nozari A, Sharma HS, **Potential of spinal cord conduction and neuroprotection following nanodelivery of DL-3-n-butylphthalide in titanium implanted nanomaterial in a focal spinal cord injury induced functional outcome, blood-spinal cord barrier breakdown and edema formation**, *NEW THERAPEUTIC STRATEGIES FOR BRAIN EDEMA AND CELL INJURY*, Book Series: International Review of Neurobiology, 2019, Document type: Review, Book Chapter, Volume:146, Pages: 153-188, DOI: 10.1016/bs.irn.2019.06.009, WOS:000501592100006, IDS Number: BO1NQ, ISSN: 0074-7742, ISBN: 978-0-12-816754-0 (IF=2.551, Q3)
60. Sharma A, **Muresanu DF**, Ozkizilcik A, Tian ZR, Lafuente JV, Manzhulo I, Mössler H, Sharma HS, **Sleep deprivation exacerbates concussive head injury induced brain pathology: Neuroprotective effects of nanowired delivery of cerebrolysin with alpha-melanocyte-stimulating hormon**, *NANONEUROPROTECTION AND NANONEUROTOXICOLOGY*, 2019, edited by Hari Shanker Sharma, Aruna Sharma, Book series: *Progress in Brain Research*, 2019, Document type: Review, Book Chapter, Volume: 245, Pages: 1-55, DOI: 10.1016/bs.pbr.2019.03.002, WOS:000500699500002, IDS Number: BO1KC, ISBN: 978-0-444-64208-0, ISSN: 0079-6123
61. Niu F, Sharma A, Feng L, Ozkizilcik A, **Muresanu DF**, Lafuente JV, Tian ZR, Nozari A, Sharma HS, **Nanowired delivery of DL-3-n-butylphthalide induces superior neuroprotection in concussive head injury**, *NANONEUROPROTECTION AND NANONEUROTOXICOLOGY*, 2019, edited by Hari Shanker Sharma, Aruna Sharma, Book series: *Progress in Brain Research*, 2019, Document type: Review, Book Chapter, Volume: 245, Pages: 89-118, DOI: 10.1016/bs.pbr.2019.03.008, WOS: 000500699500004, IDS Number: BO1KC, ISBN: 978-0-444-64208-0, ISSN: 0079-6123
62. Sharma HS, **Muresanu DF**, Castellani RJ, Nozari A, Lafuente JV, Tian ZR, Ozkizilcik A, Manzhulo I, Mössler H, Sharma A, **Nanowired delivery of cerebrolysin with neprilysin and p-Tau antibodies induces superior neuroprotection in Alzheimer's disease**, *NANONEUROPROTECTION AND NANONEUROTOXICOLOGY*, 2019, edited by Hari Shanker Sharma, Aruna Sharma, Book series: *Progress in Brain Research*, 2019, Document type: Review, Book Chapter, Volume: 245, Pages: 145-200, DOI: 10.1016/bs.pbr.2019.03.009, WOS: 000500699500006, IDS Number: BO1KC, ISBN: 978-0-444-64208-0, ISSN: 0079-6123
63. Ozkizilcik A, Sharma A, Lafuente JV, **Muresanu DF**, Castellani RJ, Nozari A, Tian ZR, Mössler H, Sharma HS, **Nanodelivery of cerebrolysin reduces pathophysiology of Parkinson's disease**, *NANONEUROPROTECTION AND NANONEUROTOXICOLOGY*, 2019, edited by Hari Shanker Sharma, Aruna Sharma, Book series: *Progress in Brain*

- Research*, 2019, Document type: Review, Book Chapter, Volume: 245, Pages: 201-246, DOI: 10.1016/bs.pbr.2019.03.014, WOS:000500699500007, IDS Number: BO1KC, ISBN: 978-0-444-64208-0, ISSN: 0079-6123
64. Menon CS, Ahami AOT, Latifi M, **Muresanu DF**, Gam M, Obayagbona VO, **Stroke Impact on the Cognitive Functions of Moroccan Neuro-Lesioned Patients in the Gharb Region**, *ACTA NEUROPSYCHOLOGICA*. 2019;17(1):25-38, DOI: 10.5604/01.3001.0013.0823, IDS Number: HY5AG, ISSN: 1730-7503, eISSN: 2084-4298 (fără IF)
65. Wang R, Hösl KM, Ammon F, Markus J, Koehn J, Roy S, Liu M, de Rojas Leal C, **Muresanu D**, Flanagan SR, Hilz MJ, **Eye ball pressure stimulation induces subtle sympathetic activation in patients with a history of moderate or severe traumatic brain injury**, *Clin Neurophysiol*. 2018 Mar 30;129(6):1161-1169, DOI: 10.1016/j.clinph.2018.03.011, IDS Number: GG5EE, ISSN: 1388-2457, eISSN: 1872-8952
66. Bornstein NM, Guekht A, Vester J, Heiss WD, Gusev E, Hömberg V, Rahlfs VW, Bajenaru O, Popescu BO, **Muresanu D**, **Safety and efficacy of Cerebrolysin in early post-stroke recovery: a meta-analysis of nine randomized clinical trials**, *Neurol Sci*. 2018 Apr, Volume: 39, Issue: 4, Pages: 629-640, DOI: 10.1007/s10072-017-3214-0, IDS Number: GB6TJ, ISSN: 1590-1874, eISSN: 1590-3478
67. Huang H, Young W, Cheng L..... **Muresanu DF**, et al, **Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017)**, *Cell Transplant*. 2018 Feb;27(2):310-324. DOI: 10.1177/0963689717746999, IDS Number: GC8BZ, ISSN: 0963-6897, eISSN: 1555-3892
68. Toader LE, Roșu GC, Cătălin B, Pirici I, Gîlceavă IC, Albu VC, Istrate-Ofițeru AM, **Mureșanu DF**, Pirici D, **Cerebrolysin increases motor recovery and decreases inflammation in a mouse model of autoimmune encephalitis**, *Rom J Morphol Embryol*. 2018;59(3):755-762, IDS Number: HI0CB,ISSN (print): 12-0522, ISSN (online): 2066-8279
69. Huang HY, Sharma HS, Chen L, Otom A, Al Zoubi ZM, Saberi H, **Muresanu DF**, Xie XJ, **Review of clinical neurorestorative strategies for spinal cord injury: Exploring history and latest progress**, *JOURNAL OF NEURORESTORATOLOGY*, 2018, Review, Volume:6, Pages: 171-178, DOI: 10.26599/JNR.2018.9040013, WOS:000477736800001, IDS Number: IM1GH, ISSN: 2324-2426
70. Catalin B, Rogoveanu OC, Pirici I,....**Muresanu DF**, **Cerebrolysin and Aquaporin 4 Inhibition Improve Pathological and Motor Recovery after Ischemic**, *CNS Neurol Disord Drug Targets* 2018, Volume:17, Issue:4, Pages: 299-308, DOI: 10.2174/1871527317666180425124340, IDS Number: GP0GQ, ISSN: 1871-5273, eISSN: 1996-3181
71. Alvarez XA, Alvarez I, Aleixandre M, Linares C, **Muresanu D**, Winter S, Moessler H, **Severity-Related Increase and Cognitive Correlates of Serum VEGF Levels in**

- Alzheimer's Disease ApoE4 Carriers**, *JOURNAL OF ALZHEIMERS DISEASE*, 2018, Volume:63, Pages: 1003-1013, Doi: 10.3233/JAD-160477, IDS Number: GH9EB, ISSN: 1387-2877, eISSN: 1875-8908
72. Ozkizilcik A, Williams R, Tian ZR, **Muresanu DF**, Sharma A, Sharma HS, **Synthesis of Biocompatible Titanate Nanofibers for Effective Delivery of Neuroprotective Agents**, *Neurotrophic Factors: Methods and Protocols, 2nd Edition, Book Series: Methods in Molecular Biology*, 2018, Document Type: Article; Book Chapter, Edited by Skaper SD, Volume:1727, Pages: 433-442, Doi:10.1007/978-1-4939-7571-6_35, ISBN: 978-1-4939-7571-6; 978-1-4939-7570-9, IDS Number: BK2PH, ISSN: 1064-3745, eISSN: 1940-6029
73. Balea M, **Muresanu D**, Alvarez A, et al, **VaD - An Integrated Framework for Cognitive Rehabilitation**, *CNS Neurol Disord Drug Targets* 2018, Volume:17, Issue:1, Pages:22-33, DOI: 10.2174/1871527317666180219164545, IDS Number: GE5FU, ISSN: 1871-5273, eISSN: 1996-3181
74. Pirici I, Balsanu TA, Bogdan C, Margaritescu C, Divan T, **Vacaras V**, Mogoanta L, Pirici D, Carare RO, Muresanu DF, **Inhibition of Aquaporin-4 Improves the Outcome of Ischaemic Stroke and Modulates Brain Paravascular Drainage Pathways**, *Int J Mol Sci*, 2018 Jan;19(1). pii: E46. DOI: 10.3390/ijms19010046, IDS Number: FV2OI, ISSN: 1422-0067
75. Ozkizilcik A, Sharma A, **Muresanu DF**, Lafuente JV, Tian ZR, Patnaik R, Mössler H, Sharma HS, **Timed Release of Cerebrolysin Using Drug-Loaded Titanate Nanospheres Reduces Brain Pathology and Improves Behavioral Functions in Parkinson's Disease**, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 359-369, DOI: 10.1007/s12035-017-0747-4, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182
76. Patnaik R, Sharma A, Skaper SD, **Muresanu DF**, Lafuente JV, Castellani RJ, Nozari A, Sharma HS, **Histamine H3 Inverse Agonist BF 2649 or Antagonist with Partial H4 Agonist Activity Clobenpropit Reduces Amyloid Beta Peptide-Induced Brain Pathology in Alzheimer's Disease**, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 312-321, DOI: 10.1007/s12035-017-0743-8, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182
77. Lafuente JV, Sharma A, **Muresanu DF**, Ozkizilcik A, Tian ZR, Patnaik R, Sharma HS, **Repeated Forced Swim Exacerbates Methamphetamine-Induced Neurotoxicity: Neuroprotective Effects of Nanowired Delivery of 5-HT3-Receptor Antagonist Ondansetron**, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 322-334, DOI: 10.1007/s12035-017-0744-7, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182
78. Feng L, Sharma A, Niu F, Huang Y, Lafuente JV, **Muresanu DF**, Ozkizilcik A, Tian ZR, Sharma HS, **TiO₂-Nanowired Delivery of DL-3-n-butylphthalide (DL-NBP) Attenuates Blood-Brain Barrier Disruption, Brain Edema Formation, and Neuronal**

Damages Following Concussive Head Injury, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 350-358, DOI: 10.1007/s12035-017-0746-5, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182

79. Sharma A, **Muresanu DF**, Lafuente JV, Sjöquist PO, Patnaik R, Ryan Tian Z, Ozkizilcik A, Sharma HS, **Cold Environment Exacerbates Brain Pathology and Oxidative Stress Following Traumatic Brain Injuries: Potential Therapeutic Effects of Nanowired Antioxidant Compound H-290/51**, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 275-285, DOI: 10.1007/s12035-017-0740-y, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182
80. Sharma HS, **Muresanu DF**, Lafuente JV, Patnaik R, Tian ZR, Ozkizilcik A, Castellani RJ, Mössler H, Sharma A, **Co-Administration of TiO₂ Nanowired Mesenchymal Stem Cells with Cerebrolysin Potentiates Neprilysin Level and Reduces Brain Pathology in Alzheimer's Disease**, *Mol Neurobiol.* 2018, Volume: 55, Issue: 1, Pages: 300-311, DOI: 10.1007/s12035-017-0742-9, IDS Number: FV6PC, ISSN: 0893-7648, Online ISSN: 1559-1182
81. Guekht A, Vester J, Heiss WD, ...**Muresanu D**, et al, **Safety and efficacy of Cerebrolysin in motor function recovery after stroke: a meta-analysis of the CARS Trials**, *NEUROLOGICAL SCIENCES*, OCT 2017, Volume: 38, Issue: 10, Pages: 1761-1769, IDS Number: FH5SW, ISSN: 1590-1874, eISSN: 1590-3478
82. Mijajlovic MD, Pavlovic A, Brainin M,....**Muresanu DF** et al, **Post-stroke dementia - a comprehensive review**, *BMC Medicine*, IAN 2017, Volume: 15, Pages: 2-12, Doi: 10.1186/s12916-017-0779-7, IDS Number: E14HR, ISSN: 1741-7015
83. Menon PK, Sharma A, Lafuente JV, **Muresanu DF** et al.,**Intravenous Administration of Functionalized Magnetic Iron Oxide Nanoparticles Does Not Induce CNS Injury in the Rat: Influence of Spinal Cord Trauma and Cerebrolysin Treatment**, *NANOMEDICINE IN CENTRAL NERVOUS SYSTEM INJURY AND REPAIR, Book Series: International Review of Neurobiology, 2017*, edited by Hari Shanker Sharma, Aruna Sharma, Volume: 137, Pages: 47-63, DOI: 10.1016/bs.irn.2017.08.005, IDS Number: BK3WY, ISBN: 978-0-12-81281-2, ISSN: 0074-7742
84. Sharma HS, Patnaik R, **Muresanu DF** et al., **Histaminergic Receptors Modulate Spinal Cord Injury-Induced Neuronal Nitric Oxide Synthase Upregulation and Cord Pathology: New Roles of Nanowired Drug Delivery for Neuroprotection**, *NANOMEDICINE IN CENTRAL NERVOUS SYSTEM INJURY AND REPAIR, Book Series: International Review of Neurobiology, 2017*, edited by Hari Shanker Sharma, Aruna Sharma, Volume: 137, Pages: 65-98, DOI: 10.1016/bs.irn.2017.09.001, IDS Number: BK3WY, ISBN: 978-0-12-81281-2, ISSN: 0074-7742
85. Sharma A, Menon PK, Patnaik R, **Muresanu DF** et al., **Novel Treatment Strategies Using TiO₂-Nanowired Delivery of Histaminergic Drugs and Antibodies to Tau With Cerebrolysin for Superior Neuroprotection in the Pathophysiology of Alzheimer's Disease**, *NANOMEDICINE IN CENTRAL NERVOUS SYSTEM INJURY*

AND REPAIR, Book Series: International Review of Neurobiology, 2017, edited by Hari Shanker Sharma, Aruna Sharma, Volume: 137, Pages: 123-165, DOI: 10.1016/bs.irn.2017.09.002, IDS Number: BK3WY, ISBN: 978-0-12-81281-2, ISSN: 0074-7742

86. Sharma H, Muresanu D, Sharma A, **Alzheimer's disease: cerebrolysin and nanotechnology as a therapeutic strategy**, *NEURODEGENERATIVE DISEASE MANAGEMENT*, DEC 2016, Volume: 6, Issue: 6, Pages: 453-456, ISSN: 1758-2024, eISSN: 1758-2032
87. Gadhawe K, Bolshette N, Ahire A, Pardeshi R, Thakur K, Trandafir C, Istrate A, Ahmed S, Lahkar M, Muresanu DF, Balea M, **The ubiquitin proteasomal system: a potential target for the management of Alzheimer's disease**, *JOURNAL OF CELLULAR AND MOLECULAR MEDICINE*, Jul 2016, Volume: 20, Issue: 7, Pages: 1392-1407, ISSN: 1582-4934
88. Alvarez XA, Alvarez I.....Muresanu D, Moessler H, **Synergistic Increase of Serum BDNF in Alzheimer Patients Treated with Cerebrolysin and Donepezil: Association with Cognitive Improvement in ApoE4 Cases**, *INTERNATIONAL JOURNAL OF NEUROPSYCHOPHARMACOLOGY*, Jun 2016, Volume: 30, Issue: 6, Pages: 1-6, Doi: 10.1093/ijnp/pyw024, IDS Number: DW8LG, ISSN: 1461-1457, eISSN: 1469-5111
89. Sharma HS, Muresanu, Dafin F; Lafuente Jose V, et al., **Pathophysiology of Blood-Brain Barrier in Brain Injury in Cold and Hot Environments: Novel Drug Targets for Neuroprotection**, *CNS Neurol Disord Drug Targets*, 2016, Volume: 15, Issue: 9, Pages: 1045-1071, ISSN: 1871-5273, eISSN: 1996-3181
90. Sharma A, Menon P, Muresanu, Dafin F, et al., **Nanowired Drug Delivery Across the Blood-Brain Barrier in Central Nervous System Injury and Repair**, *CNS Neurol Disord Drug Targets*, 2016, Volume: 15, Issue: 9, Pages: 1092-1117, ISSN: 1871-5273, eISSN: 1996-3181
91. Muresanu, Dafin F.; Heiss, Wolf-Dieter; Hoemberg, Volker; et al., **Cerebrolysin and Recovery After Stroke (CARs) A Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial**, *STROKE*, 2016 Jan, Volume: 47, Issue: 1, Pages: 151-159; Doi: 10.1161/STROKEAHA.115.009416, PMID: 26564102, IDS Number: CZ5IQ, ISSN: 0039-2499, eISSN: 1524-4628
92. Muresanu DF, Sharma A, Lafuente JV, Patnaik R, Tian ZR, Nyberg F, Sharma HS, **Nanowired Delivery of Growth Hormone Attenuates Pathophysiology of Spinal Cord Injury and Enhances Insulin-Like Growth Factor-1 Concentration in the Plasma and the Spinal Cord**, *MOLECULAR NEUROBIOLOGY*, 2015 Oct, Volume: 52, Issue: 2, Special issue: SI, Pages: 837-845; Doi: 10.1007/s12035-015-9298-8, PMID: 26126514, IDS Number: CQ6AQ, ISSN: 0893-7648, eISSN: 1559-1182
93. Sharma A, Muresanu DF, Lafuente JV, Patnaik R, Tian ZR, Buzoianu AD, Sharma HS, **Sleep Deprivation-Induced Blood-Brain Barrier Breakdown and Brain Dysfunction are Exacerbated by Size-Related Exposure to Ag and Cu Nanoparticles.**

- Neuroprotective Effects of a 5-HT₃ Receptor Antagonist Ondansetron**, *MOLECULAR NEUROBIOLOGY*, 2015 Oct, Volume: 52, Issue: 2, Special issue: SI, Pages: 867-881, Doi:10.1007/s12035-015-9236-9, PMID: 26133300, IDS Number: CQ6AQ, ISSN: 0893-7648, eISSN: 1559-1182
94. Sharma HS, **Muresanu DF**, Lafuente JV, Sjöquist PO, Patnaik R, Sharma A, **Nanoparticles Exacerbate Both Ubiquitin and Heat Shock Protein Expressions in Spinal Cord Injury: Neuroprotective Effects of the Proteasome Inhibitor Carfilzomib and the Antioxidant Compound H-290/51**, *MOLECULAR NEUROBIOLOGY*, 2015 Oct, Volume: 52, Issue: 2, Special issue: SI, Pages: 882-898, Doi: 10.1007/s12035-015-9297-9, PMID: 26126513, IDS Number: CQ6AQ, ISSN: 0893-7648, eISSN: 1559-1182
95. Ruozi B, Belletti D, Sharma HS, Sharma A, **Muresanu DF**, Mössler H, Forni F, Vandelli MA, Tosi G, **PLGA Nanoparticles Loaded Cerebrolysin: Studies on Their Preparation and Investigation of the Effect of Storage and Serum Stability with Reference to Traumatic Brain Injury**, *MOLECULAR NEUROBIOLOGY*, 2015 Oct, Volume: 52, Issue: 2, Special issue: SI, Pages: 899-912, Doi: 10.1007/s12035-015-9235-x, PMID: 26108180, IDS Number: CQ6AQ, ISSN: 0893-7648, eISSN: 1559-1182
96. Sharma HS, Kiyatkin EA, Patnaik R, Lafuente JV, **Muresanu DF**, Sjöquist PO, Sharma A, **Exacerbation of Methamphetamine Neurotoxicity in Cold and Hot Environments: Neuroprotective Effects of an Antioxidant Compound H-290/51**, *MOLECULAR NEUROBIOLOGY*, 2015 Oct, Volume: 52, Issue: 2, Special issue: SI, Pages: 1023-1033, Doi: 10.1007/s12035-015-9259-9, PMID: 26111626, IDS Number: CQ6AQ, ISSN: 0893-7648, eISSN: 1559-1182
97. Stanca DM, Mărginean IC, Sorițau O, Dragoș C, Mărginean M, **Mureșanu DF**, Vester JC, Rafila A, **GFAP and antibodies against NMDA receptor subunit NR2 as biomarkers for acute cerebrovascular diseases**, *JOURNAL OF CELLULAR AND MOLECULAR MEDICINE*, 2015 Sep, Volume: 19, Issue: 9, Pages: 2253-61, Doi: 10.1111/jcmm.12614, PMID: 26081945, IDS Number: CQ7EX, ISSN: 1582-4934
98. Popa-Wagner A, Buga AM, Popescu B, **Muresanu D**, **Vascular cognitive impairment, dementia, aging and energy demand. A vicious cycle**, *JOURNAL OF NEURAL TRANSMISSION*, Aug 2015, Volume: 122, Pages: 47-54, Doi: 10.1007/s00702-013-1129-3, IDS Number: CO6MW, ISSN: 0300-9564, eISSN: 1435-1463
99. Popa L, Salajean O, Scott A, **Muresanu DF**, Balea M, Rafila A, **Reading beyond the glance: eye tracking in neurosciences**, *NEUROLOGICAL SCIENCES*, May 2015, Volume: 36, Issue 5, Pages: 683-688, DOI: 10.1007/s10072-015-2076-6, ISSN: 1590-1874, eISSN: 1590-3478
100. Poon, Wai; Vos, Pieter; **Muresanu, Dafin**; Vester, Johannes; van Wild, Klaus; Homberg, Volker; Wang, Ernest; Lee, Tatia MC; Matula, Christian: **Cerebrolysin Asian Pacific Trial in Acute Brain Injury and Neurorecovery: Design and Methods**, *JOURNAL OF*

- NEUROTRAUMA*, Apr 2015, Volume: 32, Issue 8, Pages: 571-580, DOI: 10.1089/neu.2014.3558, IDS Number: CF2BS, ISSN: 0897-7151, eISSN: 1557 – 9042
101. **Muresanu DF**, Ciurea AV, Gorgan RM, et al.; **A Retrospective, Multi-Center Cohort Study Evaluating the Severity-Related Effects of Cerebrolysin Treatment on Clinical Outcomes in Traumatic Brain Injury**, *CNS Neurol Disord Drug Targets*, 2015, Volume: 14, Issue 4, Pages: 587-599, PMID: 25801842, IDS Number: CI8DM, ISSN: 1871-5273, eISSN: 1996–3181
 102. Molnar A; Beyer R; Florian S; **Muresanu DF**; et al.; **Drainage of Cerebral Abscesses Prior to Valve Replacement in Stable Patients with Acute Left-Sided Infective Endocarditis**, *CNS Neurol Disord Drug Targets*, 2015, Volume: 14, Issue 4, Pages: 534-539, PMID: 25801842, IDS Number: CH6XG, ISSN: 1871-5273, eISSN: 1996–3181
 103. Sharma HS, Feng L, Lafuente JV, **Muresanu DF**, Tian ZR, Patnaik R, Sharma A, **TiO₂-nanowired delivery of mesenchymal stem cells thwarts diabetes-induced exacerbation of brain pathology in heat stroke**, *CNS Neurol Disord Drug Targets*. Feb 2015; Volume: 14, Issue:3, Pages:386-99, PMID: 25714976, IDS Number: CG4VI, ISSN: 1871-5273, eISSN: 1996–3181
 104. Sharma, HS; Menon, P; Lafuente, JV; **Muresanu, DF**; Tian, ZR; Patnaik, R; Sharma, A: **Development of in vivo drug-induced neurotoxicity models**, *EXPERT OPINION ON DRUG METABOLISM & TOXICOLOGY*, Review Dec 2014, Volume: 10, Issue 12, Pages: 1637-1661, DOI: 10.1517/17425255.2014.970168, ISSN: 1742-5255, eISSN: 1744-7670
 105. Qiao L, Huang H, **Muresanu DF**, **Clinical neurorestorative progress in Alzheimer's disease**, *JOURNAL OF NEURORESTORATOLOGY*, Review 2015, Volume: 3, Pages: 1-9, DOI: 10.2147/JN.S74143, IDS Number: V31OC, ISSN: 2324-2426
 106. Bianchi, S; Di Palma, C; Gallus, GN; Taglia, I; Poggiani, A; Rosini, F; Rufa, A; **Muresanu, DF**; Cerase, A; Dotti, MT; Frederico, A; **TWO NOVEL HTRA1 MUTATIONS IN A EUROPEAN CARASIL PATIENT**, *NEUROLOGY*, Mar 11 2014, Volume: 82, Issue: 10, Pages: 898-900, Doi: 10.1212/WNL.0000000000000202, IDS Number: AH9TJ, ISSN: 0028-3878, eISSN: 1526-632X
 107. Sharma HS, **Muresanu DF**, Sharma A, **13th International Congress on Amino Acids, Peptides and Proteins (ICAPP); Neurobiology Symposium, October 5-7, 2013 Galveston TX, USA**, *CNS Neurol Disord Drug Targets*. Article 2014 Feb;13(1):2-3, DOI: 10.2174/187152731301140210114550, IDS Number: AB6DW, ISSN: 1871-5273, eISSN: 1996-3181
 108. Huang, Hongyun; Sun, Tiansheng; Chen, Lin;.....**Muresanu, DF**; et al., **Consensus of Clinical Neurorestorative Progress in Patients With Complete Chronic Spinal Cord Injury**, *CELL TRANSPLANTATION*, 2014, Volume: 23, Supplement 1, Pages: S5-S17, Doi: 10.3727/096368914X684952, IDS Number: AK5RM, ISSN: 0963-6897, eISSN: 1555-3892

109. Ruozi B, Belletti D, Forni F, Sharma A, **Muresanu D**, Mössler H, Vandelli MA, Tosi G, Sharma HS, **Poly (D,L-lactide-co-glycolide) Nanoparticles Loaded with Cerebrolysin Display Neuroprotective Activity in a Rat Model of Concussive Head Injury**, *CNS Neurol Disord Drug Targets*, 2014, Volume: 13, Issue: 8, Pages: 1475-1482, IDS Number: AU6BE, ISSN: 1871-5273, eISSN: 1996-3181
110. Vacaras V, Major ZZ, **Muresanu DF**, Krausz TL, **Marginean I**, **Buzoianu DA**, **Effect of Glatiramer Acetate on Peripheral Blood Brain-Derived Neurotrophic Factor and Phosphorylated TrkB Levels in Relapsing- Remitting Multiple Sclerosis**, *CNS Neurol Disord Drug Targets*, 2014;13(4):647-51, DOI: 10.2174/1871527313666140618110049, PMID: 24938775, IDS Number: AN8EO, ISSN: 1871-5273, eISSN: 1996-3181
111. Perju-Dumbravă Laura, Muntean ML, **Mureșanu DF**, **Cerebrovascular Profile Assessment in Parkinson's Disease Patients**, *CNS Neurol Disord Drug Targets*, June 2014; 13(4):712-717, DOI: 10.2174/1871527313666140618110409, PMID: 24938774, IDS Number: AN8EO, ISSN: 1871-5273, eISSN: 1996-3181
112. **Muresanu DF**, Popa-Wagner A, Stan A, Buga AM, Popescu BO, **The Vascular Component of Alzheimer's Disease**, *CURRENT NEUROVASCULAR RESEARCH*, 2014 Volume: 11, Issue: 2, Pages: 168-176, IDS Number: AO8FG
113. Sharma, Hari Shanker; Menon, Preeti K.; Lafuente, Jose Vicente;...**Muresanu DF**;...et al., **The Role of Functionalized Magnetic Iron Oxide Nanoparticles in the Central Nervous System Injury and Repair: New Potentials for Neuroprotection with Cerebrolysin Therapy**, *Journal of Nanoscience and Nanotechnology*, Jan 2014, Volume: 14, Issue: 1, pp. 577-595, Doi:10.1166/jnn.2014.9213, IDS Number: AB5BM, ISSN: 1533-4880, eISSN: 1533-4899
114. Sharma, HS; **Muresanu, DF**; Sharma, A; **Novel therapeutic strategies using nanodrug delivery, stem cells and combination therapy for CNS trauma and neurodegenerative disorders**, *EXPERT REVIEW OF NEUROTHERAPEUTICS*, Expert Reviews, Unitec House, UK, October 2013, Volume: OCT, Issue: 10, pp. 1085-1088, Doi: 10.1586/14737175.2013.836297, IDS: 233EY, ISSN: 1473-7175
115. Sharma, HS; **Muresanu, DF**; Patnaik, R; Sharma, A; **Exacerbation of Brain Pathology After Partial Restraint in Hypertensive Rats Following SiO₂ Nanoparticles Exposure at High Ambient Temperature**, *MOLECULAR NEUROBIOLOGY*, Humana Press Inc. USA, October 2013, Volume: 48, Issue: 2, pp. 368-379, DOI: 10.1007/s12035-013-8502-y, IDS Number: 221EN, ISSN: 0893-7648
116. Sharma, A; **Muresanu, DF**; Patnaik, R; Sharma, HS; **Size- and Age-Dependent Neurotoxicity of Engineered Metal Nanoparticles in Rats**, *MOLECULAR NEUROBIOLOGY*, Humana Press Inc. USA, October 2013, Volume: 48, Issue: 2, pp. 386-396, DOI: 10.1007/s12035-013-8500-0, IDS Number: 221EN, ISSN: 0893-7648
117. Krausz Ludovic Tibor; Major Zoltan Zsigmond; **Muresanu Dafin Fior**; et al., **Characterization of Cd4(+) and Cd8(+) Tregs in a Hodgkin's Lymphoma Patient Presenting with Myasthenia-Like Symptoms**, *IDEGGYOGYASZATI SZEMLE-*

- CLINICAL NEUROSCIENCE*, 30 Sept 2013, Volume: 66, Issue: 9-10, pp. 343-348, IDS Number: 270IN, ISSN: 0019-1442
118. Chen, L; Sharma, A; Guo, J; **Muresanu, D**; Huang, H; Skaper, S; Sharma, HS; **Conference Report: Annual Advances in Neurorestoratology: A Summary of IANR VI and 10th GCNN Conference Bucharest, Romania, April 4-7, 2013**, *CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS*, Betham Science Publ Ltd, Aug. 2013, Volume: 12, Issue: 5, pp. 547-549, IDS Number: 188OK, ISSN: 1871-5273
119. Lenti, Laura; Brainin, Michael; Titianova, Ekaterina;... **Muresanu, D**; et al., **Stroke care in Central Eastern Europe: current problems and call for action**, *INTERNATIONAL JOURNAL OF STROKE*, July 2013, Volume: 8, Issue: 5, pp. 365-371, DOI: 10.1111/j.1747-4949.2012.00845.x, IDS Number: 168SE, ISSN: 1747- 4930
120. Major, ZZ; Vacaras, V; Buzoianu, AD; Muresanu, DF; **Glatiramer Acetate Treatment-Related Effects on Visual EPs and P300 Wave in Patients Suffering from Multiple Sclerosis**, *NEUROPHYSIOLOGY*, Springer, New York, May 2013, Volume: 45, Issue: 3, pp. 234-242, DOI:10.1007/s11062-013-9361-x, IDS Number: 195RR, ISSN: 0090-2977
121. Formichi, P; Radi, E; Battisti, C; Maio, GD; Dotti, MT; **Muresanu, D**; Federico, A; **Effects of cerebrolysin administration on oxidative stress-induced apoptosis in lymphocytes from CADASIL patients**, *NEUROLOGICAL SCIENCES*, Springer New York, April 2013, Volume: 34, Issue: 4, pp. 553-556, DOI: 10.1007/s10072-012-1174-y, IDS Number: 122WG, ISSN: 1590-1874
122. Popa, L; Constantinescu, A; **Muresanu, DF**; Irimie, A; Balanescu, NR; Popescu, CD; **Clinical Improvement and Cortical Adaptations After Functional Electrical Stimulation in Parkinson's Disease Patients**, *CNS & Neurological Disorders – Drug Targets*, Betham Science Publ Ltd, March 2013, Volume: 12, Issue: 2, pp. 265-273, IDS Number: 126YQ, ISSN: 1871-5273
123. **Muresanu, DF**; Buzoianu, A; Florian, SI; von Wild, T; **Towards a roadmap in brain protection and recovery**, *Journal of Cellular and Molecular Medicine*, Wiley-Blackwell, December 2012, Volume: 16, Issue: 12, pp. 2861-2871, DOI: 10.1111/j.1582-4934.2012.01605.x, IDS Number: 057CZ, ISSN: 1582-1838
124. Buzoianu, AD; Trifa, AP; **Muresanu, DF**; Crisan, S; **Analysis of CYP2C9*3 and VKORC1 – 1639 G > A polymorphisms in a population from South-Eastern Europe**, *Journal of Cellular and Molecular Medicine*, Wiley-Blackwell, December 2012, Volume: 16, Issue: 12, pp. 2919-2924, DOI: 10.1111/j.1582-4934.2012.01606.x, IDS Number: 057CZ, ISSN: 1582-1838
125. Machicao, F; **Muresanu, D**; Hundtberger, H; Pflüger, M; Guekht, A; **Pleiotropic neuroprotective and metabolic effects of Actovegin's mode of action**, *Journal of the Neurological Sciences*, Elsevier Science BV, Nov 15 2012, Volume: 322, Issue: 1-2, Special Issue: SI, pp. 222-227, DOI: 10.1016/j.jns.2012.07.069, IDS Number: 033RV, ISSN: 0022-510X

126. Formichi, P; Radi, E; Battisti, C; Maio, GD; **Muresanu, D**; Federico, A; **Cerebrolysin administration reduces oxidative stress-induced apoptosis in lymphocytes from healthy individuals**, *Journal of Cellular and Molecular Medicine*, Wiley-Blackwell, November 2012 Volume: 16, Issue: 11, pp. 2840-2843, DOI: 10.1111/j.1582-4934.2012.01615.x, IDS Number: 030FM, ISSN: 1582-1838
127. Albu, S; **Muresanu, DF**; **Vestibular regeneration – experimental models and clinical implications**, *Journal of Cellular and Molecular Medicine*, Wiley-Blackwell, September 2012, Volume: 16, Issue: 9, pp. 1970-1977, DOI: 10.1111/j.1582-4934.2012.01540.x, IDS Number: 994SK, ISSN: 1582-1838
128. **Muresanu DF** , Stan A, Buzoianu A, **Neuroplasticity and impulse control disorders**, *Journal of the Neurological Sciences*, Elsevier Science BV, May 15 2012, Volume: 316, Issue: 1-2, pp. 15-20, DOI: 10.1016/j.jns.2012.01.016, IDS Number: 930XK, ISSN: 0022-510X
129. Sharma, A; **Muresanu, DF**; Moessler, H; Sharma, HS; **Superior Neuroprotective Effects of Cerebrolysin in Nanoparticle – Induced Exacerbation of Hyperthermia – Induced Brain Pathology**, *CNS & Neurological Disorders – Drug Targets*, Betham Science Publ Ltd, February 2012, Volume: 11, Issue: 1, pp. 7-25, IDS Number: 934MW, ISSN: 1871-5273
130. Lafuente, JV; Sharma, A; Patnaik, R; **Muresanu, DF**; Sharma, HS; **Diabetes Exacerbates Nanoparticles Induced Brain Pathology**, *CNS & Neurological Disorders – Drug Targets*, Betham Science Publ Ltd, February 2012, Volume: 11, Issue: 1, pp. 26-39, IDS Number: 934MW, ISSN: 1871-5273
131. Menon, PK; **Muresanu, DF**; Sharma, A; Moessler, H; Sharma, HS; **Cerebrolysin, a Mixture of Neurotrophic Factors Induces Marked Neuroprotection in Spinal Cord Injury Following Intoxication of Engineered Nanoparticles from Metals**, *CNS & Neurological Disorders – Drug Targets*, Betham Science Publ Ltd, February 2012, Volume: 11, Issue: 1, pp. 40 - 49, IDS Number: 934MW, ISSN: 1871-5273
132. **Muresanu, DF**; Sharma, A; Tian, ZR; Smith, MA; Sharma, HS; **Nanowired Drug Delivery of Antioxidant Compound H-290/51 Enhances Neuroprotection in Hyperthermia – Induced Neurotoxicity**, *CNS & Neurological Disorders – Drug Targets*, Betham Science Publ Ltd, February 2012, Volume: 11, Issue: 1, pp. 50 - 64, IDS Number: 934MW, ISSN: 1871-5273
133. Vos, PE; Alekseenko, Y; Battistin, L; Ehler, E; Gerstenbrand, F; **Muresanu, DF**; Potapov, A; Stepan, CA; Traubner, P; Vecsei, L; von Wild, K; **Mild traumatic brain injury**, *European Journal of Neurology*, Wiley-Blackwell, February 2012, Volume: 19, Issue: 2: pp. 191-198, DOI: 10.1111/j.1468-1331.2011.03581.x, IDS Number: 878KH, ISSN: 1351-5101
134. Pandey, AK; Patnaik, R; **Muresanu, DF**; Sharma, A; Sharma, HS; **Quercetin in Hypoxia-Induced Oxidative Stress: Novel Target for Neuroprotection**, *International Review of Neurobiology: New Perspectives of Central Nervous System Injury and*

- Neuroprotection* – Edited by Sharma, HS, 2012, Volume: 102, pp. 107-146, DOI: 10.1016/B978-0-12-386986-9.00005-3, IDS Number: BBU39, ISSN: 0074-7742, ISBN: 978-0-12-386986-9
135. Sharma, HS; Sharma, A; Mossler, H; **Muresanu, DF**; **Neuroprotective Effects of Cerebrolysin, A Combination of Different Active Fragments of Neurotrophic Factors and Peptides on The Whole Body Hyperthermia-Induced Neurotoxicity: Modulatory Roles of Co-Morbidity Factors and Nanoparticle Intoxication**, *International Review of Neurobiology: New Perspectives of Central Nervous System Injury and Neuroprotection* – Edited by Sharma, HS, 2012, Volume: 102, pp. 249-276, DOI: 10.1016/B978-0-12-386986-9.00005-3, IDS Number: BBU39, ISSN: 0074-7742, ISBN: 978-0-12-386986-9
 136. Sharma, HS; **Muresanu, DF**; Patnaik, R; Stan, AD; Vacaras, V; Perju-Dumbrava, L; Alexandru, B; Buzoianu, A; Opincariu, L; Menon, PK; Sharma, A; **Superior Neuroprotective Effects of Cerebrolysin in Heat Stroke Following Chronic Intoxication of CU or Ag Engineered Nanoparticles. A Comparative Study with Other Neuroprotective Agents Using Biochemical and Morphological Approaches in the Rat**, *Journal of Nanoscience and Nanotechnology*, Amer Scientific Publishers, September 2011, Volume: 11, Issue: 9, pp. 7549-7569, DOI: 10.1166/jnn.2011.5114, IDS Number: 837NG, ISSN: 1533-4880
 137. Enciu, AM; Nicolescu, MI; Manole, CG; **Muresanu, DF**; Popescu, LM; Popescu, BO; **Neuroregeneration in Neurodegenerative Disorders**, *BMC Neurology*, Biomed Central LTD, 23 June 2011, Volume: 11, article number: 75, DOI: 10.1186/1471-2377-11-75, IDS Number: 799OS, ISSN: 1471-2377
 138. **Muresanu, DF**; Doppler, E; Novak, P; **Research Highlights Neurotrophic Factor Treatment of Neurological Disorders: The Benefits of a Pleiotropic Treatment Approach**, *CNS & Neurological Disorders-Drug Targets*, Bentham Science Publ LTD, June 2011, Volume: 10, Issue: 4, pp. 415-416, IDS Number: 777PG, ISSN: 1871-5273
 139. Sharma, HS; Ali, SF; Patnaik, R; Zimmermann-Meinzingen, S; Sharma, A; **Muresanu, DF**; **Cerebrolysin Attenuates Heat Shock Protein (HSP 72 KD) Expression in the Rat Spinal Cord Following Morphine Dependence and Withdrawal: Possible New Therapy for Pain Management**, *Current Neuropharmacology*, Bentham Science Publ LTD, March 2011, Volume: 9, Issue: 1, pp. 223-235, IDS Number: 743DB, ISSN: 1570-159X
 140. **Muresanu, DF**; Alvarez, XA; Moessler, H; Novak, PH; Stan, A; Buzoianu, A; Bajenaru, O; Popescu, BO; **Persistence of the effects of Cerebrolysin on cognition and qEEG slowing in vascular dementia patients: Results of a 3-month extension study**, *Journal of the neurological sciences*, Elsevier Science BV, 15 December 2010, Volume: 299, Issue: 1-2, special Issue: SI, pp. 179-183, DOI: 10.1016/j.jns.2010.08.040, IDS Number: 705JC, ISSN: 0022-510x

141. **Muresanu, DF; Brain recovery – towards an unified theory**, *Journal of Cellular and Molecular Medicine*, Wiley-Blackwell, March 2010, Volume: 14, Issue: 3, pp. 455-456, DOI: 10.1111/j.1582-4934.2010.01020.x, IDS Number: 586YA, ISSN: 1582-1838
142. **Muresanu, DF; Neuromodulation with Pleiotropic and Multimodal Drugs – Future Approaches to Treatment of Neurological Disorders**, *Acta Neurochirurgica Supplementa – Brain Edema XIV*, editors: Czernicki Z, Baethmann A, Katayama Y, Kuroiwa T, Mendelow D, Springer-Verlag Wien, 2010, Volume: 106, pp. 291-294, DOI: 10.1007/978-3-211-98811-4_54, IDS Number: BNL75, ISSN: 0065-1419, ISBN: 978-3-211-98758-2
143. **Muresanu D. F., Towards a New Paradigm in Neuroprotection and Neuroplasticity**, *Brain Protection in Schizophrenia, Mood and Cognitive Disorders*, edited by Michael S. Ritsner, Springer, London, UK, 2010, pp. 27-45, DOI: 10.1007/978-90-481-8553-5, IDS Number: BQD33, ISBN:978-90-481-8552-8
144. Sharma, HS; **Muresanu, D**; Sharma, A; Zimmermann-Meinzingen, S; **Cerebrolysin treatment attenuates heat shock protein overexpression in the brain following heat stress An experimental study using immunohistochemistry at light and electron microscopy in the rat**, *Annals of the New York Academy of Science - Neuroprotective Agents*, editors: Andrews RJ, Slikker W, Trembly B, Patterson TA, Blackwell Publishing, 2010, Volume: 1199, pp. 138-148, DOI: 10.1111/j.1749-6632.2009.05330.x, IDS Number: BRJ59, ISSN: 0077-8923, ISBN: 978-1-57331-777-1
145. **Muresanu, DF**; Sharma, A; Sharma, HS; **Diabetes aggravates heat stress-induced blood-brain barrier breakdown, reduction in cerebral blood flow, edema formation, and brain pathology Possible neuroprotection with growth hormone**, *Annals of the New York Academy of Science - Neuroprotective Agents*, editors: Andrews RJ, Slikker W, Trembly B, Patterson TA, Blackwell Publishing, 2010, Volume: 1199, pp. 15-26, DOI: 10.1111/j.1749-6632.2009.05328.x, IDS Number: BRJ59, ISSN: 0077-8923, ISBN: 978-1-57331-777-1
146. **Muresanu, DF**; Zimmermann-Meinzingen, S; Sharma, HS; **Chronic Hypertension Aggravates Heat Stress - Induced Brain Damage: Possible Neuroprotection by Cerebrolysin**, *Acta Neurochirurgica Supplementa – Brain Edema XIV*, editors: Czernicki Z, Baethmann A, Katayama Y, Kuroiwa T, Mendelow D, Springer-Verlag Wien, 2010, Volume: 106, pp. 327-333, DOI: 10.1007/978-3-211-98811-4_61, IDS Number: BNL75, ISSN: 0065-1419, ISBN: 978-3-211-98758-2
147. Sharma, HS; Sharma, A; Hussain, S; Schlager, J; Sjoquist, PO; **Muresanu, D**; **A New Antioxidant Compound H-290/51 Attenuates Nanoparticles Induced Neurotoxicity and Enhances Neurorepair in Hyperthermia**, *Acta Neurochirurgica Supplementa – Brain Edema XIV*, editors: Czernicki Z, Baethmann A, Katayama Y, Kuroiwa T, Mendelow D, Springer-Verlag Wien, 2010, Volume: 106, pp. 351-357, DOI: 10.1007/978-3-211-98811-4_64, IDS Number: BNL75, ISSN: 0065-1419, ISBN: 978-3-211-98758-2

148. Onose, G; Angheliescu, A; **Muresanu, DF**; Padure, L; Haras, MA; Chendreanu, CO; Onose, LV; Mirea, A; Ciurea, AV; El Masri, WS; von Wild, KRH; **A review of published reports on neuroprotection in spinal cord injury**, *Spinal Cord*, Nature Publishing Group, October 2009, Volume: 47, Issue: 10, pp. 716-726, DOI: 10.1038/sc.2009.52, IDS Number: 503DW, ISSN: 1362-4393
149. Popescu, BO; Toescu, EC; Popescu, LM' Bajenaru, O; **Muresanu, DF**; Schulzberg, M; Bogdanovic, N; **Blood-brain barrier alternations in ageing and dementia**, *Journal of the Neurological Sciences*, Elsevier Science BV, 15 August 2009, Volume: 283, Issue: 1-2, special Issue: SI, pp. 99-106, DOI: 10.1016/j.jns.2009.02.321, IDS Number; 478SU, ISSN: 0022-510X
150. Sharma, HS; Ali, SF; Tian, ZR; Hussain, SM; Schlager, JJ; Sjoquist, PO; Sharma, A; **Muresanu, DF**; **Chronic Treatment with Nanoparticles Exacerbate Hyperthermia Induced Blood-Brain Barrier Breakdown, Cognitive Dysfunction and Brain Pathology in the Rat. Neuroprotective Effects of Nanowired-Antioxidant Compound H-290/51**, *Journal of Nanoscience and Nanotechnology*, Amer Scientific Publishers, August 2009, Volume: 9, Issue: 8, pp. 5073-5090, DOI: 10.1160/jnn.2009.GR10, IDS Number: 470QO, ISSN: 1533-4880
151. Sharma, HS; **Muresanu, D**; Sharma, A; Patnaik, R; **Cocaine-induced breakdown of the blood-brain barrier and neurotoxicity**, *International Review of Neurobiology – New Concepts of Psychostimulants Induced Neurotoxicity*, Elsevier Academic Press INC, 2009, Volume: 88, pp. 297-334, DOI: 10.1016/S0074-7742(09)88011-2, IDS Number; BMI37, ISSN: 0074-7742, ISBN: 978-0-12-374504-0
152. Sharma, HS; **Muresanu, DF**; Sharma, A; Patnaik, R; Lafuente, JV; **Nanoparticles influence pathophysiology of spinal cord injury and repair**, *Progress in Brain Research - Nanoneuroscience and Nanoneuropharmacology*, Elsevier Science BV, 2009, Volume; 180, pp. 155-180, DOI: 10.1016/S0079-6123(08)80009-X, IDS Number; BQC14, ISSN: 0079-6123, ISBN: 978-0-444-53431-6
153. Alvarez, XA; Sampedro, C; Figueroa, J; Tellado, I; Gonzalez, A; Garcia-Fantini, M; Cacabelos, R; **Muresanu, D**; Moessler, H; **Reductions in qEEG slowing over 1 year and after treatment with Cerebrolysin in patients with moderate-severe traumatic brain injury**, *Journal of Neural Transmission*, Springer Wien, May 2008, Volume: 115, Issue: 5, pp. 683-692, DOI: 10.1007/s00702-008-0024-9, IDS Number: 308ZY, ISSN: 0300-9564
154. **Muresanu, DF**; Alvarez, XA; Moessler, H; Buia, M; Stan, A; Pintea, D; Moldovan, F; Popescu, BO; **A pilot study to evaluate the effects of Cerebrolysin on cognition and qEEG in vascular dementia: Cognitive improvement correlates with qEEG acceleration**, *Journal of the Neurological Science*, Elsevier Science BV, 15 April 2008, Volume: 267, Issue: 1-2, pp. 112-119, DOI: 10.1016/j.jns.2007.10.016, IDS Number: 276YM, ISSN: 0022-510X

155. **Muresanu, DF; Neuroprotection and neuroplasticity – A holistic approach and future perspectives**, *Journal of the Neurological Sciences*, Elsevier Science BV, 15 June 2007, Volume: 257, Issue: 1-2, pp. 38-43, DOI: 10.1016/j.jns.2007.01.041, IDS Number: 184MV, ISSN: 0022-510X
156. **Muresanu, DF; Sharma, HS; Chronic hypertension aggravates heat stress-induced cognitive dysfunction and brain pathology – An experimental study in the rat, using growth hormone therapy for possible neuroprotection**, *Annals of the New York Academy of Science - Neuroprotective Agents: Eighth International Neuroprotection Society Meeting*, editors: Slikker W, Andrew RJ, Trembly B, Blackwell Publishing, 2007, Volume: 1122, pp. 1-22, DOI: 10.1196/annals.1403.001, IDS Number: BHD20, ISSN: 0077-8923, ISBN: 978-1-57331-685-9
157. Popescu, BO; Abramovici, S; **Muresanu, DF; Bajenaru, O; Cerebrolysin protects neurons against serum deprivation induced apoptosis**, *New Trends in Alzheimer and Parkinson Related Disorders: ADPD 2007*, editors: Hanin I, Windisch M, Poewe W, Fisher A, Medimond SRL, 2007, pp. 57-61, IDS Number: BHY56, ISBN: 978-88-7587-405-6
158. Alvarez, XA; Cacabelos, R; Laredo, M; Couceiro, V; Sampedro, C; Varela, M; Corzo, L; Fernandez-Novoa, L; Vargas, M; Aleixandre, M; Linares, C; Granizo, E; **Muresanu, D; Moessler, H; A 24-week, double-blind, placebo-controlled study of three dosages of Cerebrolysin in patients with mild to moderate Alzheimer's disease**, *European Journal of Neurology*, Blackwell Publishing, January 2006, Volume: 13, Issue: 1, pp. 43-54, DOI: 10.1111/j.1468-1331.2006.01222.x, IDS Number:002YJ, ISSN: 1351-5101
159. **Muresanu, DF; Rainer, M; Moessler, H; Improved global function and activities of daily living in patients with AD: a placebo-controlled clinical study with the neurotrophic agent Cerebrolysin ((R))**, *Ageing and Dementia Current and Future Concepts*, editors: Jelling KA, Schmidt R, Windisch M, Springer-Verlag Wien, 2002, pp. 277-285, IDS Number: BV64U, ISBN: 3-211-83787-3
160. **Muresanu, DF; Rainer, M; Moessler, H; Improved global function and activities of daily living in patients with AD: a placebo-controlled clinical study with the neurotrophic agent Cerebrolysin (R)**, *Journal of Neural Transmission-Supplement*, Springer-Verlag, 2002, Issue: 62, pp. 277-285, IDS Number: 595CC, ISSN: 0303-6995