

CAPITOLE în publicații internaționale

1. *Aphasia Compendium*, Academic Editor: Dragos Catalin Jianu, Co-Editor: Dafin F. Muresanu, published by IntechOpen, London, UK, 2022, ISBN: 978-1-80355-070-1, Ebook ISBN: 978-1-80355-071-8, 140 pages, <https://www.intechopen.com/books/10889>
2. *Modern Approches to Augmentation of Brain Function*, edited by Ioan Opris, Mikhail A. Lebedev, Manuel F. Casanova, **Pharmacological Approaches in the Augmentation and Recovery of Brain Function**, Dafin F. Muresanu, Codruta Birle, Livia Livint Popa, Olivia Verisezan-Rosu, Stefan Strilciuc, Contemporary Clinical Neuroscience – Series editor: Mario Manto, published by SPRINGER, 2021, ISSN: 2627-535X, eISSN: 2627-5341, ISBN: 978-3-030-54563-5, eISBN: 978-3-030-54564-2, pp. 679-718
3. *Progress in Brain Research, Volume 266 – Brain Protection Strategies and Nanomedicine*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 1 - Histamine H3 and H4 receptors modulate Parkinson's disease induced brain pathology. Neuroprotective effects of nanowired BF-2649 and clobenpropit with anti-histamine-antibody therapy**, Aruna Sharma, **Dafin F. Muresanu**, Ranjana Patnaik, Preeti K. Menon, Z. Ryan Tian, Seaab Sahib, Rudy J. Castellani, Ala Nozari, Jose Vicente Lafuente, Anca D. Buzoianu, Stephen D. Skaper, Igor Bryukhovetskiy, Igor Manzhulo, Lars Wiklund, Hari Shanker Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-98927-5, pp. 1-73
4. *Progress in Brain Research, Volume 266 – Brain Protection Strategies and Nanomedicine*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 3 - Neuroprotective effects of insulin like growth factor-1 on engineered metal nanoparticles Ag, Cu and Al induced blood-brain barrier breakdown, edema formation, oxidative stress, upregulation of neuronal nitric oxide synthase and brain pathology**, Hari Shanker Sharma, Jose Vicente Lafuente, **Dafin F. Muresanu**, Seaab Sahib, Ryan Tian, Preeti K. Menon, Z. Rudy J. Castellani, Ala Nozari, Anca D. Buzoianu, Per-Ove Sjöquist, Ranjana Patnaik, Lars Wiklund, Aruna Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-98927-5, pp. 97-121
5. *Progress in Brain Research, Volume 266 – Brain Protection Strategies and Nanomedicine*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 4 - Methamphetamine exacerbates pathophysiology of traumatic brain injury at high altitude. Neuroprotective effects of nanodelivery of a potent antioxidant compound H-290/51**, Hari Shanker Sharma, Jose Vicente Lafuente, Lianyuan Feng, **Dafin F. Muresanu**, Preeti K. Menon, Rudy J. Castellani, Ala Nozari, Seaab Sahib, Z. Ryan Tian, Anca D. Buzoianu, Per-Ove Sjöquist, Ranjana Patnaik, Lars Wiklund, Aruna Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-98927-5, pp. 123-193
6. *Progress in Brain Research, Volume 266 – Brain Protection Strategies and Nanomedicine*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 6 -**

Cerebrolysin restores balance between excitatory and inhibitory amino acids in brain following concussive head injury. Superior neuroprotective effects of TiO₂ nanowired drug delivery, Hari Shanker Sharma, **Dafin F. Muresanu**, Seaab Sahib, Z. Ryan Tian, Jose Vicente Lafuente, Anca D. Buzoianu, Rudy J. Castellani, Ala Nozari, Cong Li, Zhiquiang Zhang, Lars Wiklund, Aruna Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-98927-5, pp. 211-267

7. *Progress in Brain Research, Volume 266 – Brain Protection Strategies and Nanomedicine*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 8 - Superior antioxidant and anti-ischemic neuroprotective effects of cerebrolysin in heat stroke following intoxication of engineered metal Ag and Cu nanoparticles: A comparative biochemical and physiological study with other stroke therapies**, Hari Shanker Sharma, **Dafin F. Muresanu**, Asya Ozkizilcik, Seaab Sahib, Z. Ryan Tian, Jose Vicente Lafuente, Rudy J. Castellani, Ala Nozari, Lianyuan Feng, Anca D. Buzoianu, Preeti K. Menon, Ranjana Patnaik, Lars Wiklund, Aruna Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-98927-5, pp. 301-348
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10. *Progress in Brain Research, Volume 265 – Nanomedicine and Neuroprotection in Brain Diseases*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 4 – Nanodelivery of oxiracetam enhances memory, functional recovery and induces neuroprotection following concussive head injury**, Feng Niu, Aruna Sharma, Zhenguo Wang, Lianyuan Feng, **Dafin F. Muresanu**, Seaab Sahib, Z. Ryan Tian, Jose Vicente Lafuente, Anca D. Buzoianu, Rudy J. Castellani, Ala Nozari, Preeti K. Menon, Ranjana Patnaik, Lars Wiklund, and Hari Shanker Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-90162-8, pp. 139-230

11. *Progress in Brain Research, Volume 265 – Nanomedicine and Neuroprotection in Brain Diseases*, edited by Hari Shanker Sharma, Aruna Sharma, **Chapter 6 – Nanodelivery of traditional Chinese Ginkgo Biloba extract EGb-761 and bilobalide BN-52021 induces superior neuroprotective effects on pathophysiology of heat stroke**, Seaab Sahib, Aruna Sharma, **Dafin F. Muresanu**, Zhiqiang Zhang, Cong Li, Z. Ryan Tian, Anca D. Buzoianu, Jose Vicente Lafuente, Rudy J. Castellani, Ala Nozari, Ranjana Patnaik, Preeti K. Menon, Lars Wiklund, and Hari Shanker Sharma, published by ELSEVIER, 2021, ISSN: 0079-6123, ISBN: 978-0-323-90162-8, pp. 249-315
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