

Listă articole publicate în domeniul tezei de doctorat:

1. Savuca A, **Curpan** A-S, Hritcu LD, Buzenchi Proca TM, Balmus I-M, Lungu PF, Jijie R, Nicoara MN, Ciobica AS, Solcan G, Solcan C. Do microplastics have neurological implications in relation to schizophrenia zebrafish models? A brain immunohistochemistry, neurotoxicity assessment, and oxidative stress analysis, International Journal of Molecular Sciences 2024; 25(15):8331 <https://doi.org/10.3390/ijms25158331> (IF = 4.9 la momentul publicării)
2. **Curpan** AS, Savuca A, Hritcu LD, Solcan C, Nicoara MN, Luca AC, et al. A new approach to explore the correlation between declarative memory and anxiety in animal models of schizophrenia and microplastic pollution. Behavioural Brain Research. 2024 Feb 26;458:114742. (IF=3.352 la momentul publicării)
3. **Curpăn** AS., Balmus I-M, Dobrin RP, Ciobica A, Chele GE, Gorgan DL, Boloş A. 2022. A Mini-Review Regarding the Modalities to Study Neurodevelopmental Disorders-Like Impairments in Zebrafish—Focussing on Neurobehavioural and Psychological Responses, Brain Sciences 2022; 12(9):1147. <https://doi.org/10.3390/brainsci12091147> (IF= 3.3 la momentul publicării)
4. **Curpăn** A.S., Luca A.-C., Ciobica A. Potential novel therapies for neurodevelopmental diseases targeting oxidative stress, Oxidative medicine and cellular longevity, 2022; <https://doi.org/10.1155/2021/6640206> (IF = 6,761 la momentul publicării)
5. **Curpăn** AS, Alin C. Do zebrafish have personality? Possible associations between behavioural patterns and personality traits in *Danio rerio* in the context of schizophrenia. Bulletin of Integrative Psychiatry. 2023 Dec 15;99(4):23–33. (indexată BDI)
6. Savuca A, **Curpan** A, Hritcu L, Ciobîcă A, Plavan G, Nicoar M. Preliminary study on the behavioral response of zebrafish to the presence of methionine and polypropylene residues in water, 2022;45:89-96. 10.35219/ann-ugal-math-phys-mec.2022.2.08. – publicarea *in extenso* a lucrării prezentate la conferință
7. Savuca A, **Curpan** A, Nicoara M, Ciobica AS. POSSIBLE RELATIONSHIP BETWEEN ENVIRONMENTAL POLLUTANTS/MICROPLASTICS AND SCHIZOPHRENIA ETIOLOGY AND PROGRESSION. In: Proceedings of the Romanian Academy - Series A: Mathematics, Physics, Technical sciences, information Science. Romanian Academy; 2023. – publicarea *in extenso* a lucrării prezentate la conferință
8. **Curpan** A, Savuca A, Ciobîcă A. Behavioural analysis of potential new approach in modelling schizophrenia using zebrafish. Current trends in natural sciences, 2023; 12. 06-16. 10.47068/ctns.2023.v12i24.001. – publicarea *in extenso* a lucrării prezentate la conferință

Listă articole publicate ÎNAFARA domeniului tezei:

1. Savuca, A.; Chelaru, I.-A.; Balmus, I.-M.; **Curpan**, A.-S.; Nicoara, M.N.; Ciobica, A.S. Toxicological Response of Zebrafish Exposed to Cocktails of Polymeric Materials and Valproic Acid. *Sustainability* **2024**, *16*, 2057. <https://doi.org/10.3390/su16052057>
2. Savuca, A., Chelaru, I.A., **Curpan**, A.S., Ciobica, A.S., Nicoara, M.N. (2023). DOSE DEPENDENT EFFECTS OF TWO POLYMERIC MATERIALS AND SIMILARITIES WITH CERTAIN DRUGS. *Current Trends in Natural Sciences*, 12(23), 266-273. <https://doi.org/10.47068/ctns.2023.v12i23.031>
3. Impellitteri, F.; **Curpăn**, A.-S.; Plăvan, G.; Ciobica, A.; Faggio, C. Hemocytes: A Useful Tool for Assessing the Toxicity of Microplastics, Heavy Metals, and Pesticides on Aquatic Invertebrates. *Int. J. Environ. Res. Public Health* **2022**, *19*, 16830. <https://doi.org/10.3390/ijerph192416830>
4. Luca, I.; **Curpan**, A.; Dobre, C.E.; Ciobica, A. Describing some metabolic manifestations in zebrafish models and their possible neuropsychiatric relevance, *Bulletin of Integrative Psychiatry* **2022**, *93*(2), 33-44
5. Huzum, B.; **Curpan**, A.S.; Puha, B.; Serban, D.N.; Veliceasa, B.; Necoara, R.M.; Alexa, O.; Serban, I.L. Connections between Orthopedic Conditions and Oxidative Stress: Current Perspective and the Possible Relevance of Other Factors, Such as Metabolic Implications, Antibiotic Resistance, and COVID-19. *Medicina* **2022**, *58*, 439. <https://doi.org/10.3390/medicina58030439>
6. **Curpan**, A.S.; Impellitteri, F.; Plavan, G.; Ciobica, A.; Faggio, C. Review: Mytilus galloprovincialis: An essential, low-cost model organism for the impact of xenobiotics on oxidative stress and public health, *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* **2022**, *256*, 109302, <https://doi.org/10.1016/j.cbpc.2022.109302>.
7. Honceriu, C.; **Curpan**, A.-S.; Ciobica, A.; Ciobica, A.; Trus, C.; Timofte, D. Connections between Different Sports and Ergogenic Aids—Focusing on Salivary Cortisol and Amylase. *Medicina* **2021**, *57*, 753. <https://doi.org/10.3390/medicina57080753>
8. Estaphan, S.; **Curpăn**, A.-S.; Khalifa, D.; Rashed, L.; Ciobica, A.; Cantemir, A.; Ciobica, A.; Trus, C.; Ali, M.; ShamsEldeen, A. Combined Low Dose of Ketamine and Social Isolation: A Possible Model of Induced Chronic Schizophrenia-Like Symptoms in Male Albino Rats. *Brain Sci.* **2021**, *11*, 917. <https://doi.org/10.3390/brainsci11070917>
9. Robea, M.A.; Ciobica, A.; **Curpan**, A.-S.; Plavan, G.; Strungaru, S.; Lefter, R.; Nicoara, M. Preliminary Results Regarding Sleep in a Zebrafish Model of Autism Spectrum Disorder. *Brain Sci.* **2021**, *11*, 556. <https://doi.org/10.3390/brainsci11050556>
10. Lenzi, C.; Strungaru, S.A.; Nicoara, M.; Plavan, G.; **Curpan**, A.; Ciobica, A.; Timofte, D. Shoaling preference and social partner selection – behavioral, metabolic and psychiatric relevance in a zebrafish (Danio rerio) study, *Bulletin of integrative psychiatry* 2020, [10.36219/BPI.2020.4.06](https://doi.org/10.36219/BPI.2020.4.06)

11. **Curpan, A.**; Strungaru, S.A.; Savuca, A.; Ilie, O.; Ciobica, A.; Timofte, D.; Cojocariu, R.; Plavan, G.; Nicoara, M. A current perspective on the relevance of nano and microplastics in the neurodevelopmental disorders: further relevance for metabolic, gastrointestinal, oxidative stress-related and zebrafish studies, *Bulletin of integrative psychiatry* 2020, [10.36219/BPI.2020.3.01](https://doi.org/10.36219/BPI.2020.3.01)
12. **Curpan, A.**; Savuca, A.; Hritcu, L.; Ciobica, A.; Nicolae, P.S.; Timofte, D. Correlations between anxiety levels, gastrointestinal manifestations and social isolation following the lockdown due to coronavirus outbreak in Romanian students, *Bulletin of integrative psychiatry* 2020, [10.36219/BPI.2020.3.07](https://doi.org/10.36219/BPI.2020.3.07)
13. Ciobica, A.; Padurariu, M.; **Curpan, A.**; Antioch, I.; Chirita, R.; Stefanescu, C.; Luca, A. C.; Tomida, M.; Minireview on the Connections between the Neuropsychiatric and Dental Disorders: Current Perspectives and the Possible Relevance of Oxidative Stress and Other Factors, *Oxidative Medicine and Cellular Longevity* 2020, 6702314 <https://doi.org/10.1155/2020/6702314>