

LISTA DE LUCRĂRI PUBLICATE

Lector universitar dr. Ioana Boeraș

1. Teza de doctorat

Reglementarea translatiei proteinei structurale Gag de la virusul MMTV la nivel co-transcriptional

2. Capitole în volume

Singh D, Boeras I, Singh G and K. Boris-Lawrie. 2016. Isolation of Cognate Cellular and Viral Ribonucleoprotein Complexes of HIV-1 RNA Applicable to Proteomic Discovery and Molecular Investigations Methods Mol Biol. 1354:133-46. doi: 10.1007/978-1-4939-3046-3_9

3. Articole publicate în reviste recunoscute la nivel internațional

Maniu, G., Matacuta-Bogdan, I.O., Boeras, I., Suchacka, G., Maniu, I. and Totan, M., 2026. Identifying Laboratory Parameters Profiles of COVID-19 and Influenza in Children: A Decision Tree Model. *Applied Sciences*, 16(2), p.668.

Ichim, C., Boicean, A., Todor, S.B., Boeras, I., Anderco, P. and Birlutiu, V., 2025. Dynamics of Fecal microRNAs Following Fecal Microbiota Transplantation in Alcohol-Related Cirrhosis. *Journal of Clinical Medicine*, 14(24), p.8623.

Matei, C., Boeras, I., Orga Dumitriu, D., Mutu, C., Popescu, A., Cucu, M.G., Calotă-Dobrescu, A., Fetica, B. and Atasie, D., 2025. Familial Von Hippel–Lindau Disease: A Case Series of Cerebral Hemangioblastomas with MRI, Histopathological, and Genetic Correlations. *Life*, 15(11), p.1649.

Boicean, A., Boeras, I., Birsan, S., Ichim, C., Todor, S.B., Onisor, D.M., Brusnic, O., Bacila, C., Dura, H., Roman-Filip, C. and Ognean, M.L., 2024. In Pursuit of Novel Markers: Unraveling the Potential of miR-106, CEA and CA 19-9 in Gastric Adenocarcinoma Diagnosis and Staging. *International Journal of Molecular Sciences*, 25(14), p.7898.

Oprinca, G.C., Mohor, C.I., Bereanu, A.S., Oprinca-Muja, L.A., Bogdan-Duică, I., Fleacă, S.R., Hașegan, A., Diter, A., Boeraș, I., Cristian, A.N. and Tâlván, E.T., 2024. Detection of SARS-CoV-2 Viral Genome and Viral Nucleocapsid in Various Organs and Systems. *International Journal of Molecular Sciences*, 25(11), p.5755

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Boeraș, I., Burcea, A., Bănăduc, D., Florea, D.I. and Curtean-Bănăduc, A., 2024. Lotic Ecosystem Sediment Microbial Communities' Resilience to the Impact of Wastewater Effluents in a Polluted European Hotspot—Mureș Basin (Transylvania, Romania). *Water*, 16(3), p.402.

Mohor, C.I., Oprinca, G.C., Oprinca-Muja, A., Fleacă, S.R., Boicean, A., Boeraș, I., Roman, M.D. and Mohor, C.I., 2024. Vertical transmission of SARS-CoV-2 from mother to fetus. *Pathology*, 56(1), pp. 107-110.

Benedek, A.M., Boeraş, I., Lazăr, A., Sandu, A., Cocîrlea, M.D., Stănciugelu, M., Cic, N.V. and Postolache, C., 2024. Effects of Season, Habitat, and Host Characteristics on Ectoparasites of Wild Rodents in a Mosaic Rural Landscape. *Animals*, 14(2), p.304.

Boicean, A., Birsan, S., Ichim, C., Boeras, I., Roman-Filip, I., Blanca, G., Bacila, C., Fleaca, R.S., Dura, H. and Roman-Filip, C., 2023. Has-miR-129-5p's involvement in different disorders, from digestive cancer to neurodegenerative diseases. *Biomedicines*, 11(7), p.2058.

Boeraş, I., Curtean-Bănăduc, A., Bănăduc, D. and Cioca, G., 2022. Anthropogenic sewage water circuit as vector for SARS-CoV-2 viral ARN transport and public health assessment, monitoring and forecasting—Sibiu metropolitan area (Transylvania/Romania) study case. *International journal of environmental research and public health*, 19(18), p.11725.

Boeraş, I., Burcea, A., Coman, C., Bănăduc, D. and Curtean-Bănăduc, A., 2021. Bacterial microbiomes in the sediments of lotic systems ecologic drivers and role: A case study from the Mureş River, Transylvania, Romania. *Water*, 13(24), p.3518. Burcea, A.;

Boeraş, I.; Mihuţ, C.-M.; Bănăduc, D.; Matei, C.; Curtean-Bănăduc, A., 2020. Adding the Mureş River Basin (Transylvania, Romania) to the list of hotspots with high contamination with pharmaceuticals. *Sustainability*, 12, 23, 10197, Special Issue Landscape, Water, Ground, and Society Sustainability under Global Change Scenarios, p. 19.

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Boeras, I, Seufzer, B, Brady, S, Rendahl, A, Heng, X and K. Boris-Lawrie. 2017. The basal translation rate of authentic HIV-1 RNA is regulated by 5'UTR nt-pairings at junction of R and U5. *Scientific Reports*. doi: 10.1038/s41598-017-06883-9

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Boeras, I., M. Sakalian, and J. T. West. 2012. Translation of MMTV Gag requires nuclear events involving splicing motifs in addition to the viral Rem protein and RmRE. *Retrovirology* 9:8. doi: 10.1186/1742-4690-9-8.