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CURRICULUM VITAE

Personal details:

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Areas of interest:

Bacteriology
Virology
Mycology
Molecular Biology

Research activity:

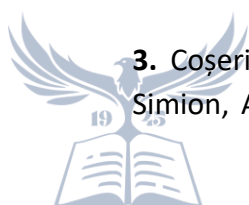
1. Research projects

- Prospective study of the presence in waste waters of County Hospital Mures and in the surface waters from Targu Mures of MDR bacteria;
- Prospective study of food microbiology for the presence of toxigenic bacteria from poultry and lactates;
- Molecular study of *Vibrio* spp. Isolated from the County Hospital Mures microbiology laboratory

2. Articles published in extenso

1. Togănel R, Coșeriu R, Vintilă C, Simion A. An overview of the microflora of the patients admitted in an Ear Nose and Throat tertiary hospital from Romania. Acta Marisiensis - Seria Medica. 2022;68(3): 108-113. ISSN: 2668-7755, Online ISSN: 2668-7763 , <https://doi.org/10.2478/amma-2022-0017>
2. Cucoranu, D.C.; Pop, M.; Niculescu, R.; Vunvulea, V.; Kosovski, I.-B.; Togănel, R.-O.; Russu, E.; Mureșan, A.V.; Licu, R.-A.; Bacărea, A. Correlation between CT Abdominal Anthropometric Measurements and Liver Density in Individuals with Non-Alcoholic Fatty Liver Disease. Medicina 2023, 59, 500. <https://doi.org/10.3390/medicina59030500> IF: 2,948, Q2

3. Coșeriu, R.L.; Vintilă, C.; Pribac, M.; Mare, A.D.; Ciurea, C.N.; Togănel, R.O.; Cighir, A.; Simion, A.; Man, A. Antibacterial Effect of 16 Essential Oils and Modulation of mex Efflux





Pumps Gene Expression on Multidrug-Resistant *Pseudomonas aeruginosa* Clinical Isolates: Is Cinnamon a Good Fighter? Antibiotics 2023, 12, 163., <https://doi.org/10.3390/antibiotics12010163> IF:5,222, Q1

4. Coșeriu, R.L.; Vintilă, C.; Mare, A.D.; Ciurea, C.N.; Togănel, R.O.; Cighir, A.; Simion, A.; Man, A. Epidemiology, Evolution of Antimicrobial Profile and Genomic Fingerprints of *Pseudomonas aeruginosa* before and during COVID-19: Transition from Resistance to Susceptibility. Life 2022, 12, 2049. <https://doi.org/10.3390/life12122049> IF:3,523, Q2

5. Cucoranu DC, Pop M, Niculescu R, Kosovski IB, Toganel RO, Licu RA, Bacărea A. Correlation between Coronary Artery Disease and Non-Alcoholic Fatty Liver Disease Using Computed Tomography Coronary Calcium Scans. Curr Health Sci J. 2023 Apr-Jun;49(2):244-250. doi: 10.12865/CHSJ.49.02.244. Epub 2023 Jun 30. PMID: 37779834; PMCID: PMC10541065.

