

**Candidat:** TOGĂNEL RADU – OVIDIU

**Post didactic:** Asistent universitar perioadă nedeterminată

**Departament:** ME1

**Disciplina:** Microbiologie

**Poziția:** 71

## LISTĂ LUCRĂRI

- **Articole publicate în extenso în reviste cotate ISI, cu FI, prim-autor**

1. **Togănel, R. O.**, C. N.Ciurea, A.Cighir, et al. 2025. "The Latest Practices in Culture-Free Detection of Bacteria in Water, From Sampling to Membrane Filtration and DNA Extraction: A Systematic Review." *MicrobiologyOpen*14: 1–19. <https://doi.org/10.1002/mbo3.70119>. IF:4.6, Q1
2. **Togănel, R.O.**; Coșeriu, R.L.; Mare, A.D.; Vintilă, C.; Sîrbu, I.-O.; Chis, A.R.; Gîrbovan, C.E.; Man, A. Uncommon Pathogens in Common Presentations: Genetic Profiling and Virulence Determinants of *Vibrio alginolyticus* Isolated from a Case of External Otitis. *Infect. Dis. Rep.* **2025**, 17, 114. <https://doi.org/10.3390/idr17050114> . IF:2.4, Q2

- **Articole publicate în extenso în reviste cotate ISI cu FI, co-autor**

1. Vintilă, C.; Coșeriu, R.L.; Mare, A.D.; Ciurea, C.N.; **Togănel, R.O.**; Simion, A.; Cighir, A.; Man, A. Biofilm Formation and Antibiotic Resistance Profiles in Carbapenemase-Producing Gram-Negative Rods—A Comparative Analysis between Screening and Pathological Isolates. *Antibiotics* 2024, 13, 687. <https://doi.org/10.3390/antibiotics13080687> IF:4.6, Q1
2. Vintilă C, Coșeriu RL, Mare AD, Ciurea CN, **Togănel R**, Simion A, Cighir A, Man A. Development of a Triplex Endpoint PCR Assay for the Detection of SARS-CoV-2: Insights on Cost-Efficiency and Method Design. *Microb Physiol.* 2024;34(1):264-278. Epub 2024 Oct 29. PMID: 39471794. <https://doi.org/10.1159/000542308> IF:2.9, Q4
3. Coșeriu, R.L.; Mare, A.D.; Toma, F.; Vintilă, C.; Ciurea, C.N.; **Togănel, R.O.**; Cighir, A.; Simion, A.; Man, A. Uncovering the Resistance Mechanisms in Extended-Drug-Resistant

*Pseudomonas aeruginosa* Clinical Isolates: Insights from Gene Expression and Phenotypic Tests. *Microorganisms* 2023, 11, 2211. <https://doi.org/10.3390/microorganisms1109221> IF:4.5, Q2

4. Cucoranu DC, Pop M, Niculescu R, Kosovski IB, **Toganel RO**, Licu RA, Bacărea A. The Association of Nonalcoholic Fatty Liver Disease With Neutrophil-to-Lymphocyte Ratio and Neutrophil-Percentage-to-Albumin Ratio. *Cureus*. 2023 Jun 30;15(6):e41197. doi: <https://doi.org/10.7759/cureus.41197>. PMID: 37525801; PMCID: PMC10387286. IF:1.2, Q2
5. 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, Q1
6. 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
7. 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

- **Articole publicate în extenso în reviste ISI fără FI sau BDI, coautor**

1. 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](https://doi.org/10.12865/CHSJ.49.02.244). Epub 2023 Jun 30. PMID: 37779834; PMCID: PMC10541065.