



CURRICULUM VITAE

Personal details:

Name, Surname: Ciurea Cristina Nicoleta

Academic Title: Lecturer

Department: Microbiology

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Areas of interest (maximum 5 domains):

1. Biofilms
2. Microbial interactions
3. Molecular mechanisms of antibiotic resistance
4. Compounds with antimicrobial activity
5. Clinical Microbiology

Research activity:

1. Research projects (maximum 3 projects)

- "Study of the biofilm-forming capacity of mono- and polymicrobial biofilms with *Candida* spp."
- "Evaluation of fluconazole resistance and pathogenicity of *Candida* strains and the influence of alternative therapies on antifungal resistance"
- "Obtaining high value-added bioproducts from the rhytidome of certain oak species and their functionalization."

2. Articles published in extenso (maximum 5 articles)

1. **Ciurea CN**, Kosovski IB, Mare AD, Toma F, Pinte-Simon IA, Man A. *Candida* and Candidiasis—Opportunism Versus Pathogenicity: A Review of the Virulence Traits. *Microorganisms*. 2020 Jun;8(6):857
<https://doi.org/10.3390/microorganisms8060857>
2. **Ciurea, Cristina Nicoleta**, Santini, Ario, Mare, Anca Delia, Kosovski, Irina Bianca, Toma, Felicia, Vintila, Camelia, Pinte-Simon, Ionela Anca and Man, Adrian. "Candida spp. in Lower Respiratory Tract Secretions – A Ten Years Retrospective Study" *The Journal of Critical Care Medicine*, vol.7, no.3, 2021, pp.217-226.
<https://doi.org/10.2478/jccm-2021-0016>
3. **Ciurea CN**, Kosovski IB, Toma F, Mareș M, Tudor B, Man A. Mediation of *Candida* species growth and virulence by the proinflammatory cytokine IL-6, *Acta Marisiensis – Seria Medica* 2021;67(4)
DOI:10.2478/amm-2021-0036
4. Codreanu SI, **Ciurea CN**. *Candida* spp. DNA Extraction in the Age of Molecular Diagnosis. *Microorganisms*. 23;11(4):818.
5. **Ciurea CN**, Mare AD, Mareș M, Toma F, Kosovski IB, Cighir A, Man A. The influence of farnesol and tyrosol on *Candida* spp. virulence traits. *Germs*. 2024 Dec 1;14(4)

