



# LEONTINA GRIGORE-GURGU

## Membru în proiect

## DOMENII DE INTERES

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Biotehnologie, Siguranță alimentară

## ARII DE EXPERTIZA

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Compuși biologic activi

Activitate antimicrobiană

Evidențiere proteine prin electroforeză SDS-PAGE

Probiotice, Paraprobiotice, Metabiotice

*Listeria monocytogenes* -biocontrol

Recombinare genetică

## 5 PUBLICATII RELEVANTE

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**Comprehensive Review on the Biocontrol of *Listeria monocytogenes* in Food Products**, FOODS, 2024 | JOURNAL-ARTICLE

DOI: [10.3390/FOODS13050734](https://doi.org/10.3390/FOODS13050734)

***Lactiplantibacillus plantarum* and *Lactiplantibacillus paraplantarum* postbiotics: Assessment of the biotic-derived metabolites with cytocompatibility and antitumoral potential**,

FOOD BIOSCIENCE, 2024 | Journal article

DOI: [10.1016/J.FBIO.2024.103863](https://doi.org/10.1016/J.FBIO.2024.103863)

**Selection of New *Lactobacilli* Strains with Potentially Probiotic Properties, 2023** | Journal article

THE ANNALS OF THE UNIVERSITY DUNAREA DE JOS OF GALATI, FASCICLE VI - FOOD TECHNOLOGY

<https://doi.org/10.35219/foodtechnology.2023.1.02>.

**Tailoring the health-promoting potential of protein hydrolysate derived from fish wastes and flavonoids from yellow onion skins: From binding mechanisms to microencapsulated functional ingredients**. BIOMOLECULES, 2020 | Journal article

DOI: [10.3390/biom10101416](https://doi.org/10.3390/biom10101416)

## AFILIERE

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Alimentelor

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## INFORMATII PERSONALE

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# PROIECT 9PCE/2025

**Resurse alternative  
sustenabile pentru inovare  
în industria alimentară prin  
dezvoltarea de noi  
ingrediente cu beneficii  
pentru sănătate**



**SAFIR**

*High-pressure processing-induced transcriptome response during recovery of *Listeria monocytogenes**, BMC Genomic, 2021 | Journal article  
DOI: [10.1186/s12864-021-07407-6](https://doi.org/10.1186/s12864-021-07407-6)

## Capitole cărți:

**BIOFILMS FORMED BY PATHOGENS IN FOOD AND FOOD PROCESSING ENVIRONMENTS.** In Sadik Dincer, Melis Sümengen Özdenefe and Afet Arkut (Eds): Bacterial Biofilm. InTechOpen.

**THE EFFECTS OF FATTY ACID DERIVATES FROM CORN AND COCONUT OILS ON MICROBIAL PHYSIOLOGY.** In Constantin Apetrei (Ed): Corn and Coconut Oil: Antioxidant Properties, Uses and Health Benefits. Nutrition and Diet Research Progress. Nova Science Publishers.

**BENEFICIAL EFFECTS OF FATTY ACIDS FROM COCONUT OIL ON HUMAN METABOLISM AND HEALTH.** In Constantin Apetrei (Ed): Corn and Coconut Oil: Antioxidant Properties, Uses and Health Benefits. Nutrition and Diet Research Progress. Nova Science Publishers.