

## LISTA de LUCRĂRI ȘTIINȚIFICE

Prof. univ. habilitat dr. Csutak Ortansa Elisabeta

**Teza de doctorat: Csutak O.**, 2002, “*Studiul taxonomic și genetic al unor tulpini de drojdii cu capacități xenodegradative*”, Universitatea din București.

### I. Cărți

#### I.1. Edituri internaționale

1. **Csutak O.E.**, Nicula N.-O., Lungulescu E.-M., Marinescu V.-E., Gifu I.C., Corbu V.M., 2025, *Candida parapsilosis CMGB-YT Biosurfactant for Treatment of Heavy Metal- and Microbial-Contaminated Wastewater*, in: State-of-the-art wastewater treatment techniques, Y. Yang, Y. Mei, F. Fan, S. Zhang, MDPI AG, Switzerland, pp. 155-175, ISBN 978-3-7258-5580-3.
2. **Csutak O.**, Corbu V.M., 2023, Chapter 17: *Bioremediation of oil-contaminated soil by yeast bioaugmentation*, in: Advances in yeast biotechnology for biofuels and sustainability. Value added products and environmental remediation applications, Eds: A. Daverey, K. Dutta, S. Joshi, T. Gea, Elsevier, pp. 395-448, ISBN: 978-0-323-95449-5.
3. Nicula N.-O., Lungulescu E.-M., Rimbu G.A., Marinescu V., Corbu V.M., **Csutak O.**, 2023, *Bioremediation of wastewater using yeast strains: an assessment of contaminant removal efficiency*, In: José Juan Flores - Martínez, editor. Prime Archives in Environmental Research: 2nd Edition. Hyderabad, India: Vide Leaf. 2023. ISBN: 978-93-92117-15-2.
4. Sarbu I., **Csutak O.**, 2019, Chapter 13. *The microbiology of cocoa fermentation*, in: Beverages. Vol 8: Caffeinated and cocoa based beverages, Eds: A.M. Holban, A.M. Grumezescu, Academic Press, Elsevier, pp. 423-447, ISBN: 978-0-12-815864-7.
5. **Csutak O.**, Sarbu I., 2018, Chapter 6: *Genetically modified microorganisms: Harmful or Helpful*, în: Genetically engineered foods. Handbook of Food Bioengineering. Volume 6:, Eds: A.M. Holban, A.M. Grumezescu, Academic Press, Elsevier, pp. 143-175. ISBN: 978-0-12-811519-0.

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2. **Csutak O.**, 2014, *Genetica și biodiversitatea drojdiilor cu aplicații biotehnologice*, Ed. Universității din București, p. 163, ISBN 978-606-16-0483-8.
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4. **Csutak O.**, 2007, *Genetica și taxonomia drojdiilor implicate în biotehnologia compușilor petrolieri*, Ed. Universității din București, p. 126, ISBN 978-973-737-370-0.
5. Vassu T., Stoica I., **Csutak O.**, Mușat F., 2001, *Genetica microorganismelor și inginerie genetică microbială. Note de curs și tehnici de laborator*, Ed. Petron, București, p. 256, ISBN 973-9470-24-6.

## II. Articole științifice publicate în reviste internaționale cotate Thomson ISI

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19. Corbu V.M., Gheorghe I. Marinas I.C., Geana E.I., Moza M.I., **Csutak O.**, Chifiriuc C.M., 2021, *Demonstration of Allium sativum extract inhibitory effect on the microbial growth, biofilm development, enzymatic and organic acids production of more than 200 biodete riogenic fungal and bacterial strains*, Molecules, 26, 7195 - 7216 (IF 4,411).
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32. Tanase A-M., Nicoara A., Vassu T., Chiciudean I., Ionescu R., **Csutak O.**, Stoica I., 2011, *Phenotypic and genotypic analysis on bacterial strains from a karathane polluted soil*, *Romanian Biotechnological Letters*, vol. 16 (1), 141-148. (IF 0,590)
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1. Fologea D., **Csutak O.**, Vassu T., Gherasim R., Stoica I., Sasarman E., Smarandache D., Nohit A.-M., Iftime O., 2023, *Field inversion gel electrophoresis of large DNA molecules extracted from a Saccharomyces cerevisiae strain*, *Studies in Science of Science*, 41 (8), 8-13.

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#### **IV. Articole științifice publicate în alte reviste de specialitate**

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