

BIBLIOGRAFIE ADMITERE DOCTORAT

1. Zarnea, G. 1983. *Tratat de microbiologie generala*. Vol I, Ed. Academiei
2. Madigan, M.T., Martinko, J.M., Bender, K.S., Buckley, D.H., Stahl, D.A., Brock, T. 2015. *Brock Biology of Microorganisms*, 14th Edition
3. Varma, A., Oelmuller, R. (Eds.). 2007. *Advanced techniques in soil microbiology*. Springer.
4. Zhang, G., Wei, L., Chang, C.C., Zhang, Y., Wei, D. 2016. *Molecular Biological Methods in Environmental Engineering*. *Water. Environ. Res.* 88:930-53. doi: 10.2175/106143016X14696400494371
5. Yoo, K., Lee, T.K., Choi, E.J., Yang, J., Shukla, S.K., Hwang, S.I., Park, J. 2017. *Molecular approaches for the detection and monitoring of microbial communities in bioaerosols: A review*. *J. Environ. Sci. (China)*. 51:234-247. doi: 10.1016/j.jes.2016.07.002
6. Dumorné K., Córdova D.C., Astorga-Eló M., Renganathan P. 2017. *Extremozymes: A Potential Source for Industrial Applications*. *J Microbiol Biotechnol.* 27(4):649-659. doi: 10.4014/jmb.1611.11006.
7. Sedlar, K., Kupkova, K., Provaznik, I. 2016. *Bioinformatics strategies for taxonomy independent binning and visualization of sequences in shotgun metagenomics*.
8. *Comput. Struct. Biotechnol. J.* 15:48-55. eCollection 2017
9. Sánchez, O. 2017. *Constructed Wetlands Revisited: Microbial Diversity in the -omics Era*. *Microb. Ecol.* 73:722-733. doi: 10.1007/s00248-016-0881-y
10. Imhoff, J.F. 2016. *New Dimensions in Microbial Ecology-Functional Genes in Studies to Unravel the Biodiversity and Role of Functional Microbial Groups in the Environment*. *Microorganisms*. 4(2). pii: E19. doi: 10.3390/microorganisms4020019
11. Rashid, M., Stingl, U. 2015. *Contemporary molecular tools in microbial ecology and their application to advancing biotechnology*. *Biotechnol. Adv.* 33(8):1755-73. doi:10.1016/j.biotechadv.2015.09.005
12. Fakruddin, M., Mannan, K.S.B. 2013. *Methods for Analyzing Diversity of Microbial Communities in Natural Environments*. *Ceylon J. Sci. (Biol. Sci.)*. 42(1). <http://doi.org/10.4038/cjsbs.v42i1.5896>
13. Theron, J., Cloete, T.E. 2000. *Molecular Techniques for Determining Microbial Diversity and Community Structure in Natural Environments*. *Crit. Rev. Microbiol.* 26(1):37-57. doi: 10.1080/10408410091154174

17.06.2022

Dr. Cristina Purcarea
Cercetator Stiintific Gradul I
Departamentul de Microbiologie
Institutul de Biologie al Academiei Române