

MOBILTOX-2

Etapa 2/2022

Articole (2)

1. Menabit S, Iancu L, Pavel AB, Popa A, Lupascu N, Purcarea C (2022) Molecular identification and distribution of insect larvae in the Lower Sector of the Danube River. *Oceanological and Hydrobiological Studies*, 51(1) 74-89.
<https://doi.org/10.26881/oahs.2022.1.07> (Q4)
2. Bioprospecting for novel bacterial sources of hydrolytic enzymes in the Black Sea. Ruginescu R, Lavin P, Iancu L, Menabit S, Purcarea C. *Microorganisms*. *in evaluare* (Q2)

Conferințe (7)

1. **13th International Congress on Extremophiles**. Loutraki, Grecia, 18-22 septembrie 2022.
Ruginescu R, Iancu L, Vasilescu A, Purcarea C. *Diversity and hydrolytic potential of marine bacteria from the Black Sea*. [Poster](#)
2. **International Symposium BIODYNAMICS - A TRANSDISCIPLINARY APPROACH "The tale of cellular dynamics, from observation to application via knowledge"**. Bucuresti, 19-21 mai 2022
Banciu RA, Vasilescu A, Gaspar S, Ruginescu R, Purcarea C. *Thylakoids from cyanobacteria Synechococcus PCC 7942: AFM characterization and the effect of diuron on photosynthesis*. [Poster](#)
3. **Conferinta de Microbiologie "G. Zarnea"**. Bucuresti, 29 septembrie 2022.
Ruginescu R, Iancu L, Menabit S, Lavin P, Vasilescu A, Purcarea C. *Investigarea diversității și proprietăților funcționale ale comunităților bacteriene din zona litorală a Mării Negre*. [Prezentare orală](#).
4. **International Workshop "Enzyme biosensors: catalytic activity, inhibition and beyond"**. Bucuresti, 25 octombrie 2022
Ruginescu R, Lavin P, Iancu L, Menabit S, Vasilescu A, Purcarea C. *Screening and characterization of new marine bacteria for sea water pollution monitoring*. [Prezentare orală](#).
5. **International Workshop "Challenges of the 21st Century: Assessments, Approaches, Perspectives"**. Moeciu, Romania, 4-6 noiembrie 2022
Ruginescu R, Iancu L, Menabit S, Lavin P, Vasilescu A, Purcarea C. *Exploring the taxonomic diversity and physiological properties of bacterial communities in the littoral zone of the Black Sea*. [Poster](#)

6. **New Trends on Sensing- Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2022.** Braşov, Romania, 8-10 septembrie 2022
Ruginescu R., Vasilescu A., Banciu R.M., Gaspar S., Purcarea C. From whole cyanobacterial cells of *Synechococcus elongatus* PCC 7942 to PSII: the effect of diuron on photosynthesis. [Poster](#)
7. **5th International Conference on Microbial Biotechnology.** Chisinau, Republica Moldova, 12-13 octombrie 2022
Ruginescu R., Gomoiu I., Neagu S., Cojoc R., Lucaci I., Batrinescu-Moteau C., Enache M. Bioprospecting for novel bacterial sources of salt-tolerant enzymes with biotechnological applications. [Prezentare orală](#).

Produse (2)

1. Tulpină de microalgă *Coccomyxa subellipsoidea* izolată din gheața de pesteră din Ghețarul Scărișoara
2. Secvențe Illumina 16S ARNr bacterian depuse în GenBank (BioProject PRJNA875633)

Întâlniri de lucru ale consorțiului (4) – 07.04.2022, 28.09.2022, 27.10.2022, 19.11.2022