

PUBLICATIONS:

1. Wang, M., **Yergaliyev, T.**, Sun, C., Martinez, J.G., Wang, B., Environmental DNA metabarcoding of intertidal meiofauna sheds light on its potential for habitat discovery, *Ecological Indicators*, 150 (2023), 110223. <https://doi.org/10.1016/j.ecolind.2023.110223>.
2. Künzel, Susanne*, **Timur Yergaliyev***, Katharina J. Wild, Hanna Philippi, Asta H. Petursdottir, Helga Gunnlaugsdottir, Chris Reynolds, David Humphries, Amélia Camarinha-Silva, and Markus Rodehutschord. "Methane reduction potential of brown seaweeds and their influence on nutrient degradation and microbiota composition in a rumen simulation technique." *Frontiers in Microbiology* (2022). <https://doi.org/10.3389/fmicb.2022.889618>
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3. Szitenberg, A., Beca-Carretero, P., Azcárate-García, T., **Yergaliyev T.** et al. Teasing apart the host-related, nutrient-related and temperature-related effects shaping the phenology and microbiome of the tropical seagrass *Halophila stipulacea*. *Environmental Microbiome* 17, 18 (2022). <https://doi.org/10.1186/s40793-022-00412-6>.
4. **Yergaliyev, T. M.**, R. Alexander-Shani, H. Dimerets, S. Pivonia, D. M. Bird, S. Rachmilevitch, and A. Szitenberg, 2020, Bacterial Community Structure Dynamics in *Meloidogyne incognita*-Infected Roots and Its Role in Worm-Microbiome Interactions.: *mSphere*, v. 5, no. 4. <https://doi.org/10.1128/mSphere.00306-20>.
5. Yaron Krotman*, **Timur M. Yergaliyev***, Rivka Alexander Shani, Yosef Avrahami, Amir Szitenberg. "Dissecting the factors shaping fish skin microbiomes in a heterogeneous inland water system", 2020, *Microbiome*, Vol. 8. <https://doi.org/10.1186/s40168-020-0784-5>.
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6. Xue, Q., Bik, H., **Yergaliyev, T. M.**, Gu, J., Fonderie, P., Brown-Miyara, S., ... & Bert, W. (2019). Widespread prevalence but contrasting patterns of intragenomic rRNA polymorphisms in nematodes: Implications for phylogeny, species delimitation, and life history inference. *Molecular ecology resources*, <https://doi.org/10.1111/1755-0998.13118>.
7. Zhaniya Batyrshina, **Timur M. Yergaliyev**, Zhadyrassyn Nurbekova, Nazira A. Moldakimova, Zhaksylyk K. Masalimov, Moshe Sagi, Rustem T. Omarov. Differential influence of molybdenum and tungsten on the growth of barley seedlings and the activity of aldehyde oxidase under salinity. *Journal of Plant Physiology*, vol. 228, 2018. Pages 189-196, ISSN 0176-1617, <https://doi.org/10.1016/j.jplph.2018.06.009>.
8. Sutula M.Y., Akbassova A.Z., **Yergaliyev T. M.**, Nurbekova Z.A., Mukiyanova G.S., Omarov R.T. Endowing plants with tolerance to virus infection by their preliminary treatment with short interfering RNAs. *Russian Journal of Plant Physiology*. - 2017. - Vol. 64, № 6. - P. 940–947, <https://doi.org/10.1134/S1021443717060103>.
9. **Timur M. Yergaliyev**, Zhadyrassyn Nurbekova, Gulzhamal Mukiyanova, Alua Akbassova, Maxim Sutula, Sayan Zhangazin, Assyl Bari, Zhanerke Tleukulova, Malika Shamekova, Zhaksylyk K. Masalimov, Rustem T. Omarov. The involvement of ROS producing aldehyde oxidase in plant response to Tombusvirus infection. *Plant Physiology and Biochemistry*, 2016, V.109, P.36-44, <https://doi.org/10.1016/j.plaphy.2016.09.001>.