

## Список публикаций сотрудников ТИБОХ ДВО РАН в 2025 г.

### Научные статьи в журналах

1. **Borkunov G. V., Kirichuk N. N., Chausova V. E., Popov R. S., Zhuravleva O. I., Chingizova E. A., Yurchenko E. A., Isaeva M. P., Yurchenko A. N.** Differences in metabolite profiles and bioactivities of intra-strain variants of marine fungus *Penicillium antarcticum* KMM 4668. – DOI <https://doi.org/10.3390/metabo15020077> // *Metabolites*. – 2025. – Vol. 15, N 2. – Art. 77[1–19]. – Bibliogr.: 53 ref. – URL: <https://www.mdpi.com/2218-1989/15/2/77/>. – Published: 27.01.2025.
2. **Chingizova E. A., Yurchenko E. A., Starnovskaya S. S., Chingizov A. R., Kuzmich A. S., Pislyagin E. A., Vasilchenko A. S., Poshvina D. V., Shilovsky G. A., Dibrova D. V., Aminin D. L., Yurchenko A. N.** Flavuside B exhibits antioxidant and anti-inflammatory properties in *Staphylococcus aureus* infected skin wound and affect the expression of genes controlling bacterial quorum sensing. – DOI <https://doi.org/10.1093/jambio/lxae318> // *Journal of Applied Microbiology*. – 2025. – Vol. 136, N 1. Art. lxae318. – Bibliogr.: 60 ref. – URL: <https://academic.oup.com/jambio/article-abstract/136/1/lxae-318/7941875/>. – Published: 02.01.2025.
3. **Kokoulin M. S., Kuzmich A. S., Filshstein A. P., Prassolov V. S., Romanenko L. A.** Capsular polysaccharide from the marine bacterium *Cobetia marina* induces apoptosis via both caspase-dependent and mitochondria-mediated pathways in HL-60 cells. – DOI 10.1016/j.carbpol.2024.122791 // *Carbohydrate Polymers*. – 2025. – Vol. 347. – Art. 122791. – Bibliogr.: 55 ref. – Published: 01.01.2025. – URL: <https://www.sciencedirect.com/science/article/pii/S0144861724010178/>. **Scopus**
4. **Kokoulin M. S., Savicheva Y. V., Filshstein A. P., Romanenko L. A., Isaeva M. P.** Structure of a sulfated capsular polysaccharide from the marine bacterium *Cobetia marina* KMM 1449 and a genomic insight into its biosynthesis. – DOI <https://doi.org/10.3390/md23010029> // *Marine Drugs*. – 2025. – Vol. 23, N 1. – Art. 29[1–16]. – URL <https://www.mdpi.com/1660-3397/23/1/29>. – Published: 08.01.2025.
5. **Kravchenko A., Krylova N., Iunikhina O., Anastyuk S., Isakov V., Glazunov V., Volod'ko A., Kitan' S., Shchelkanov M., Yermak I.** Structure and properties of polysaccharides from tetrasporophytes of *Mazzaella parksii*. – DOI <https://doi.org/10.1016/j.ijbiomac.2025.140178> // *International Journal of Biological Macromolecules*. – 2025. – Vol. 300. – Art. 140178. – Bibliogr.: 66 ref. – URL <https://www.sciencedirect.com/science/article/abs/pii/S0141813025007275/>. – Published: 00.04.2025.
6. **Kvetkina A. N., Klimovich A. A., Deriavko Y. V., Pislyagin E. A., Menchinskaya E. S., Bystritskaya E. P., Isaeva M. P., Lyukmanova E. N., Shenkarev Z. O., Aminin D. L., Leychenko E. V.** Sea anemone Kunitz peptide HClQ2c1 reduces histamine-, lipopolysaccharide-, and carrageenan-induced inflammation via the suppression of pro-inflammatory mediators. – DOI 10.3390/ijms26010431 // *International Journal of Molecular Sciences*. – 2025. – Vol. 26, N 1. – Art. 431[1–16]. – Bibliogr.: 70 ref. – URL: <https://www.mdpi.com/1422-0067/26/1/431/>. – Published: 06.01.2025.
7. **Lee Su-J., Kim E., Jeong Y., Youm J. B., Kim H. K., Han J., Vasileva E. A., Mishchenko N. P., Fedoreyev S. A., Stonik V. A., Kim S. J., Lee H.-A.** Evaluation of the cardiotoxicity of echinochrome A using human induced pluripotent stem cell-derived cardiac organoids DOI 10.1016/j.ecoenv.2024.117489 // *Ecotoxicology and Environmental Safety*– 2025. – Vol. 289. – Art. 117489[1–12]. – Bibliogr.: 75 ref. – URL: <https://www.sciencedirect.com/science/article/pii/S0147651324015653/>. – Published: 01.01.2025.
8. **Ngoc N. T. D., Yurchenko E. A., Trinh Ph. T. H., Menchinskaya E. S., Dieu T. Vo T., Savagina A. D., Minin A., Thinh P. D., Khanh H. H. N., Van T. Thi Th., Yurchenko A. N.** Secondary metabolites of Vietnamese marine fungus *Penicillium chermesinum* 2104NT-1.3 and their cardioprotective activity. – DOI <https://doi.org/10.1016/j.rsma.2024.104003> // *Regional Studies in Marine Science*. – 2025. – Vol. 81. – Art. 104003. – Bibliogr.: 69 ref. – URL: <https://www.sciencedirect.com/science/article/pii/S2352-485524006364/>. – Published: 00.01.2025.
9. **Noskova Y., Nedashkovskaya O., Balabanova L.** Production, purification, and biochemical characterization of a novel ATP-dependent caseinolytic protease from the marine bacterium *Cobetia amphilecti* KMM 296. – <https://doi.org/10.3390/microorganisms13020307> // *Microorganisms*. – 2025. – Vol. 13, N 2. P. 307[1–20]. – Bibliogr.: 57 ref. – URL <https://www.mdpi.com/2076-2607/13/2/307>. – Published: 30.01.2025.

## Обзорная статья в журнале

1. **Stonik V. A., Makarieva T. N., Shubina L. K., Guzii A. G., Ivanchina N. V.** Structure diversity and properties of some bola-like natural products. – DOI 10.3390/md23010003 // *Marine Drugs*. – 2025. – Vol. 23, N 1. Art. 3[1–37]. – Bibliogr.: 135 ref. – URL: <https://www.mdpi.com/1660-3397/23/1/3>. – Published: 24.12.2024.

## В печати

1. **Borisova K. L., Pelageev D. N., Anufriev V. Ph.** Lewis acids in the synthesis of naphthoquinonylbenzo[g]chromenediones, derivatives of mesocentroquinone, a metabolite of the sea urchins *Mesocentrotus nudus* and *Strongylocentrotus intermedius* // *Russian Chemical Bulletin*. – 2024. – Vol. 73, N 12. – Bibliogr.: 10 ref.
2. **Pelageev D. N., Kovach S. M., Balaneva N. N., Sabutski Yu. E., Borisova K. L., Menchinskaya E., Chingizova E. A., Chingizov A. R., Burylova A. L., Slabko O. Yu., Drozdov K., Anufriev V. Ph.** Synthesis and biological activity of thiazole–carbohydrate conjugates based on thiocarpine, an analogue of the cytotoxic alkaloid from the ascidian *Polycarpa aurata*. – DOI 10.71267/mencom.7522 // 2025. *Mendeleev Communications*. – Vol. 35, N 1. P. – 66–68. – Bibliogr.: 22 ref.
3. **Naberezhnykh G., Yuferova A., Bakholdina S., Solov'eva T.** Biochemical characterization and antibacterial activity of lipopolysaccharide binding proteins of the jellyfish *Aurelia aurita* and *Rhopilema asamushi* // *Fish and Shellfish Immunology*. – 2024. – P. [1–23]. – Bibliogr.: 30 ref. – URL: <https://papers.ssrn.com/sol3/papers.cfm/>.