

Основные публикации

1. Lobov Arseniy, Maltseva Arina, Starunov Viktor, Babkina Irina, Ivanov Vadim, Mikhailova Natalia, Granovitch Andrey. 2018. LOSP: a putative marker of parasperm lineage in male reproductive system of the prosobranch mollusk *Littorina obtusata*. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution. V.330. P.193 – 201. DOI: 10.1002/jez.b.22803
2. Demin S. Iu., V.N. Stefanova, A.I. Granovitch, N.A. Mikhailova. 2019. Spermatogenesis and lobular cyst type of testes organization in marine gastropod *Littorina saxatilis* (Olivi 1792). Cell and Tissue Research. 376:457–470, 2019. doi.org/10.1007/s00441-019-03004-y
3. Morgunova, I. P., Petrova, V. I., Litvinenko, I. V., Kursheva, A. V., Batova, G. I., Renaud, P. E. & Granovitch, A. I. 2019. Hydrocarbon molecular markers in the Holocene bottom sediments of the Barents Sea as indicators of natural and anthropogenic impacts. Marine Pollution Bulletin. 149, 110587. <https://doi.org/10.1016/j.marpolbul.2019.110587>
4. A. A. Lobov, A. L. Maltseva, N. A. Mikhailova, A. I. Granovitch. 2019. The Molecular Mechanisms of Gametic Incompatibility in Invertebrates. Acta Natura. VOL. 11 № 3 (42). P.71-82. DOI: 10.32607/20758251-2019-11-3-4-15
5. Nekliudova, U. A., Shunkina, K. V., Grishankov, A. V., Varfolomeeva, M. A., Granovitch, A. I. & Ostrovsky, A. N. Corrigendum: Colonies as dynamic systems: Reconstructing the life history of *Cribilina annulata* (Bryozoa) on two algal substrates (Journal of Physical Chemistry (2019) DOI: 10.1017/S0025315419000286), 28 June 2019, Journal of the Marine Biological Association of the United Kingdom.
6. Nesterenko, M. A., Starunov, V. V., Schenkov, S.V., Maslova, A. R., Denisova, S. A., Granovitch A.I., Dobrovolskij, A. A. & Khalturin, K. V. Molecular signatures of the rediae, cercariae and adult stages in the complex life cycles of parasitic flatworms (Digenea Psilostomatidae), 10 ноя 2020, Parasites and Vectors. 13, 1, стр. 1-21.
7. Repkin, E. A., Maltseva, A. L., Varfolomeeva, M. A., Aianka, R. V., Mikhailova, N. A. & Granovitch, A. I. Genetic and morphological variation of metacercariae of *Microphallus piriformes* (Trematoda, Microphallidae): effects of paraxenia and geographic location, апр 2020, International Journal for Parasitology: Parasites and Wildlife. 11, 235-245.
8. Maltseva, A. L., Varfolomeeva, M. A., Lobov, A. A., Tikanova, P., Panova, M., Mikhailova, N. A. & Granovitch, A. I. Proteomic similarity of the Littorinid snails in the evolutionary context, 13 feb 2020, PeerJ. 28 p., 8546.
9. Demin, S. I., Bogolyubov, D. S., Granovitch, A. I. & Mikhailova, N. A. New data on spermatogenic cyst formation and cellular composition of the testis in a marine gastropod, *Littorina saxatilis*. 1 June 2020.

International Journal of Molecular Sciences. 21, 11, 3792. DOI: 10.3390/ijms21113792

**10.** Arina L. Maltseva, Marina A. Varfolomeeva, Arseniy A. Lobov, Polina O. Tikanova, Egor A. Repkin, Irina Y. Babkina, Marina Panova, Natalia A. Mikhailova & Andrei I. Granovitch. Premating barriers in young sympatric snail species. *Scientific Reports* | (2021) 11:5720 | <https://doi.org/10.1038/s41598-021-84407>

**11.** Lobov Arseniy A., Irina Y. Babkina 1, Lavrentii G. Danilov, Alexey E. Masharskiy, Alexander V. Predeus, Natalia A. Mikhailova, Andrei I. Granovitch and Arina L. Maltseva. 2021. Species-Specific Proteins in the Oviducts of Snail Sibling Species: Proteotranscriptomic Study of *Littorina fabalis* and *L. obtusata*. *MDPI Biology* 2021, 10, 1087. <https://doi.org/10.3390/biology10111087>

**12.** A. I. Granovitch. Natural Selection, Morphoprocess and a Logical Field of Evolutionary Concepts In: R. G. Delisle (ed.), *Natural Selection, Evolutionary Biology – New Perspectives on Its Development*. Springer Nature Switzerland AG 2021, Chapter 13, pp. 391-418, [https://doi.org/10.1007/978-3-030-65536-5\\_13](https://doi.org/10.1007/978-3-030-65536-5_13)

**13.** Maltseva, A. L., Varfolomeeva, M. A., Ayanka, R. V., Gafarova, E. R., Repkin, E. A., Pavlova, P. A., Shavarda, A. L., Mikhailova, N. A. & Granovitch, A. I. Linking ecology, morphology, and metabolism: Niche differentiation in sympatric populations of closely related species of the genus *Littorina* (*Neritrema*). , Aug 2021, *Ecology and Evolution*. 11, 16 p. 11134-11154 21 pp. <https://doi.org/10.1002/ece3.7901>

**14.** Maltseva, A. L., Varfolomeeva, M. A., Gafarova, E. R., Panova, M. A., Mikhailova, N. A., & Granovitch, A. I. (2021). Divergence together with microbes: A comparative study of the associated microbiomes in the closely related *Littorina* species. *PloS one*, 16(12), e0260792. <https://doi.org/10.1371/journal.pone.0260792>

**15.** Maltseva A.L., Lobov A.A., Pavlova P.A., Panova M., Gafarova E.R., Marques J.P., Danilov L.G., Granovitch A.I. 2021. Orphan gene in *Littorina*: an unexpected role of symbionts in the host evolution. *Gene* 824 (2022) 146389 <https://doi.org/10.1016/j.gene.2022.146389>