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1. Mizgina T.O., Chikalovets I.V., Molchanova V.I., **Chernikov O.V.**, Ziganshin R.H. Identification and characterization of a novel lectin from the clam *Glycymeris yessoensis* and its functional characterization under microbial stimulation and environmental stress // *Marine Drugs*. 2021. Vol. 19, № 9. Article No. 474.
2. Wu C.-H., Cheng S.-M., Yang S.-P., Lin C.-H., Gan C.H., Lam Y., Li L.-H., Hua K.-F., Chang J.-C., Chen S.-T., Menon M.P., Ho C.-L., **Chernikov O.V.** A synthetic small molecule F240B decreases NLRP3 inflammasome activation by autophagy induction // *Frontiers in Immunology*. 2021. Vol. 11. Article No. 607564.
3. Mizgina T.O., Chikalovets I.V., Molchanova V.I., Kokoulin M.S., Filshtein A.P., Sidorin E.V., **Chernikov O.V.** Lectin of the bivalve *Glycymeris yessoensis* as a pattern recognition receptor // *Russian Journal of Bioorganic Chemistry*. 2020. Vol. 46, № 6. P. 1187–1197.
4. Chikalovets I., Filshtein A., Molchanova V., Mizgina T., Lukyanov P., Nedashkovskaya O., **Chernikov O.**, Hua K.-F. Activity dependence of a novel lectin family on structure and carbohydrate-binding properties // *Molecules*. 2020. Vol. 25, № 1. Article No. 150.
5. Kokoulin M.S., Kuzmich A.S., Romanenko L.A., Chikalovets I.V., **Chernikov O.V.** Structure and in vitro bioactivity against cancer cells of the capsular polysaccharide from the marine bacterium *Psychrobacter marincola* // *Marine Drugs*. 2020. Vol. 18, № 5. Article No. 268.
6. Hsieh C.-Y., Rao Y.K., Chiu H.-W., Wong W.-T., Hua K.-F., Li L.-H., Lam Y., Fang Z., Gan C.H., Ju T.-C., Chen F.-H., **Chernikov O.V.**, Liu M.-L., Hsu C.-H. Synthetic 4-hydroxy auxarconjugatin B, a novel autophagy inducer, attenuates gouty inflammation by inhibiting the NLRP3 inflammasome // *Cells*. 2020. Vol. 9, № 2. Article No. 279.
7. Golotin V.A., Filshtein A.P., Chikalovets I.V., Yu K.N., Molchanova V.I., **Chernikov O.V.** Expression and purification of a new lectin from mussel *Mytilus trossulus* // *Protein Expression and Purification*. 2019. Vol. 154. P. 62–65.
8. Li L.H., Lin J.S., Chiu H.W., Lin W.Yu., Ju Tz.Ch., Chen F.H., **Chernikov O.V.**, Liu M.L., Chang J.Ch., Hsu Ch.H., Chen A., Ka Sh.M., Gao H.W., Hua K.F. Mechanistic insight into the activation of the NLRP3 inflammasome by *Neisseria gonorrhoeae* in macrophages // *Frontiers in Immunology*. 2019. Vol. 10. Article No. 1815.
9. Kalina R., Gladkikh I., Dmitrenok P., **Chernikov O.**, Kvetkina A., Kozlovskaya E., Monastyrnaya M., Koshelev S., Kozlov S. New APETx-like peptides from sea anemone *Heteractis crispa* modulate ASIC1a channels // *Peptides*. 2018. Vol. 104. P. 41–49.