

Сведения о ведущей организации

Полное наименование организации (сокращенное)	Федеральное государственное бюджетное учреждение науки Институт химической биологии и фундаментальной медицины им. Д.Г. Кнорре Сибирского отделения Российской академии наук
Почтовый адрес, телефон, адрес электронной почты, адрес сайта (при наличии)	Российская федерация. 630090, г. Новосибирск, пр. Академика Лаврентьева, 8 Тел.: +7 (383) 330-88-50. E-mail: niboch@1bio.ru Адрес сайта: http://www.niboch.nsc.ru/

Список публикаций работников по теме диссертации в рецензируемых научных изданиях за последние 5 лет (не более 15 публикаций)

1. Markov A.V., Moralev A.D., Odarenko K.V. Sesquiterpene Lactones as Promising Anti-Glioblastoma Drug Candidates Exerting Complex Effects on Glioblastoma Cell Viability and Proneural–Mesenchymal Transition // *Biomedicines*. 2025. V. 13, P. 133. doi:10.3390/biomedicines13010133.
2. Erst A.S., Petrova N.V., Chernonosov A.A., Kaidash O.A., Sheikin V.V., Leonova T.V., Shaldaeva T.M., Gusar A.S., Koval V.V., Udut E.V., Xiang K., Ling Yu.Yu., Wang W., Kostikova V.A. Progress in the Study of Chemical Constituents of *Actaea cimicifuga* and *Actaea erythrocarpa* and Their Biological Potential // *Int. J. Mol. Sci.* 2025. V. 26, N 10. Art. 4768. doi:10.3390/ijms26104768.
3. Moralev A.D., Zenkova M.A., Markov A.V. Complex inhibitory activity of pentacyclic triterpenoids against cutaneous melanoma in vitro and in vivo: a literature review and reconstruction of their melanoma-related protein interactome // *ACS Pharmacol. Transl. Sci.* 2024. V. 7, N 11, P. 3358–3384. doi: 10.1021/acsptsci.4c00422.
4. Tolmacheva I.A., Eroshenko D.A., Chernyshova I.A., Nazarov M.A., Lavrik O.I., Grishko V.V. Synthesis of furanotriterpenoids from betulin and evaluation of tyrosyl-DNA phosphodiesterase 1 (Tdp1) inhibitory properties of new semi-synthetic triterpenoids // *Eur. J. Med. Chem.* 2024. V. 276, P. 116724. doi: 10.1016/j.ejmech.2024.116724.
5. Kostikova V.A., Petrova N.V., Chernonosov A.A., Koval V.V., Kovaleva E.R., Erst A.S. Chemical composition of methanol extracts from leaves and flowers of *Anemonopsis macrophylla* (Ranunculaceae) // *Int. J. Mol. Sci.* 2024. V. 25, P. 989. doi: 10.3390/ijms25020989.
6. Kornienko T.E., Chepanova A.A., Zakharenko A.L., Filimonov A., Luzina O.A., Dyrkheeva N.S., Nikolin V.P., Popova N.A., Salakhutdinov N.F., Lavrik O.I. Enhancement of the antitumor and antimetastatic effect of topotecan and normalization of blood counts in mice with Lewis carcinoma by Tdp1 inhibitors—new usnic acid derivatives // *Int. J. Mol. Sci.* 2024. V. 25, N 2, P. 1210. doi: 10.3390/ijms25021210.
7. Salomatina O.V., Kornienko T.E., Zakharenko A.L., Komarova N.I., Achara C., Reynisson J., Salakhutdinov N.F., Lavrik O.I., Volcho K.P. New dual inhibitors of tyrosyl-DNA phosphodiesterase 1 and 2 based on deoxycholic acid: design, synthesis, cytotoxicity, and molecular modeling // *Molecules*. 2024. V. 29, N 3, P. 581. doi: 10.3390/molecules29030581.
8. Chernikov I.V., Ponomareva U.A., Meschaninova M.I., Bachkova I.K., Vlassov V.V., Zenkova M.A., Chernolovskaya E.L. Cholesterol conjugates of small interfering RNA: linkers and patterns of modification // *Molecules*. 2024. V. 29, N 4, P. 786. doi: 10.3390/molecules29040786.

9. Moralev A.D., Salomatina O.V., Chernikov I.V., Salakhutdinov N.F., Zenkova M.A., Markov A.V. A Novel 3-meta-Pyridine-1,2,4-oxadiazole Derivative of Glycyrrhetic Acid as a Safe and Promising Candidate for Overcoming P-Glycoprotein-Mediated Multidrug Resistance in Tumor Cells // ACS Omega. 2023. V. 8, N 51. P. 48813–48824. doi:10.1021/acsomega.3c06202.
10. Salomatina O.V., Sen'kova A.V., Moralev A.D., Savin I.A., Zenkova M.A., Markov A.V., Komarova N.I., Salakhutdinov N.F. Novel Epoxides of Soloxolone Methyl: An Effect of the Formation of Oxirane Ring and Stereoisomerism on Cytotoxic Profile, Anti-Metastatic and Anti-Inflammatory Activities In Vitro and In Vivo // Int. J. Mol. Sci. 2022. V. 23, N 11. Art. 6214. doi:10.3390/ijms23116214.
11. Erst A.S., Kostikova V.A., Chernonosov A.A., Petrova N.V., Kulikovskiy M.S., Maltseva S.Y., Wang W. Investigation of chemical constituents of *eranthis longistipitata* (Ranunculaceae): Coumarins and furochromones // Int. J. Mol. Sci. 2022. V. 23, N 1. Art. 406. doi:10.3390/ijms23010406.