

**Избранные публикации официального оппонента
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Московского государственного университета имени М.В. Ломоносова
по тематике защищаемой диссертации**

1. **Sedenkova, K. N.** Novel AMPA receptor allosteric modulators of bis(pyrimidine) series: synthesis and SAR evaluation / **Sedenkova, K. N.**, Kositov, S. V., Zverev, D. V., Radchenko, E. V., Grishin, Y. K., Gabrel'yan, A. V., Zamoyski, V. L., Grigoriev, V. V., Averina, E. B., Palyulin, V. A. // *Mendeleev Commun.* – 2024. – Vol. 34. - №1. – P. 8-10.
2. **Sedenkova, K. N.** 3-[N,N-Bis(sulfonyl)amino]isoxazolines with Spiro-Annulated or 1,2-Annulated Cyclooctane Rings Inhibit Reproduction of Tick-Borne Encephalitis, Yellow Fever, and West Nile Viruses / **Sedenkova, K. N.**, Sazonov, A. S., Vasilenko, D. A., Andriasov, K. S., Eremenko, M. G., Grishin, Y. K., Goryashchenko, A. S., Uvarova, V. I., Osolodkin, D. I., Ishmukhametov, A. A., Averina, E. B. // *Int. J. Mol. Sci.* – 2023. – Vol. 24. - №13. – P. 10758.
3. **Sedenkova, K. N.** Novel Nanomolar Allosteric Modulators of AMPA Receptor of Bis(pyrimidine) Series: Synthesis, Biotesting and SAR Analysis / **Sedenkova, K. N.**, Zverev, D. V., Nazarova, A. A., Lavrov, M. I., Radchenko, E. V., Grishin, Y. K., Gabrel'yan, A. V., Zamoyski, V. L., Grigoriev, V. V., Averina, E. B., Palyulin V. A. // *Molecules.* – 2022. – Vol. 27. - №23. – P. 8252.
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5. Nazarova, A. A. Bivalent AMPA receptor positive allosteric modulators of the bis(pyrimidine) series / Nazarova, A. A., **Sedenkova, K. N.**, Karlov, D. S., Lavrov, M. I., Grishin, Y. K., Kuznetsova, T. S., Zamoyski, V. L., Grigoriev, V. V., Averina, E. B., Palyulin, V. A. // *MedChemComm.* – 2019. – Vol. 10. – P. 1615-1619.
6. Volkova, Y. A. Unexpected Heterocyclization of Electrophilic Alkenes by Tetranitromethane in the Presence of Triethylamine. Synthesis of 5-

- Nitroisoxazoles / Volkova, Y. A., Averina, E. B., Vasilenko, D. A., **Sedenkova, K. N.**, Grishin, Y. K., Bruheim, P., Kuznetsova, T. S., Zefirov, N. S. // *J. Org. Chem.* – 2019. – Vol. 84. - №6. – P. 3194-3200.
7. **Sedenkova, K. N.** Direct Oxidation of Cyclopropanated Cyclooctanes as a Synthetic Approach to Polycyclic Cyclopropyl Ketones / **Sedenkova, K. N.**, Andriasov, K. S., Stepanova, S. A., Gloriov, I. P., Grishin, Y. K., Kuznetsova, T. S., Averina, E. B. // *Eur. J. Org. Chem.* – 2018. – Vol. 7. – P. 879-884.
 8. **Nazarova, A.A.** 4-Azidotetrahydroquinazoline derivatives in CuAAC reaction / Nazarova, A. A., **Sedenkova, K. N.**, Vasilenko, D. A., Grishin, Y. K., Kuznetsova, T. S., Averina, E. B. // *Mendeleev Commun.* – 2020. – Vol. 30. – P. 714-716.
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 10. **Sedenkova, K. N.** A facile metal-free approach to N,N'-bis(1-oxidopyrimidin-4-yl)diamines with promising biological activity / **Sedenkova, K. N.**, Vazarova, A. A., Khvatov, E. V., Dueva, E. V., Orlov, A. A., Osolodkin, D. I., Grishin, Y. K., Kuznetsova, T. S., Palyulin, V. A., Averina, E. B. // *Mendeleev Commun.* – 2018. – Vol. 28. - №6. – P. 592-594.
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