

Избранные публикации официального оппонента д.х.н., профессора **Милаевой Елены Рудольфовны** по тематике защищаемой диссертации.

- (1) Nosova, Y. N.; Karlov, D. S.; Pisarev, S. A.; Shutkov, I. A.; Palyulin, V. A.; Baquié, M.; Milaeva, E. R.; Dyson, P. J.; Nazarov, A. A. New Highly Cytotoxic Organic and Organometallic Bexarotene Derivatives. *J. Organomet. Chem.* **2017**, 839, 91–97. <https://doi.org/10.1016/j.jorgancchem.2017.03.031>.
- (2) Sedenkova, K. N.; Kolodyazhnaya, J. V.; Vasilenko, D. A.; Gracheva, Y. A.; Kharitonoshvili, E. V.; Grishin, Y. K.; Chistov, A. A.; Rybakov, V. B.; Holt, T.; Kutateladze, A. G.; et al. Novel π -Conjugated Systems Based on Pyrimidine N-Oxide. *Dye. Pigment.* **2019**, 164, 72–81. <https://doi.org/10.1016/j.dyepig.2018.12.067>.
- (3) Gonchar, M. R.; Matnurov, E. M.; Burdina, T. A.; Zava, O.; Ridel, T.; Milaeva, E. R.; Dyson, P. J.; Nazarov, A. A. Ruthenium(II)-Arene and Triruthenium-Carbonyl Cluster Complexes with New Water-Soluble Phosphites Based on Glucose: Synthesis, Characterization and Antiproliferative Activity. *J. Organomet. Chem.* **2020**, 919, 121312. <https://doi.org/10.1016/j.jorgancchem.2020.121312>.
- (4) Antonenko, T. A.; Shpakovsky, D. B.; Vorobyov, M. A.; Gracheva, Y. A.; Kharitonashvili, E. V.; Dubova, L. G.; Shevtsova, E. F.; Tafeenko, V. A.; Aslanov, L. A.; Iksanova, A. G.; et al. Antioxidative vs Cytotoxic Activities of Organotin Complexes Bearing 2,6-Di-Tert-Butylphenol Moieties. *Appl. Organomet. Chem.* **2018**, 32 (7), 1–12. <https://doi.org/10.1002/aoc.4381>.
- (5) Milaeva, E. R.; Tyurin, V. Y.; Shpakovsky, D. B.; Moiseeva, A. A.; Gracheva, Y. A.; Antonenko, T. A.; Maduar, V. V.; Osolodkin, D. I.; Palyulin, V. A.; Shevtsova, E. F. Redox-Active Metal Complexes with 2,2'-Dipicolylamine Containing Ferrocenyl Moiety: Synthesis, Electrochemical Behavior and Biological Activity. *J. Organomet. Chem.* **2017**, 839, 60–70. <https://doi.org/10.1016/j.jorgancchem.2017.03.036>.
- (6) Antonenko, T. A.; Shpakovsky, D. B.; Gracheva, Y. A.; Balashova, T. V.; Pushkarev, A. P.; Bochkarev, M. N.; Milaeva, E. R. Lanthanide Benzoates with 2,6-Di-Tert-Butylphenol Moiety: Synthesis, Luminescent and Antioxidant Properties. *Inorganica Chim. Acta* **2017**, 455, 276–282. <https://doi.org/10.1016/j.ica.2016.10.025>.
- (7) Okulova, Y. N.; Zenin, I. V.; Shutkov, I. A.; Kirsanov, K. I.; Kovaleva, O. N.; Lesovaya, E. A.; Fetisov, T. I.; Milaeva, E. R.; Nazarov, A. A. Antiproliferative Activity of Pt(IV) Complexes with Lonidamine and Bexarotene Ligands Attached via Succinate-Ethylenediamine Linker. *Inorganica Chim. Acta* **2019**, 495, 119010. <https://doi.org/10.1016/j.ica.2019.119010>.
- (8) Sedenkova, K. N.; Terekhin, A. V.; Abdrashitova, I. V.; Vasilenko, D. A.; Sadovnikov, K. S.; Gracheva, Y. A.; Grishin, Y. K.; Holt, T.; Kutateladze, A. G.; Kuznetsova, T. S.; et al. Dichotomy in the Reactivity of 2-Methyltetrahydroquinazoline 1-Oxides towards Aldehydes: An Unprecedented Condensation with Simultaneous Reduction of the N-Oxide Fragment. *Tetrahedron Lett.* **2020**, 61 (11), 151605. <https://doi.org/10.1016/j.tetlet.2020.151605>.