

## Сведения об официальном оппоненте

**Толстикова Татьяна Генриховна**, доктор биологических наук, профессор, специальность 14.03.06 - “Фармакология, клиническая фармакология”, заведующий лабораторией фармакологических исследований, Федеральное государственное бюджетное учреждение науки институт органической химии им. Н.Н. Ворожцова Сибирского отделения Российской академии наук, г. Новосибирск.

Список основных публикаций по теме диссертации за последние 5 лет:

1. Valiulin S. V, Onischuk A.A., Baklanov A.M., Dubtsov S.N., An'kov S. V, Shkil N.N., Nefedova E. V, Plokhotnichenko M.E., Tolstikova T.G., Dolgov A.M. Aerosol inhalation delivery of cefazolin in mice: pharmacokinetic measurements and antibacterial effect // *Int. J. Pharm.* – 2021. – V. 607. – P. 121013.
2. Popadyuk I.I., Markov A. V, Morozova E.A., Babich V.O., Salomatina O. V, Logashenko E.B., Zenkova M.A., Tolstikova, T. G., Salakhutdinov N.F. Synthesis and evaluation of antitumor, anti-inflammatory and analgesic activity of novel deoxycholic acid derivatives bearing aryl-or hetarylsulfanyl moieties at the C-3 position // *Steroids.* – 2017. – V. 127. – P. 1–12.
3. Lipeeva A., Baev D.S., Dolgikh M.P., Tolstikova T.G., Shults E.E. Rapid access to oxazine fused furocoumarins and in vivo and in silico studies of theirs biological activity // *Med. Chem. (Los. Angeles).* – 2017. – V. 13. – № 7. – P. 625–632.
4. Kremis S.A., Baev D.S., Lipeeva A. V, Shults E.E., Tolstikova T.G., Sinitsyna O.I., Kochetov A. V, Frolova T.S. Genotoxic activity of 1, 2, 3-triazolyl modified furocoumarins and 2, 3-dihydrofurocoumarins // *J. Biochem. Mol. Toxicol.* – 2019. – V. 33. – № 11. – P. e22396.
5. Okhina A.A., Rogachev A.D., Yarovaya O.I., Khvostov M. V, Tolstikova T.G., Pokrovsky A.G., Khazanov V.A., Salakhutdinov N.F. Development and validation of an LC-MS/MS method for the quantitative analysis of the anti-influenza agent camphene in rat plasma and its application to study the blood-to-plasma distribution of the agent // *J. Pharm. Biomed. Anal.* – 2020. – V. 180. – P. 113039.
6. Semenova M.D., Popov S.A., Sorokina I. V, Meshkova Y. V, Baev D.S., Tolstikova T.G., Shults E.E. Conjugates of lupane triterpenoids with arylpyrimidines: synthesis and anti-

inflammatory activity // Steroids. – 2022. – P. 109042.

7. Popov S.A., Semenova M.D., Baev D.S., Sorokina I. V, Zhukova N.A., Frolova T.S., Tolstikova T.G., Shults E.E., Turks M. Lupane-type conjugates with aminoacids, 1, 3, 4-oxadiazole and 1, 2, 5-oxadiazole-2-oxide derivatives: synthesis, anti-inflammatory activity and in silico evaluation of target affinity // Steroids. – 2019. – V. 150. – P. 108443.