

Список публикаций официального оппонента Веселовского А.В. по теме оппонируемой диссертации

1. Veselovsky A.V., Zharkova M.S., Poroikov V.V., Nicklaus M.C. Computer-aided design and discovery of protein–protein interaction inhibitors as agents for anti-HIV therapy. // SAR and QSAR in Environmental Research, 2014, Vol. 25, No. 6, 457–471.
2. Fedchenko V.I., Buneeva O.A., Kopylov A.T., Veselovsky A.V., Zgoda V.G., Medvedev A.E. Human urinary renalase lacks the N-terminal signal peptide crucial for accommodation of its FAD cofactor. *Int. J. Biol. Macromol.* 2015 V. 78, P.347-353.
3. Shcherbinin D.S., Gnedenko O.V., Khmeleva S.A., Usanov S.A., Gilep A.A., Yantsevich A.V., Shkel T.V., Yushkevich I.V., Radko S.P., Ivanov A.S., Veselovsky A.V., Archakov A.I. Computer-aided design of aptamers for cytochrome p450. *J. Structural Biology*, 2015, a. N 2, 112-119.
4. Karasev DA, Veselovsky AV, Oparina NY, Filimonov DA, Sobolev BN. Prediction of amino acid positions specific for functional groups in a protein family based on local sequence similarity. // *J. Mol. Recognit.*, 2016, V. 29, N 4, P. 159-169.
5. Кузнецова С.С., Колесанова Е.Ф., Таланова А.В., Веселовский А.В. Перспективы создания новых ингибиторов терапевтически значимых сериновых протеаз на основе кноттинов и пептидного ингибитора трипсина из семян подсолнечника (SFTI 1).// *Биомедицинская химия*, 2016, Т. 62, № 4, С. 353-368.
6. Kostin V.A., Zolottsev V.A., Kuzikov A.V., Masamrekh R.A., Shumyantseva V.V., Veselovsky A.V., Stulov S.V., Novikov R.A., Timofeev V.P., Misharin A.Y. Oxazolinyl derivatives of [17(20)E]-21-norpregnene differing in the structure of A and B rings. Facile synthesis and inhibition of CYP17A1 catalytic activity. *Steroids*. 2016. V. 115. P. 114-122.
7. Щербинин Д.С., Рубцова М.Ю., Григоренко В.Г., Упоров И.В., Веселовский А.В., Егоров А.М. Изучение роли мутаций M182T и Q39K в структуре β–лактамазы TEM-72 методом молекулярной динамики. // *Биомедицинская химия*, 2016, Т. 62, № 5, С.527-534.
8. Karasev D.A., Veselova D.A., Veselovsky A.V., Sobolev B.N., Zgoda V.G., Archakov A.I. Spatial features of proteins related to their phosphorylation and associated structural changes. // *Proteins: Structure, Function and Bioinformatics*, 2018, 86, N 1, 13-20.

- 9 Kugaevskaya E.V., Veselovsky A.V., Indeykina M.I., Solovyeva N.I., Zharkova M.S., Popov I.A., Nikolaev E.N., Mantsyzov A.B., Makarov A.A., Kozin S.A. N-domain of angiotensin-converting enzyme hydrolyzes human and rat amyloid- β (1-16) peptides as arginine specific endopeptidase potentially enhancing risk of Alzheimer's disease. // *Scientific Reports*, 2018, 8, 298.
10. Grigorenko V., Uporov I., Rubtsova M., Andreeva I., Shcherbinin D., Veselovsky A., Serova O., Ulyashova M., Ishtubaev I., Egorov A. Mutual influence of secondary and key drug-resistance mutations on catalytic properties and thermal stability of TEM-type β -lactamases. // *FEBS Open Bio*, 2018, 8, N 1, 117–129.
- 11 Chirkova Z.V., Kabanova M.V., Filimonov S.I., Abramov I.G., Petzer A., Engelbrecht I., Petzer J.P., Suponitsky K. Yu., Veselovsky A.V. An investigation of the monoamine oxidase inhibition properties of pyrrolo[3,4-f]indole-5,7-dione and indole-5,6-dicarbonitrile derivatives. // *Drug Dev. Res.* 2018. V. 79. N 2. P. 81-93.
- 12 Tarasova O., Poroikov V., Veselovsky A. Molecular Docking Studies of HIV-1 Resistance to Reverse Transcriptase Inhibitors: Mini-Review. // *Molecules*, 2018, V. 23, P. 1233.
- 13 Masamrekh R., Kuzikov A., Veselovsky A., Toropygin I., Shkel T., Strushkevich N., Gilep A., Usanov S., Archakov A., Shumyantseva V. Interaction of 17α -hydroxylase, $17(20)$ -lyase (CYP17A1) inhibitors –abiraterone and galeterone – with human sterol 14α -demethylase (CYP51A1). // *Journal of Inorganic Biochemistry*. 2018. 186. № 1, P. 24–33