

**Список основных публикаций оппонента к.б.н. Маркова Олега Владимировича н.с.  
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диссертации Сайк О.В. за период с 2014-2018 гг.**

- 1) Kabilova TO, Shmendel EV, Gladkikh DV, Chernolovskaya EL, Markov OV, Morozova NG, Maslov MA, Zenkova MA. Targeted delivery of nucleic acids into xenograft tumors mediated by novel folate-equipped liposomes // European Journal of Pharmaceutics and Biopharmaceutics. – 2018. – Т. 123. – С. 59-70.
- 2) Markov O. V., Mironova N. L., Vlassov V. V. Antitumor Vaccines Based on Dendritic Cells: From Experiments using Animal Tumor Models to Clinical Trials // Acta Naturae (англоязычная версия). – 2017. – Т. 9. – №. 3 (33):27-38.
- 3) Markov O. V., Mironova N. L., Shmendel E. V., Maslov M. A., Zenkova M. A. Systemic delivery of complexes of melanoma RNA with mannosylated liposomes activates highly efficient murine melanoma-specific cytotoxic T cells in vivo // Molecular Biology. – 2017. – Т. 51. – №. 1. – С. 102-107.
- 4) Markov O. V., Mironova N. L., Vlasov V. V., Zenkova M. A. Molecular and cellular mechanisms of antitumor immune response activation by dendritic cells // Acta Naturae (англоязычная версия). – 2016. – Т. 8. – №. 3 (30):17-30.
- 5) Markov OV, Mironova NL, Shmendel EV, Serikov RN, Morozova NG, Maslov MA, Vlassov VV, Zenkova MA. Multicomponent mannose-containing liposomes efficiently deliver RNA in murine immature dendritic cells and provide productive anti-tumour response in murine melanoma model //Journal of Controlled Release. – 2015. – Т. 213. – С. 45-56.
- 6) Sen'kova AV, Mironova NL, Patutina OA, Mitkevich VA, Markov OV, Petrushanko IY, Burnysheva KM, Zenkova MA, Makarov AA. Ribonuclease binase decreases destructive changes of the liver and restores its regeneration potential in mouse lung carcinoma model // Biochimie. – 2014. – Т. 101. – С. 256-259.

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