

## Сведения об официальном оппоненте

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Список основных публикаций по теме диссертации за последние 5 лет:

- 1) Shulga O.A., Shchennikova A.V., Beletsky A.V., Mardanov A.V., Kochieva E.Z., Filyushin M.A., Ravin, N.V., Skryabin, K.G. (2018) Transcriptome-wide characterization of the MADS-box family in pinesap *Monotropa hypopitys* reveals flowering conservation in non-photosynthetic myco-heterotrophs. *J. Plant Growth Regul.* 37(3): 768–783.
- 2) Rubtsova MP, Vasilkova DP, Moshareva MA, Malyavko AN, Meerson MB, Zatsepin TS, Naraykina YV, Beletsky AV, Ravin NV, Dontsova OA. (2019) Integrator is a key component of human telomerase RNA biogenesis. *Sci Rep.* 9(1): 1701.
- 3) Mardanov AV, Eldarov MA, Beletsky AV, Tanashchuk TN, Kishkovskaya SA, Ravin NV. (2020) Transcriptome profile of yeast strain used for biological wine aging revealed dynamic changes of gene expression in course of flor development. *Front Microbiol.* 11: 538.
- 4) Pletnev P, Pupov D, Pshanichnaya L, Esyunina D, Petushkov I, Nesterchuk M, Osterman I, Rubtsova M, Mardanov A, Ravin N, Sergiev P, Kulbachinskiy A, Dontsova O. (2020) Rewiring of growth-dependent transcription regulation by a point mutation in region 1.1 of the housekeeping  $\sigma$  factor. *Nucleic Acids Res.* 48(19): 10802-10819.
- 5) Kuprianov VV, Nikolaeva LI, Zyкова AA, Dedova AV, Grishechkin AE, Kapustin IV, Kotlyarov RY, Ravin NV. (2020) Combination of three adjuvants enhances the immunogenicity of a recombinant protein containing the CTL epitopes of non-structural proteins of hepatitis C virus. *Virus Res.* 284: 197984.
- 6) Shchennikova AV, Beletsky AV, Filyushin MA, Slugina MA, Gruzdev EV, Mardanov AV, Kochieva EZ and Ravin NV (2021) *Nepenthes x ventrata* transcriptome profiling reveals a similarity between the evolutionary origins of carnivorous traps and floral organs. *Front. Plant Sci.* 12: 643137.
- 7) Zyкова AA, Blokhina EA, Stepanova LA, Shuklina MA, Tsybalova LM, Kuprianov VV, Ravin NV. (2022) Nanoparticles based on artificial self-assembling peptide and displaying M2e peptide and stalk HA epitopes of influenza A virus induce potent humoral and T-cell responses and protect against the viral infection. *Nanomedicine.* 39: 102463.
- 8) Mardanova ES, Kotlyarov RY, Stuchinskaya MD, Nikolaeva LI, Zahmanova G, Ravin NV. (2022) High-yield production of chimeric Hepatitis E virus-like particles bearing the M2e Influenza epitope and receptor binding domain of SARS-CoV-2 in plants using viral vectors. *Int. J. Mol. Sci.* 23: 15684.