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работников организации по теме диссертации за последние 5 лет (не более 15)	<ol style="list-style-type: none"> 1. Structural comparison of AP endonucleases from the exonuclease III family reveals new amino acid residues in human AP endonuclease 1 that are involved in incision of damaged DNA. Redrejo-Rodríguez M., Vigouroux. A., Mursalimov. A., Grin I.R., Alili. D., Koshenov. Z., Akishev. Z., Maksimenko A., Bissenbaev A.K., Matkarimov B.T., Saparbaev M., Ishchenko A.A., Morera S. <i>Biochimie</i> 2016 V. 128–129 P. 20–33. 2. RNA-modified carbon nanotube arrays recognizing RNA via electrochemical capacitance response. Fedorovskaya E.O., Apartsin E.K., Novopashina D.S., Venyaminova A.G., Kurenaya A.G., Bulusheva L.G., Okotrub A.V. <i>Materials and Design</i>. 2016 V. 100 P. 67-72. 3. Design, RNA cleavage and antiviral activity of new artificial ribonucleases derived from mono-, di- and tripeptides connected by linkers of different hydrophobicity. Tamkovich N.V., Koroleva L.S., Kovpak M.P., Goncharova E.P., Silnikov V.N., Vlassov V.V., Zenkova M.A. <i>Bioorg. Med. Chem.</i> 2016 V. 24 P. 1346-1355. 4. An interplay of the base excision repair and mismatch repair pathways in active DNA demethylation. Grin I.R., Ishchenko A.A. <i>Nucleic Acids Res.</i> 2016 V. 44 N 8 P. 3713-3727.

5. Artificial ribonucleases inactivate a wide range of viruses using their ribonuclease, membranolytic, and chaotropic-like activities. Fedorova A.A., Goncharova E.P., Koroleva L.S., Burakova E.A., Ryabchikova E.I., Bichenkova E.V., Silnikov V.N., Vlassov V.V., Zenkova M.A. *Antivir Res.* 2016 V. 133 P. 73-84.
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