

Microbial Proteases

1. Sharipova M.R, Shagimardanova E.I, Chastukhina I.B, Shamsutdinov T.R, Balaban N.P, Mardanova A.M, Rudenskaya G.N, Demidyuk I.V, Kostrov S.V. The Expression Of *Bacillus Intermedius* Glutamyl Endopeptidase Gene In *Bacillus Subtilis* Recombinant Strains. *Mol Biol Rep.* 2007 Jun;34(2):79-87
2. Kaiumov A.R, Sabirova A.R, Balaban N.P, Mardanova A.M, Il'inskaia O.N, Kostrov S.V, Sharipova M.R. Start Codon In The Serine Proteinase Gene From *Bacillus Intermedius*. *Mol Biol (Mosk).* 2008 Jan-Feb;42(1):117-22. Russian.
3. Mikhailova E.O, Mardanova A.M, Balaban N.P, Rudenskaya G.N, Ilyinskaya O.N, Sharipova M.R. Biochemical Properties Of *Bacillus Intermedius* Subtilisin-Like Proteinase Secreted By A *Bacillus Subtilis* Recombinant Strain In Its Stationary Phase Of Growth. *Biochemistry (Mosc).* 2009 Mar;74(3):308-15.
4. Sabirova A.R, Rudakova N.L, Balaban N.P, Ilyinskaya O.N, Demidyuk I.V, Kostrov S.V, Rudenskaya G.N, Sharipova M.R. A Novel Secreted Metzincin Metalloproteinase From *Bacillus Intermedius*. *Febs Lett.* 2010 Nov 5;584(21):4419-25. Doi: 10.1016/J.Febslet.2010.09.049. Epub 2010 Oct 8.
5. Sharipova M.R, Toimentseva A.A, Sabirova A.R, Mukhametzianova A.D, Akhmetova A.I, Mardanova A.M, Balaban N.P. New Phylogenetic Position Of *Bacillus Intermedius* 3-19 Strain. *Mikrobiologiya.* 2011 May-Jun;80(3):424-426. Russian
6. Mardanova A.M, Malikova L.A, Balaban N.P, Zamaliutdinova N.M, Sharipova M.R. Subtilisin Like Protease Secreted In *Bacillus pumilus* Kmm 62 On Different Growth Stages. *Bioorg Khim.* 2012 Mar-Apr;38(2):234-241. Russian
7. Balaban N.P, Rudakova N.L, Sharipova M.R. Structural And Functional Characteristics And Properties Of Metzincins. *Biochemistry (Mosc).* 2012 Feb;77(2):119-127 Review In Russian
8. Toymentseva A.A. *Bacillus pumilus* Strains with Inactivated Genes of Extracellular Serine Proteinases / A.A. Toymentseva, A.I. Akhmetova, M.R. Karimova, C. Nyamsuren, Yu.O. Ponomareva, E.I. Shagimardanova, A.A. Rizvanov, M.R. Sharipova // *Microbiology.* – 2013. – Vol.82. No.1. – P.59-68.
9. Mardanova, A.M. Draft Genome Sequence of *Serratia grimesii* strain A2 [Text] / A.M. Mardanova, A.A. Toymenceva, A.G. Gilyazeva, S.V. Kazakov, E.I. Shagimardanova, S.Yu. Khaitlina, M.R. Sharipova // *Genome Announcements.* – 2014. – V. 2. – P. e00937-14.
10. A. M. Cheremin, Ch. Nyamsuren, A. A. Toimentseva, and M. R. Sharipova Optimization of the Expression of the Subtilisin-like Protease from *Bacillus pumilus* *Russian Journal of Bioorganic Chemistry*, 2014, Vol. 40, No. 6, pp. 694–698
11. Rudakova, N.L. Optimization of cultivation media for heterologous gene expression of adamalysin-like metalloendopeptidase *Bacillus pumilus* [Text] / N.L. Rudakova, N.P. Balaban, A.M. Mardanova, I.B. Chastukhina, M.R. Sharipova // *Biology and Medicine.*- 2015.- Vol. 7.- No. 2.- Article number BM-077-15; ISSN: 0974-8369.