Curriculum vitae: Alexey Garkovenko

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Education

2000–2004	Россия, Москва	Институт Биоорганической Химии (Аспирантура)	Молекулярная биология
1998–2000	Россия, Пущино-на-Оке	Пущинский Государственный Университет (Магистратура)	Белковая инженерия
1992–1997	Russia, Krasnodar	Kuban State University	

Work experience

2013–to date			
2013–to date			

IBCh positions

2020–to date	Junior research fellow	
	Junior research fellow	

Skills

Sequencing by syntesis, fragment analysis, NGS, realtime PCR

Language Proficiency

Russian, English, Esperanto, Arabic, Chinese

Scientific interests

real-time PCR, genome sequencing, SNPs, DNA-geneology, HID, bioinformatics

Publications

1. Asaturova AM, Bugaeva LN, Homyak AI, Slobodyanyuk GA, Kashutina EV, Yasyuk LV, Sidorov NM, Nadykta VD, **Garkovenko AV** (2022). Bacillus velezensis Strains for Protecting Cucumber Plants from Root-Knot Nematode Meloidogyne incognita in a Greenhouse. *Plants (Basel)* 11 (3), , 10.3390/plants11030275
2. Radchenko VV, Vasilyev IY, Ilnitskaya EV, **Garkovenko AV**, Asaturova AM, Tomashevich NS, Kozitsyn AE, Milovanov AV, Grigoreva TV, Shternshis MV (2020). Draft Genome Sequence of the Plant Growth-Promoting Bacterium Bacillus subtilis Strain BZR 517, Isolated from Winter Wheat, Now Reclassified as Bacillus velezensis Strain BZR 517. *Microbiology Resource Announcements* 9 (40), , 10.1128/MRA.00853-20

3. **Garkovenko AV**, Vasilyev IY, Ilnitskaya EV, Radchenko VV, Asaturova AM, Kozitsyn AE, Tomashevich NS, Milovanov AV, Grigoreva TV, Shternshis MV (2020). Draft Genome Sequence of Bacillus velezensis BZR 336g, a Plant Growth-Promoting Antifungal Biocontrol Agent Isolated from Winter Wheat. *Microbiology Resource Announcements* 9 (30), , 10.1128/MRA.00450-20
4. **Garkovenko AV**, Radchenko VV, Ilnitskaya EV, Koshchaev AG, Shchukina IV, Bakharev AA, Sukhanova SF (2018). Polymorphism of cattle microsatellite complexes.*Journal of Pharmaceutical Sciences and Research* 10 (6), 1545–1551.
5. Koshchaev AG, Shchukina IV, **Garkovenko AV**, Ilnitskaya EV, Radchenko VV, Bakharev AA, Khrabrova LA (2018). Allelic variation of marker genes of hereditary diseases and economically important traits in dairy breeding cattle population. *Journal of Pharmaceutical Sciences and Research*10 (6), 1566–1572.
6. Blagodatskikh KA, Kramarov VM, Barsova EV, **Garkovenko AV**, Shcherbo DS, Shelenkov AA, Ustinova VV, Tokarenko MR, Baker SC, Kramarova TV, Ignatov KB (2017). Improved DOP-PCR (iDOP-PCR): A robust and simple WGA method for efficient amplification of low copy number genomic DNA. *PLoS One* 12 (9), e0184507, 10.1371/journal.pone.0184507
7. Vonarshenko AV, Radchenko VV, Gapon MV, Rodionov IL, Babichenko II, Kakuev DL, Artamonov ID, **Garkovenko AV**, Dyachkova LG, Lipkin VM, Kostanyan IA (2007). Identification and expression of haponin, a new protein from HL-60 cells. *Russ. J. Bioorganic Chem.* 33 (6), 607–609, 10.1134/S106816200706012X
8. Smirnova EV, **Garkovenko AV**, Rakitina TV, Berezhnoĭ SN, Astapova MV, Surina EA, Babichenko II, Kostanian IA, Lipkin VM (2004). Precursors of HLDF differentiation factor and ribosomal protein RPS21 have a common N-terminal sequence. *Bioorg Khim* 30 (2), 130–140.
9. Smirnova EV, **Garkovenko AV**, Rakitina TV, Berezhnoi SN, Astapova MV, Surina EA, Babichenko II, Kostanyan IA, Lipkin VM (2004). The precursor of differentiation factor HLDF and ribosomal protein RPS21 have a common N-terminal sequence. *Russ. J. Bioorganic Chem.* 30 (2), 114–123, 10.1023/B:RUBI.0000023095.43172.c8