Резюме: Игнатов Александр Николаевич

Адрес

Федеральное государственное бюджетное учреждение науки Институт биоорганической химии им. академиков М.М. Шемякина и Ю.А. Овчинникова Российской академии наук, Москва, Россия

Контакты

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Преподавание

2015–наст.вр.	Москва	РУДН	Бактериальные болезни растений

Работа в ИБХ

2025–наст.вр.	Ведущий научный сотрудник	
2022–2023	Ведущий научный сотрудник	
2021–2021	Старший научный сотрудник	

Владение языками

русский, английский

Научные интересы

бактериальные болезни растений, систематика бактерий, Xanthomonas, Pseudomonas, Curtobacterium, Clavibacterium, Dickeya, Pectobacterium, Pantoea, Erwinia

Членство в сообществах

Фитопатологическое общество США

Степени и звания

	Доктор наук (Биологические науки, 06.01.11 — Защита растений)

Публикации

1. Filatova MS, Evseev PV, **Ignatov AN**, Asmaeva PV, Chaplin AV, Miroshnikov KA (2026). Type-Strain-Anchored Phylogenomics Reveals Taxonomic Discordance and Functional Variation in Agrobacterium. *Int J Mol Sci* 27 (20), 9210, 10.3390/ijms27209210
2. Vasilyeva AA, Evseev PV, **Ignatov AN**, Dzhalilov FS (2024). Pectobacterium punjabense Causing Blackleg and Soft Rot of Potato: The First Report in the Russian Federation. *Plants (Basel)* 13 (15), 2144, 10.3390/plants13152144
3. Tarakanov RI, Evseev PV, Vo HTN, Troshin KS, Gutnik DI, **Ignatov AN**, Toshchakov SV, Miroshnikov KA, Jafarov IH, Dzhalilov FS (2024). Xanthomonas Phage PBR31: Classifying the Unclassifiable. *Viruses* 16 (3), 406, 10.3390/v16030406
4. Tokmakova AD, Tarakanov RI, Lukianova AA, Evseev PV, Dorofeeva LV, **Ignatov AN**, Dzhalilov FS, Subbotin SA, Miroshnikov KA (2024). Phytopathogenic Curtobacterium flaccumfaciens Strains Circulating on Leguminous Plants, Alternative Hosts and Weeds in Russia. *Plants (Basel)* 13 (5), ,

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5. Evseev P, Lukianova A, Tarakanov R, Tokmakova A, Popova A, Kulikov E, Shneider M, **Ignatov A**, Miroshnikov K (2023). Prophage-Derived Regions in Curtobacterium Genomes: Good Things, Small Packages. *Int J Mol Sci* 24 (2), 1586, 10.3390/ijms24021586
6. Tarakanov RI, Lukianova AA, Pilik RI, Evseev PV, Miroshnikov KA, Dzhalilov FS, Tesic S, **Ignatov AN** (2022). First report of Curtobacterium flaccumfaciens pv. flaccumfaciens causing bacterial tan spot of soybean in Russia. *PLANT DIS* 107 (7), 2211, 10.1094/PDIS-08-22-1778-PDN
7. Pilik RI, Tesic S, **Ignatov AN**, Tarakanov RI, Dorofeeva LV, Lukianova AA, Evseev PV, Dzhalilov FS, Miroshnikov KA (2022). First Report of Curtobacterium flaccumfaciens pv. flaccumfaciens Causing Bacterial Wilt and Blight on Sunflower in Russia. *PLANT DIS* 107 (5), 1621, 10.1094/PDIS-05-22-1203-PDN
8. Lukianova AA, Evseev PV, Shneider MM, Dvoryakova EA, Tokmakova AD, Shpirt AM, Kabilov MR, Obraztsova EA, Shashkov AS, **Ignatov AN**, Knirel YA, Dzhalilov FS, Miroshnikov KA (2022). Pectobacterium versatile Bacteriophage Possum: A Complex Polysaccharide-Deacetylating Tail Fiber as a Tool for Host Recognition in Pectobacterial Schitoviridae. *Int J Mol Sci* 23 (19), , 10.3390/ijms231911043
9. Tarakanov RI, Lukianova AA, Evseev PV, Pilik RI, Tokmakova AD, Kulikov EE, Toshchakov SV, **Ignatov AN**, Dzhalilov FS, Miroshnikov KA (2022). Ayka, a Novel Curtobacterium Bacteriophage, Provides Protection against Soybean Bacterial Wilt and Tan Spot. *Int J Mol Sci* 23 (18), , 10.3390/ijms231810913
10. Tarakanov RI, Lukianova AA, Evseev PV, Toshchakov SV, Kulikov EE, **Ignatov AN**, Miroshnikov KA, Dzhalilov FSU (2022). Bacteriophage Control of Pseudomonas savastanoi pv. glycinea in Soybean. *Plants (Basel)* 11 (7), , 10.3390/plants11070938
11. Evseev P, Lukianova A, Tarakanov R, Tokmakova A, Shneider M, **Ignatov A**, Miroshnikov K (2022). Curtobacterium spp. and Curtobacterium flaccumfaciens: Phylogeny, Genomics-Based Taxonomy, Pathogenicity, and Diagnostics. *Curr Issues Mol Biol* 44 (2), 889–927, 10.3390/cimb44020060
12. Lukianova AA, Evseev PV, Stakheev AA, Kotova IB, Zavriev SK, **Ignatov AN**, Miroshnikov KA (2021). Quantitative Real-Time PCR Assay for the Detection of Pectobacterium parmentieri, a Causal Agent of Potato Soft Rot. *Plants (Basel)* 10 (9), , 10.3390/plants10091880
13. Miroshnikov KA, Evseev PV, Lukianova AA, **Ignatov AN** (2021). Tailed lytic bacteriophages of soft rot pectobacteriaceae. *Microorganisms* 9 (9), , 10.3390/microorganisms9091819
14. Bugaeva EN, Voronina MV, Vasiliev DM, Lukianova AA, Landyshev NN, **Ignatov AN**, Miroshnikov KA (2021). Use of a specific phage cocktail for soft rot control on ware potatoes: A case study.*Viruses* 13 (6), , 10.3390/v13061095
15. **(конференция)** Lukianova A, Evseev P, Tokmakova A, **Ignatov A**, Miroshnikov K (2021). Analysis of updated Pectobacteriaceae sequences highlights the need for taxonomy revisions. , 320–324, 10.1109/CSGB53040.2021.9496039
16. **(конференция)** Evseev PV, Landysheva YG, Landyshev NN, **Ignatov AN** (2021). Presence of rRNA-like regions in Genbank viral sequences. , 310–314, 10.1109/CSGB53040.2021.9496035
17. Lukianova AA, Evseev PV, Stakheev AA, Kotova IB, Zavriev SK, **Ignatov AN**, Miroshnikov KA (2021). Development of qPCR Detection Assay for Potato Pathogen Pectobacterium atrosepticum Based on a Unique Target Sequence. *Plants (Basel)* 10 (2), 1–13, 10.3390/plants10020355
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19. **(конференция)** Evseev P, **Ignatov A**, Miroshnikov K (2020). Bioinformatic basis to define the species formation within Pectobacterium and Dickeya bacterial genera. , 47–52, 10.1109/CSGB51356.2020.9214693
20. Shneider MM, Lukianova AA, Evseev PV, Shpirt AM, Kabilov MR, Tokmakova AD, Miroshnikov KK, Obraztsova EA, Baturina OA, Shashkov AS, **Ignatov AN**, Knirel YA, Miroshnikov KA (2020).

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21. Lukianova AA, Shneider MM, Evseev PV, Shpirt AM, Bugaeva EN, Kabanova AP, Obraztsova EA, Miroshnikov KK, Senchenkova SN, Shashkov AS, Toschakov SV, Knirel YA, **Ignatov AN**, Miroshnikov KA (2020). Morphologically Different Pectobacterium brasiliense Bacteriophages PP99 and PP101: Deacetylation of O-Polysaccharide by the Tail Spike Protein of Phage PP99 Accompanies the Infection. *Front Microbiol* 10, 3147, 10.3389/fmicb.2019.03147
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25. Ngoc Ha VT, Voronina MV, Kabanova AP, Shneider MM, Korzhenkov AA, Toschakov SV, Miroshnikov KK, Miroshnikov KA, **Ignatov AN** (2019). First report of pectobacterium parmentieri causing stem rot disease of potato in Russia. *PLANT DIS* 103 (1), 144, 10.1094/PDIS-11-17-1829-PDN
26. **Ignatov AN**, Spechenkova NA, Taliansky M, Kornev KP (2019). First report of clavibacter michiganensis subsp. Michiganensis infecting potato in Russia. *PLANT DIS* 103 (1), 147, 10.1094/PDIS-04-18-0691-PDN
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28. Shneider MM, Kabanova AP, Korzhenkov AA, Miroshnikov KK, Vo Thi NH, Toshchakov SV, Miroshnikov KA, **Ignatov AN** (2018). Draft genome sequence of Pectobacterium atrosepticum PB72 and complete genome sequence of the specific bacteriophage PP90. *Genome Announc* 6 (27), , 10.1128/genomeA.00473-18
29. **Ignatov AN**, Panycheva JS, Spechenkova N, Taliansky M (2018). First report of Clavibacter michiganensis subsp. sepedonicus infecting sugar beet in Russia. *PLANT DIS* 102 (12), 2634, 10.1094/PDIS-04-18-0693-PDN
30. Shirshikov FV, Korzhenkov AA, Miroshnikov KK, Kabanova AP, Barannik AP, **Ignatov AN**, Miroshnikov KA (2018). Draft genome sequences of new genomospecies. *Genome Announc* 6 (15), e00260–18, 10.1128/genomeA.00260-18
31. Sultanov RI, Arapidi GP, Vinogradova SV, Govorun VM, Luster DG, **Ignatov AN** (2016). Comprehensive analysis of draft genomes of two closely related pseudomonas syringae phylogroup 2b strains infecting mono- and dicotyledon host plants. *BMC Genomics* 17 (Suppl 14), 1010, 10.1186/s12864-016-3358-y