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

https://www.ibch.ru/users/1188

Преподавание

2015–наст.вр.	Москва	РУДН	Бактериальные болезни растений

Работа в ИБХ

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. 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
2. 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
3. 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), , 10.3390/plants13050667
4. 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
5. 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
6. 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

7. 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
8. 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
9. 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
10. 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
11. Miroshnikov KA, Evseev PV, Lukianova AA, **Ignatov AN** (2021). Tailed lytic bacteriophages of soft rot pectobacteriaceae. *Microorganisms* 9 (9), , 10.3390/microorganisms9091819
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. 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
14. **(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
15. **(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
16. 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
17. Evseev PV, Lukianova AA, Shneider MM, Korzhenkov AA, Bugaeva EN, Kabanova AP, Miroshnikov KK, Kulikov EE, Toshchakov SV, **Ignatov AN**, Miroshnikov KA (2020). Origin and Evolution of Studiervirinae Bacteriophages Infecting Pectobacterium: Horizontal Transfer Assists Adaptation to New Niches. *Microorganisms* 8 (11), 1–27, 10.3390/microorganisms8111707
18. **(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
19. 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). Autographivirinae Bacteriophage Arno 160 Infects Pectobacterium carotovorum via Depolymerization of the Bacterial O-Polysaccharide. *Int J Mol Sci* 21 (9), , 10.3390/ijms21093170
20. 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
21. Voronina MV, Bugaeva EN, Vasiliev DM, Kabanova AP, Barannik AP, Shneider MM, Kulikov EE, Korzhenkov AA, Toschakov SV, **Ignatov AN**, Miroshnikov KA (2019). Characterization of Pectobacterium carotovorum subsp. carotovorum Bacteriophage PP16 Prospective for Biocontrol of Potato Soft Rot. *Microbiology* 88 (4), 451–460, 10.1134/S0026261719040118
22. Voronina MV, Kabanova AP, Shneider MM, Korzhenkov AA, Toschakov SV, Miroshnikov KK, Miroshnikov KA, **Ignatov AN** (2019). First report of pectobacterium carotovorum subsp. Brasiliense causing blackleg and stem rot disease of potato in Russia. *PLANT DIS* 103 (2), 364, 10.1094/PDIS-03-18-0456-PDN
23. Kabanova AP, Shneider MM, Korzhenkov AA, Bugaeva EN, Miroshnikov KK, Zdorovenko EL, Kulikov EE,

Toschakov SV, **Ignatov AN**, Knirel YA, Miroshnikov KA (2019). Host Specificity of the Bacteriophage PP35 Is Directed by a Tail Spike Interaction With Bacterial -Antigen, Enabling the Infection of Alternative Non-pathogenic Bacterial Host. *Front Microbiol* 9 (JAN), 3288, 10.3389/fmicb.2018.03288

24. **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
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. 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
27. Kabanova A, Shneider M, Bugaeva E, Ha VTN, Miroshnikov K, Korzhenkov A, Kulikov E, Toschakov S, **Ignatov A**, Miroshnikov K (2018). Genomic characteristics of vB_PpaP_PP74, a T7-like Autographivirinae bacteriophage infecting a potato pathogen of the newly proposed species Pectobacterium parmentieri. *Arch Virol* 163 (6), 1691–1694, 10.1007/s00705-018-3766-1
28. **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
29. 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
30. 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