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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
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Работа в ИБХ

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

- 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](https://doi.org/10.3390/ijms24021586)
- Tarakanov RI, Lukianova AA, Pilik RI, Evseev PV, Miroshnikov KA, Dzhililov FS, Tesic S, **Ignatov AN** (2022). First report of *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* causing bacterial tan spot of soybean in Russia. *PLANT DIS* , , [10.1094/PDIS-08-22-1778-PDN](https://doi.org/10.1094/PDIS-08-22-1778-PDN)
- Pilik RI, Tesic S, **Ignatov AN**, Tarakanov RI, Dorofeeva LV, Lukianova AA, Evseev PV, Dzhililov FS, Miroshnikov KA (2022). First Report of *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* Causing Bacterial Wilt and Blight on Sunflower in Russia. *PLANT DIS* , , [10.1094/PDIS-05-22-1203-PDN](https://doi.org/10.1094/PDIS-05-22-1203-PDN)
- Lukianova AA, Evseev PV, Shneider MM, Dvoryakova EA, Tokmakova AD, Shpirt AM, Kabilov MR, Obratsova EA, Shashkov AS, **Ignatov AN**, Knirel YA, Dzhililov FS, Miroshnikov KA (2022). *Pectobacterium versatile* Bacteriophage Possum: A Complex Polysaccharide-Deacetylating Tail Fiber as a Tool for Host Recognition in *Pectobacterium* Schitoviridae. *Int J Mol Sci* 23 (19), , [10.3390/ijms231911043](https://doi.org/10.3390/ijms231911043)
- Tarakanov RI, Lukianova AA, Evseev PV, Pilik RI, Tokmakova AD, Kulikov EE, Toshchakov SV, **Ignatov AN**, Dzhililov 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](https://doi.org/10.3390/ijms231810913)
- Tarakanov RI, Lukianova AA, Evseev PV, Toshchakov SV, Kulikov EE, **Ignatov AN**, Miroshnikov KA, Dzhililov FSU (2022). Bacteriophage Control of *Pseudomonas savastanoi* pv. *glycinea* in Soybean. *Plants*

- (Basel) 11 (7), , [10.3390/plants11070938](https://doi.org/10.3390/plants11070938)
7. 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](https://doi.org/10.3390/cimb44020060)
 8. Miroshnikov KA, Evseev PV, Lukianova AA, **Ignatov AN** (2021). Tailed lytic bacteriophages of soft rot pectobacteriaceae. *Microorganisms* 9 (9), , [10.3390/microorganisms9091819](https://doi.org/10.3390/microorganisms9091819)
 9. 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](https://doi.org/10.3390/plants10091880)
 10. 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](https://doi.org/10.3390/v13061095)
 11. **(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](https://doi.org/10.1109/CSGB53040.2021.9496039)
 12. **(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](https://doi.org/10.1109/CSGB53040.2021.9496035)
 13. 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](https://doi.org/10.3390/plants10020355)
 14. 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 Studiuvirinae Bacteriophages Infecting *Pectobacterium*: Horizontal Transfer Assists Adaptation to New Niches. *Microorganisms* 8 (11), 1–27, [10.3390/microorganisms8111707](https://doi.org/10.3390/microorganisms8111707)
 15. **(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](https://doi.org/10.1109/CSGB51356.2020.9214693)
 16. Shneider MM, Lukianova AA, Evseev PV, Shpirt AM, Kabilov MR, Tokmakova AD, Miroshnikov KK, Obratsova 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](https://doi.org/10.3390/ijms21093170)
 17. Lukianova AA, Shneider MM, Evseev PV, Shpirt AM, Bugaeva EN, Kabanova AP, Obratsova EA, Miroshnikov KK, Senchenkova SN, Shashkov AS, Toshchakov 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](https://doi.org/10.3389/fmicb.2019.03147)
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 21. **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](https://doi.org/10.1094/PDIS-04-18-0691-PDN)
 22. Ngoc Ha VT, Voronina MV, Kabanova AP, Shneider MM, Korzhenkov AA, Toshchakov 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](https://doi.org/10.1094/PDIS-11-17-1829-PDN)
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25. **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](https://doi.org/10.1094/PDIS-04-18-0693-PDN)
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