

Application of the pathogen Trojan horse approach in maize (*Zea mays*)

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Cocksfoot mottle virus P1 suppresses RNA silencing in *Nicotiana benthamiana* and *Nicotiana tabacum*

Sarmiento Guerin, Maria Cecilia; Gomez, Eva; **Meier, Merike**; Kavanagh, Tony; **Truve, Erkki** Virus research 2007 / 1, p. 95-99 <https://pubmed.ncbi.nlm.nih.gov/16971015/>

Comparative genomic analysis of monosporial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of *Tilletia indica* pathogen of wheat

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cytosporone B as a biological preservative: purification, fungicidal activity and mechanism of action against *Geotrichum citri-aurantii*

Yin, Chunxiao; Liu, Hongxin; Shan, Yang; **Gupta, Vijai Kumar**; Jiang, Yueming; Zhang, Weimin; Tan, Haibo; Gong, Liang Biomolecules 2019 / Art. nr. 125 <https://doi.org/10.3390/biom9040125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement of disease resistance, growth potential, and photosynthesis in tomato (*Solanum lycopersicum*) by inoculation with an endophytic actinobacterium, *Streptomyces thermocarboxydus* strain BPSAC147

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi**; **Malik, Jahangir Ahmed**; **As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First report of Hosta virus X infecting hosta plants in Ukraine

Shchetynina, A.; Budzanivska, I.; Pereboychuk, O.; **Sömera, Merike**; **Truve, Erkki** Acta virologica 2017 / p. 498-499 https://dx.doi.org/10.4149/av_2017_415

Foliar resistance to the late blight pathogen *Phytophthora infestans* (Mont.) de Bary in a backcross of potato (*Solanum tuberosum* L.) cultivar Ando

Runno-Paurson, Eve; Tähtjärv, Terje; **Tönismann, Karmen**; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Acta agriculturae Scandinavica. Section B, Soil and plant science 2019 / p. 631-640 : ill <https://doi.org/10.1080/09064710.2019.1629621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High density mapping of powdery mildew resistance gene *Qpm.Tut-4A* introgressed to bread wheat from *Triticum militinae*

Kominkova, Eva; Balcarkova, Barbora; Abrouk, Michael; **Reis, Diana**; **Jakobson, Irena**; **Peuša, Hilma**; **Järve, Kadri**; **Timofejeva, Ljudmilla**; Doležel, Jaroslav; Valarik, Miroslav Plant and Animal Genome Conference XXIV : the International Conference on the Status of Plant & Animal Genome Research : January 9-13, 2016, Town & Country Hotel, San Diego, CA 2016 / p. P0872 : ill

Late blight (*Phytophthora infestans*) resistance of the Estonian potato cultivar Ando and Ando's hybrids

Tönismann, Karmen; Tähtjärv, Terje; Tsahkna, Aide; Runno-Paurson, Eve; **Aaspõllu, Anu**; **Järve, Kadri** EAPR 2014 Brussels : 19th Triennial Conference of the European Association for Potato Research, 6 to 11 July 2014 : Abstract Book 2014 / p. 186

Late blight resistance of the Estonian potato cultivar Ando [Online resource]

Tönismann, Karmen; Tähtjärv, Terje; Tsahkna, Aide; Runno-Paurson, Eve; **Aaspõllu, Anu**; **Järve, Kadri** Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 60-61 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Nisu haiguskindluse geneetilise kontroll

Peuša, Hilma; Enno, Tamara; **Järve, Kadri**; Priilinn, Oskar Agraarteadus 2001 / 4, lk. 219-223

On the changes of pinewood (*Pinus sylvestris* L.). Chemical composition and ultrastructure during the attack by brown-rot fungi *Postia placenta* and *Coniophora puteana*

Ibe, I.; Andersons, B.; Chirkova, J.; **Kallavus, Urve**; Andersone, I.; Faix, O. International biodeterioration & biodegradation 2006 / 2,

p. 99-106 : ill

https://www.researchgate.net/publication/223856962_On_the_changes_of_pinewood_Pinus_sylvestris_L_Chemical_composition_and_ultrastructure_during_the_attack_by_brown-rot_fungi_Postia_placenta_and_Coniophora puteana

Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ

Linde, Karina van der; **Timofejeva, Ljudmilla**; Egger, Rachel L.; Ilau, Birger *The Plant cell* 2018 / p. 528-542 : ill

<https://doi.org/10.1105/tpc.17.00238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solemoviruses (Solemoviridae)

Sarmiento Guerin, Maria Cecilia; Sömera, Merike; Truve, Erkki *Encyclopedia of Virology*, 4th edition 2021 / p. 712-718

<https://www.elsevier.com/books/encyclopedia-of-virology/bamford/978-0-12-814515-9>

Synergistic interaction of natamycin with carboxymethyl chitosan for controlling *Alternata alternara*, a cause of black spot rot in postharvest jujube fruit

Gong, Liang; Zhao, Zhiyong; Yin, Chunxiao; **Gupta, Vijai Kumar**; Zhang, Xianhui; Jiang, Yueming *Postharvest Biology and*

Technology 2019 / Art. nr. 110919 <https://doi.org/10.1016/j.postharvbio.2019.05.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teadlased kindlustavad nisu seenhaiguste vastu : [TTÜ geenitehnoloogia instituudi katsetustest : lühisõnum]

Imeline Teadus 2013 / lk. 96

Triticum militinae introgressions into bread wheat affect host responses to powdery mildew challenge [Online resource]

Islamov, Bulat; Peuša, Hilma; Jakobson, Irena; Järve, Kadri *Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015* / p. 34

http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Virus-specific capping of tobacco mosaic virus RNA : methylation of GTP prior to formation of covalent complex p126-m7GMP

Merits, Andres; Kettunen, Reetta; Mäkinen, Kristiina; Lampio, Anja; Auvinen, Petri; Kääriäinen, Leevi; Ahola, Tero *FEBS letters*

1999 / p. 45-48 [http://dx.doi.org/10.1016/S0014-5793\(99\)00856-X](http://dx.doi.org/10.1016/S0014-5793(99)00856-X)