

### **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](#) [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](#)

### **Cost-effective, fast and easy detection of polomyxa graminis and of the viruses it transmits to cereal crops**

**Sömera, Merike**; Niehl, Annette Euphresco 2023 / 2 p. <https://zenodo.org/records/10055321> <https://doi.org/10.5281/zenodo.10053691>

### **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](#)

### **Development of DH in a disease-resistant *T. timopheevi*-derived wheat population**

**Järve, Kadri**; Tiidema, Anu; Tsõmbalova, Jelena Technology advancement for gametic embryogenesis 2002 / ? p

### **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://doi.org/10.4149/av.2017.415> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf)

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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***

Irbe, I.; Andersons, B.; Chirkova, J.; **Kallavus, Urve**; Andersone, I.; Faix, O. *International biodeterioration & biodegradation* 2006 / 2, p. 99-106 : ill

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### **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

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### **Sobemovirus coats as a tool for constructing of potential vaccines produced in plants**

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### **Synergistic interaction of natamycin with carboxymethyl chitosan for controlling *Alternata alternata*, 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]**

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### **Tetraploid wheat species *Triticum timopheevii* and *Triticum militinae* in common wheat improvement**

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### ***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

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

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