

Activities associated with the putative replication initiation protein of coconut foliar decay virus, a tentative member of the genus nanovirus

Merits, Andres; Fedorkin, O.N.; Guo, D.; Kalinina, N.O.; Morozov, S.Y. Journal of general virology 2000 / p. 3099-3106

An attempt to identify recombinants between two sobemoviruses in doubly infected oat plants

Meier, Merike; Truve, Erkki Environmental biosafety research 2006 / 1, p. 47-56(?)

Analysis of polyprotein P2a C-terminal part of cocksfoot mottle sobemovirus [Online resource]

Uffert, Gabriela; Sõmera, Merike; Truve, Erkki 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. 61 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Biochemical and genetic evidence for interactions between potato A potyvirus-encoded proteins P1 and P3 and proteins of the putative replication complex

Merits, Andres; Guo, D.; Järvekülg, Lilian; Saarma, Mart Virology 1999 / p. 15-22

Cellular localization of cocksfoot mottle sobemovirus (CfMV) proteins

Truve, Erkki; Meier, Merike; Paves, Heiti; **Olsper, Allan;** Toomela, Raavo; Tamm, T. XIth International Congress of Virology 2002 / p. 303

Characterization of pepino mosaic virus isolated from imported tomato fruits

Järvekülg, Lilian; Villemson, S.; Paalme, Viuu; Hunt, R.; Ehrlig, F.; Rabenstein, Frank XIIth International Congress of Virology 2002 / p. 289

Characterization of pepino mosaic virus isolated from imported tomato fruits

Järvekülg, Lilian; Paalme, Viuu; Villemson, S.; Hunt, R.; Ehrlig, F.; Rabenstein, Frank VIIIth International Plant Virus Epidemiology Symposium 2002 / p. 86

Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe

Oja, Tatjana; Sooväli, Pille; Sõmera, Merike Archives of virology 2023 / art. 259 <https://doi.org/10.1007/s00705-023-05890-8> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cocksfoot mottle sobemovirus coat protein contains two nuclear localization signals

Olsper, Allan; Paves, Heiti; Toomela, Raavo; Tamm, Tiina; Truve, Erkki Virus genes 2010 / 3, p. 423-431 : ill

Cocksfoot mottle sobemovirus establishes infection through the phloem

Otsus, Maarja; Uffert, Gabriela; Sõmera, Merike; Paves, Heiti; **Olsper, Allan;** Islamov, Bulat; Truve, Erkki Virus research 2012 / p. 125-129 : ill <https://pubmed.ncbi.nlm.nih.gov/22425583/>

Cocksfoot mottle virus : target for dsRNA-based vaccination in monocots?

Ilau, Birger; Olsper, Allan; Sarmiento Guerin, Maria Cecilia; Truve, Erkki COST FA0806 WGs & MC meeting : book of abstracts : 3-5 September 2012, Ljubljana, Slovenia 2012 / p. 21

Cocksfoot mottle virus : the genome organisation and translational strategies

Tamm, Tiina 2000 http://www.ester.ee/record=b1060777*est

Cocksfoot mottle virus coat protein is dispensable for the systemic infection

Olsper, Allan; Kamsol, Kristjan; Sarmiento Guerin, Maria Cecilia; Gerassimenko, Jelena; Truve, Erkki Virology journal 2014 / art. 19, 10 p. : ill <https://doi.org/10.1186/1743-422X-11-19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocksfoot mottle virus coat protein is dispensable for the systemic infection and suppresses RNA silencing

Olsper, Allan; Kamsol, Kristjan; Gerassimenko, Jelena; Truve, Erkki; Sarmiento Guerin, Maria Cecilia Green viruses, from gene to landscape : Embo workshop : 7-11 September 2013, Hyères-les-Palmiers, France : programme and abstracts book 2013 / p. 86 <https://pubmed.ncbi.nlm.nih.gov/24495467/>

Cocksfoot mottle virus Px protein localises into the plasma membrane [Online resource]

Kamsol, Kristjan; Olsper, Allan; Truve, Erkki 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. 35 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Comparison of the complete sequences of five different isolates of potato virus A (PVA), genus Potyvirus

Kekarainen, T.; Merits, Andres; Oruetebarria, J.; Rajamäki, M.-L.; Valkonen, J.P.T. Archives of virology 1999 / p. 2355-2366

Complete nucleotide sequence of *Solanum nodiflorum* mottle virus

Sõmera, Merike; Truve, Erkki Archives of virology 2017 / p. 1731-1736 : ill <https://doi.org/10.1007/s00705-017-3273-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

COST FA0806. Plant virus control employing RNA-based vaccines : a novel non-transgenic strategy

Voloudakis, Andreas; **Truve, Erkki** FESPB-EPPO Plant Biology Congress : Freiburg, 29 July-3 August 2012 / p. 739
<https://www.cost.eu/actions/FA0806/>

Deciphering the omics of plant-microbe interaction: perspectives and new insights

Sharma, Minaxi; Sudheer, Surya; **Usmani, Zeba**; Rani, Rupa; Gupta, Pratishtha Current genomics 2020 / p. 343-362
<https://doi.org/10.2174/1389202921999200515140420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Defining the functions of cocksfoot mottle sobemovirus protein P1

Truve, Erkki; Tamm, T.; Michelson, P.; Paves, Heiti ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.3.6 (1 p.)

Detection of cocksfoot mottle virus particles and RNA in oat plants immunological, biotechnical and electronmicroscopical techniques

Truve, Erkki; Naess, V.; Bleptad, R.; **Järvekülg, Lilian**; Mäkinen, K.; Tamm, T. Arch. phytopath. pflanz 1997 / p. 1-13

Detection of single nucleotide polymorphisms in virus genomes assembled from high-throughput sequencing data: large-scale performance testing of sequence analysis strategies

Rollin, Johan; Bester, Rachelle; Brostaux, Yves; Caglayan, Kadriye; De Jonghe, Kris; Eichmeier, Ales; Foucart, Yoika; Haegeman, Annelies; Koloniuk, Igor; Kominek, Petr; Maree, Hans; Onder, Serkan; Posada Cespedes, Susana; Roumi, Vahid; Safarova, Dana; Schumpp, Olivier; Ulubas Serce, Cigdem; **Sõmera, Merike**; Tamisier, Lucie; Vainio, Eeva; van der Vlugt, Rene AA; Massart, Sebastien PeerJ 2023 / art. e15816 <https://doi.org/10.7717/peerj.15816> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection, distribution and control of Potato mop-top virus, a soil-borne virus, in northern Europe

Santala, J.; Samuilova, O.; **Järvekülg, Lilian**; **Kotkas, Katrin** Annals of applied biology 2010 / 2, p. 163-178 : ill
<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1744-7348.2010.00423.x>

Development of high sensitive and rapid test system for simultaneous quantitative and qualitative detection of plant viruses

Raudsepp, Raul; Reintamm, Tõnu; **Järvekülg, Lilian** International Symposium 75 Years of Phytopathological and Resistance Research at Aschersleben, 12-16 June, 1995, Aschersleben, Germany : proceedings, list of authors, list of participants 1995 / p. 141-143

Development of high sensitive and rapid test system for simultaneous quantitative and qualitative detection of plant viruses

Raudsepp, Raul; Reintamm, Tõnu; **Järvekülg, Lilian** International Symposium 75 Years of Phytopathological and Resistance Research at Aschersleben, 12-16 June, 1995, Aschersleben, Germany : programme, abstracts, list of participants 1995 / p. P21

Diagnosis of viroid infection in potatoes and chrysanthemums

Meldrajs, J. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 68

Different viral RNA silencing suppressors have different effects on virus infection in two *Nicotiana* species

Siddiqui, Shahid Aslam; **Sarmiento Guerin, Maria Cecilia**; **Kiisma, Mariliis**; Koivumäki, Satu; Lemmetty, Anne; **Truve, Erkki**; Lehto, Kirsi European Plant Science Organisation 4th EPSO Conference "Plants for Life" : Toulon (Côte d'Azur), France : 22-26 June 2008 / p. 146

EC 5th Framework project : virus-induced gene silencing : unravelling the basis of a mechanism and its exploitation for the analysis of a multitude of individual gene functions in plants

Truve, Erkki The 1st EPSO Conference : Networks in Plant Biology 2002

Eesti teraviljadel esinevad viirushaigused

Sooväli, Pille; **Sõmera, Merike** Agronomiam 2020 = Agronomy 2020 2020 / lk. 202-210 : tab <http://hdl.handle.net/10492/5600>

Effects of viral RNA silencing suppressors on tobacco ringspot virus infection in two *Nicotiana* species

Siddiqui, Shahid Aslam; **Sarmiento Guerin, Maria Cecilia**; **Kiisma, Mariliis**; Koivumäki, Satu; Lemmetty, Anne; **Truve, Erkki**; Lehto, Kirsi Keystone Symposia "RNAi, microRNA and non-coding RNA" : Whistler, Canada, 25-30 March 2008 / p. 152
<https://pubmed.ncbi.nlm.nih.gov/18474567/>

Effects of viral silencing suppressors on tobacco ringspot virus infection in two *Nicotiana* species

Siddiqui, Shahid Aslam; **Sarmiento Guerin, Maria Cecilia**; **Kiisma, Mariliis**; Koivumäki, Satu; Lemmetty, Anne; **Truve, Erkki**;

Lehto, Kirsi Journal of general virology 2008 / p. 1502-1508 : ill <https://pubmed.ncbi.nlm.nih.gov/18474567/>

Expression of cocksfoot mottle virus putative movement protein in African green monkey fibroblasts

Paves, Heiti; Tamm, Tiina Plant molecular biology reporter 2000 / p. S32-8

First report of Brome mosaic virus in wheat in Estonia

Sõmera, Merike; Gantsovski, Mark; Truve, Erkki; Sooväli, Pille Plant disease 2016 / p. 2175 <https://doi.org/10.1094/PDIS-04-16-0426-PDN> [Journal metrics at Scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First report of Cocksfoot mottle virus infecting wheat in Estonia

Sõmera, Merike; Sooväli, Pille New disease reports 2023 / art. e12206 <https://doi.org/10.1002/ndr2.12206> [Journal metrics at Scopus](#) [Article at Scopus](#)

First report of Hosta virus X infecting hosta plants in Ukraine

Shchetynina, A.; Budzanivska, I.; Pereboyshuk, O.; **Sõmera, 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](#)

First report of wheat dwarf virus in winter wheat in Estonia

Sõmera, Merike; Truve, Erkki; Sooväli, Pille Plant disease 2019 / p. 1797 <https://doi.org/10.1094/PDIS-11-18-2059-PDN> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gene silencing suppression in plants

Sarmiento Guerin, Maria Cecilia VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

Genomic organization and gene functions of sobemoviruses

Meier, Merike; Sarmiento Guerin, Maria Cecilia; Olsper, Allan; Paves, Heiti; Truve, Erkki XIV International Congress of Virology : Istanbul, 10-15 August, 2008 2008 / p. 213-214

Genus Sobemovirus

Truve, Erkki; Fargette, Denis Virus taxonomy : classification and nomenclature of viruses : ninth report of the International Committee on Taxonomy of Viruses 2012 / p. 1185-1189 : ill

Gravitropic response of arabidopsis inflorescence stems in myosin mutant plants [Online resource]

Talts, Kristiina; Ojangu, Eve-Ly; Ilau, Birger; Truve, Erkki; Paves, Heiti 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. 57-58 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Identification of cocksfoot mottle sobemovirus (CfMV) individual gene products

Truve, Erkki; Tamm, T.; Mäkinen, K.; **Saarma, Mart** American Society for Virology, 17th annual meeting, University of British Columbia, Vancouver, British Columbia, Canada, July 11-15, 1998 : scientific program and abstracts 1998 / p. 70

Identification of cocksfoot mottle virus individual gene products

Tamm, T.; Mäkinen, K.; **Truve, Erkki** ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.11.24 (1 p.)

Identification of cocksfoot mottle virus individual gene products

Tamm, T.; Mäkinen, K.; **Saarma, Mart; Truve, Erkki** 5th International Symposium on Positive Strand RNA Viruses, St. Petersburg, 1998 : abstracts 1998 / FL p. 64

Identification of genes encoding for the cocksfoot mottle virus proteins

Tamm, Tiina; Mäkinen, K.; **Truve, Erkki** Archives of virology 1999 / p. 1557-1567 <https://pubmed.ncbi.nlm.nih.gov/10486110/>

Identification of the genome-linked protein in virions of Potato virus A, with comparison to other members in genus Potyvirus

Oruetebarria, I.; Guo, D.; **Merits, Andres;** Mäkinen, K.; **Saarma, Mart;** Valkonen, J.P. Virus research 2001 / p. 103-112 <https://www.sciencedirect.com/science/article/abs/pii/S0168170200002161>

In vitro recombinants of two nearly identical potyviral isolates express novel virulence and symptom phenotypes in plants

Paalme, Viuu; Gammelgard, E.; **Järvekülg, Lilian;** Valkonen, J.P. Journal of general virology 2004 / 3, p. 739-747 <https://pubmed.ncbi.nlm.nih.gov/14993660/>

Kartuli viirushaigustest Eestis

Järvekülg, Lilian; Andrejeva, Jelena; Raudsepp, Raul; Saarma, Mart Kartuli tootmine, töötlemine ja tarbimine Eesti Vabariigis

Mass-spectrometric analysis of sobemoviruses reveals a novel chemical bond between RNA and a protein

Olsper, Allan; Peil, Lauri; Truve, Erkki 10th International Congress on Plant Molecular Biology : Jeju, October 21-26, 2012 2012
<https://www.etis.ee/Portal/Publications/Display/421bdd53-9f44-4166-8907-466d8c130f62>

Mass-spectrometric analysis of sobemoviruses reveals a novel chemical bond between RNA and a protein

Olsper, Allan; Peil, Lauri; Truve, Erkki FESPB-EPSO Plant Biology Congress : Freiburg, 29 July - 3 Aug. 2012 2012 / p. 715

Minimal set of genes required for sobemovirus replication

Olsper, Allan; Kamsol, Kristjan; Nummert, Grete; Sarmiento Guerin, Maria Cecilia; Sõmera, Merike; Truve, Erkki VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

Mis on uut taimeviiruste uurimises?

Truve, Erkki Eesti Loodus 2009 / 3, lk. 13 : portr https://artiklid.elnet.ee/record=b1171593*est

Mutational analysis of Arabidopsis thaliana ABCE2 identifies important motifs for its RNA silencing suppressor function

Mõttus, Jelena; Maiste, Siim; Eek, Priit; Truve, Erkki; Sarmiento Guerin, Maria Cecilia Plant Biology 2021 / p. 21-31 : ill
<https://doi.org/10.1111/plb.13193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mutational analysis of Arabidopsis thaliana RNase L inhibitor [Online resource]

Gerassimenko, Jelena; Maiste, Siim; Truve, Erkki; Sarmiento Guerin, Maria Cecilia 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. 32-33
http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Mutational analysis of the Potyviridae transcriptional slippage site utilized for expression of the P3N-PIPO and P1N-PISPO proteins

Olsper, Allan; Carr, John P.; Firth, Andrew E. Nucleic acids research 2016 / p. 7618-7629 : ill <http://dx.doi.org/10.1093/nar/gkw441>

Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis [Online resource]

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Talts, Kristiina; Truve, Erkki; Paves, Heiti 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. 49-50
http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Overview on sobemoviruses and a proposal for the creation of the family sobemoviridae

Sõmera, Merike; Sarmiento Guerin, Maria Cecilia; Truve, Erkki Viruses 2015 / p. 3076-3115 : ill <https://doi.org/10.3390/v7062761>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

P1 - putative movement protein of sobemoviruses

Tamm, Tiina; Paves, Heiti; Meier, Merike; Truve, Erkki EMBO Workshop "Plant Virus Invasion and Host Defence" : Kolymbari, 2000 2000 / p. 23

P1 independent replication of rice yellow mottle virus in several plant species [Online resource]

Nummert, Grete; Truve, Erkki 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 / lk. 49 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

P1 protein of Cocksfoot mottle virus is indispensable for the systemic spread of the virus

Meier, Merike; Paves, Heiti; Olsper, Allan; Tamm, Tiina; Truve, Erkki Virus genes 2006 / 3, p. 321-326
<https://link.springer.com/article/10.1007/s11262-005-6917-x>

P1-independent replication and local movement of Rice yellow mottle virus in host and non-host plant species

Nummert, Grete; Sõmera, Merike; Uffert, Gabriela; Abner, Erik; Truve, Erkki Virology 2017 / p. 28-32 : ill
<https://doi.org/10.1016/j.virol.2016.12.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phosphorylation down-regulates the RNA binding function of the coat protein of potato virus A

Ivanov, K.I.; Puustinen, P.; Merits, Andres; Saarma, Mart; Mäkinen, K. Journal of biological chemistry 2001 / 17, p. 13530-13540 : ill
<https://pubmed.ncbi.nlm.nih.gov/11152464/>

Polypurine (A)-rich sequences promote crosskingdom conservation of internal ribosome entry

Dorokhov, Y.L.; Merits, Andres Proceedings of the National Academy of Sciences of the USA 2002 / 8, p. 5301-5306
<https://www.pnas.org/doi/10.1073/pnas.082107599>

Potyvirus Potato Virus A coat protein posses unusual properties and forms short virus-like particles

Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; Golanikov, A.; Järvekülg, Lilian; Baratova, Ludmila A.; Shtykova, E. 6th European Congress of Virology : Hamburg, Germany, October 19-22, 2016 : [abstracts] 2016 / p. 375

Problems on investigation and diagnosis on plant viruses in Lithuania

Staniulis, J.; Stasevicius, Z.; Urbanaviciene, L.; Samuitiene, M.; Navalinskiene, M.; Bistrickaite, G.; Saviciene, A.; Zitikaite, I.; Raugalas, J.; Jonaitis, E.; Balsys, A. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 87

Properties of cocksfoot mottle sobemovirus (CfMV) proteins

Truve, Erkki; Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K. 18th Annual Meeting of the American Society for Virology : Amherst, 1999 1999 / p. 92

Properties of cocksfoot mottle virus proteins

Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K.; Truve, Erkki 11th International Congress of Virology : Sydney, 1999 1999 / p. 68

Properties of VPg and coat protein of sobemoviruses = Sobemoviiruste VPg ja kattevalgu omadused

Olsper, Allan 2011 https://www.ester.ee/record=b2733154*est

Protein-RNA linkage and post-translational modifications of two sobemovirus VPgs

Olsper, Allan; Peil, Lauri; Hebrard, Eugenie; Fargette, Denis; Truve, Erkki Journal of general virology 2011 / p. 445-452 : ill <https://www.microbiologyresearch.org/content/journal/jgv/10.1099/vir.0.026476-0>

Proteolytic processing of potyviral proteins and polyprotein processing intermediates in insect and plant cells

Merits, Andres; Rajamäki, M.-L.; Saarma, Mart Journal of general virology 2002 / 5, p. 1211-1221 : ill <https://pubmed.ncbi.nlm.nih.gov/11961277/>

Regulation of -1 ribosomal frameshifting directed by cocksfoot mottle sobemovirus genome

Lucchesi, Jimmy; Mäkeläinen, K.; Merits, Andres; Tamm, Tiina; Mäkinen, K. European journal of biochemistry 2000 / p. 3523-3529

Regulation of VPg and replicase production during cocksfoot mottle sobemovirus infection

Mäkinen, K.; Lucchesi, Jimmy; Mäkeläinen, K.; Tamm, Tiina; Saarma, Mart 11th International Congress of Virology : Sydney, 1999 1999 / p. 301

Revisiting the origins of the Sobemovirus genus: A case for ancient origins of plant viruses

Ghafari, Mahan; Sömera, Merike; Sarmiento Guerin, Maria Cecilia; Niehl, Annette; Hebrard, Eugenie; Tsoleridis, Theocharis; Ball, Jonathan; Moury, Benoit; Lemey, Philippe; Katourakis, Aris; Fargette, Denis PLoS Pathogens 2024 / art. e1011911 <https://doi.org/10.1371/journal.ppat.1011911> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

RNA-binding activities of cocksfoot mottle sobemovirus proteins

Tamm, Tiina; Truve, Erkki Virus research 2000 / p. 197-207

Rottboellia yellow mottle virus is a distinct species within the genus Sobemovirus

Sömera, Merike; Truve, Erkki International Union of Microbiological Societies Congresses : July 27 - August 1, 2014 : IUMS 2014 : abstracts 2014 / p. 785

Sequencing and biological characterization of historical cynosurus mottle virus isolates from Germany

Frei, Martin; Sarmiento Guerin, Maria Cecilia; Kärblane, Kairi; Niehl, Annette; Sömera, Merike Archives of virology 2023 / art. 265 <https://doi.org/10.1007/s00705-023-05893-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sixty years after the first description : genome sequence and biological characterization of European wheat striate mosaic virus infecting cereal crops

Sömera, Merike; Kvamheden, Anders; Desbiez, Cecile; Sooväli, Pille; Gantsovski, Mark; Truve, Erkki Phytopathology 2020 / p. 68-79 <https://doi.org/10.1094/PHYTO-07-19-0258-FI> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sobemovirus

Meier, Merike; Olsper, Allan; Sarmiento Guerin, Maria Cecilia; Truve, Erkki Encyclopedia of virology, Third edition 2008 / p. 644-652 : ill

Sobemovirus RNA linked to VPg over a threonine residue

Olsper, Allan; Arike, Liisa; Peil, Lauri; Truve, Erkki FEBS letters 2011 / p. 2979-2985 : ill <https://pubmed.ncbi.nlm.nih.gov/21855544/>

Sobemovirus virulence protein VPg is a phosphoprotein

Olsper, Allan; Hebrard, Eugenie; Uffert, Gabriela; Kamsol, Kristjan; Peil, Lauri; Fargette, Denis; Truve, Erkki EMBO Workshop

Sobemoviruses

Tamm, Tiina; Truve, Erkki Journal of virology 2000 / p. 6231-6241

Sobemoviruses as a target for dsRNA-based vaccination in monocots

Olsper, Allan; Sömera, Merike; Sarmiento Guerin, Maria Cecilia; Truve, Erkki COST FA0806 WGs meeting: Plant virus control employing RNA-based vaccines: a novel nontransgenic strategy : [Abstract Book] : Helsinki, Finland, September 11-12, 2009 2009 / p. 21

Sobemoviruses possess a common CfMV-like genomic organization

Meier, Merike; Truve, Erkki Archives of virology 2007 / 3, p. 635-640

Sobemoviruses possess a common genome organization and a highly modified VPg protein

Olsper, Allan; Meier, Merike; Peil, Lauri; Truve, Erkki Genetic Control of Plant Pathogenic Viruses and their Vectors : towards new Resistance Strategies : El Puerto de Santa Maria, 23-27 November 2008 2008 / p. 35

Sobemoviruses: genomic organization, potential for recombination and necessity of P1 in systemic infection = Sobemovirused: genoomi organisatsioon, rekombinatsioonipotentsiaal ja valgu P1 vajalikkus süsteemseks infektsiooniks

Sömera, Merike 2010 https://www.ester.ee/record=b2561127*est

Stem-loop structure of Cocksfoot mottle virus RNA is indispensable for programmed -1 ribosomal frameshifting

Tamm, Tiina; Suurväli, Jaanus; Lucchesi, Jimmy; Olsper, Allan; Truve, Erkki Virus research 2009 / 1/2, p. 73-80 : ill

Studies on cocksfoot mottle sobemovirus (CfMV) P1 protein

Meier, Merike; Tamm, Tiina; Paves, Heiti; Truve, Erkki 19th Annual Meeting of the American Society for Virology : Fort Collins, 2000 2000 / p. 60

Subcellular localization of five potato virus A proteins

Truve, Erkki; Sarmiento Guerin, Maria Cecilia; Hunt, R.; Merits, Andres; Paves, Heiti; Järvekülg, Lilian Plant molecular biology reporter 2000 / p. S30-44

Summary of taxonomy changes ratified by the International Committee on Taxonomy of Viruses from the Plant Viruses Subcommittee, 2025

Rubino, Luisa; Abrahamian, Peter; An, Wenxia; Aranda, Miguel A.; Ascencio-Ibañez, Jose T.; Bejerman, Nicolas; Blouin, Arnaud G.; Candresse, Thierry; Canto, Tomas; Cao, Mengji; Sarmiento Guerin, Maria Cecilia; Sömera, Merike Journal of general virology 2025 / 20 p <https://doi.org/10.1099/jgv.0.002114>

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes

Sarmiento Guerin, Maria Cecilia 2008 https://www.ester.ee/record=b2367715*est

Taimeviirused lubavad abi vähi vastu : [TTÜ geenitehnoloogia instituudi uuest rakendusuuringust räägib professor Erkki Truve]

Truve, Erkki; Lõhmus, Alo Postimees 2009 / 2. veebr., lk. 5 : fot <https://www.postimees.ee/76811/taimeviirused-lubavad-abi-vahi-vastu>

Taimeviiruste ja taimede kaitsemehhanismide uurimine : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile

Truve, Erkki; Sömera, Merike; Sarmiento Guerin, Maria Cecilia Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 193-198

Teaduspreemia põllumajandusteaduste alal uurimuste tsükli "Taimeviiruste ja taimede kaitsemehhanismide uurimine" eest : Erkki Truve (kollektiivi juht), Merike Sömera, Cecilia Sarmiento

Truve, Erkki; Sömera, Merike; Sarmiento Guerin, Maria Cecilia Eesti Vabariigi teaduspreemiad 2009 / lk. 128-137 : fot

The subcellular localisation and the RNA binding properties of two nonstructural proteins of cocksfoot mottle virus (CfMV)

Tamm, Tiina; Meier, Merike; Lasn, G.; Truve, Erkki Plant molecular biology reporter 2000 / p. S30-42

The three-dimensional structure of ryegrass mottle virus at 2.9Å resolution

Plevka, Pavel; Tars, Kaspars; Zeltins, Andris; Balke, Ina; Truve, Erkki; Liljas, Lars Virology 2007 / 2, p. 364-374 : ill <https://pubmed.ncbi.nlm.nih.gov/17881031/#:~:text=The%20crystal%20structure%20of%20the,three%20of%20the%20loop%20regions.>

Translational strategies used by cocksfoot mottle virus

Tamm, Tiina; Sütt, Silva; Mäkinen, K.; Truve, Erkki EMBO Workshop "Post-transcriptional Regulation of Gene Expression in Plants" : Leysin, 1999 1999 / p. bp5

Turnip Mosaic Virus Transcriptional Slippage Dynamics and Distribution in RNA Subpopulations

Kärblane, Kairi; Olsper, Allan; Firth, Andrew E. Molecular plant-microbe interactions 2022 / p. 835-844 : ill

<https://doi.org/10.1094/MPMI-03-22-0060-R> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vector transmissibility of plant viruses

Järvekülg, Lilian; Merits, Andres; **Andrejeva, Jelena** BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 39

Vector transmissibility of plant viruses

Järvekülg, Lilian; Merits, Andres; **Andrejeva, Jelena** Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtteid 1996 / lk. 159 https://www.ester.ee/record=b1052731*est

Viruses of poaceae in Estonia identified by using the next generation sequencing [Online resource]

Sõmera, Merike; Gantsovski, Mark; Akkermann, Anna; Aun, Erki; Truve, Erkki 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. 56

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)

Содержание неорганических элементов в инокулированных листьях *Nicotiana glutinosa* L. при инфекции вирусами N и X картофеля

Hödrejärv, Ulrich; Hödrejärv, Helvi Eesti NSV Teaduste Akadeemia toimetised. Bioloogia = Известия Академии наук Эстонской ССР. Биология = Proceedings of Academy of Sciences of the Estonian SSR. Biology 1972 / с. 357-365

https://www.ester.ee/record=b1249384*est