

**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

**Biological, serological and molecular differences among isolates of potato A potyvirus**

Rajamäki, M.; **Merits, Andres**; Rabenstein, Frank; **Andrejeva, Jelena** Phytopathology 1998 / p. 311-321

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

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

**Comparison of the nucleotide sequences of the 3'-terminal regions of one aphid and two non-aphid transmissible isolates of potato A potyvirus**

Andrejeva, Jelena; Merits, Andres; Rabenstein, Frank; Puurand, Ülo; **Järvekülg, Lilian** Archives of virology 1996 / p. 1207-1219

**Complementation of the movement-deficient mutations in potato virus X : potyvirus coat protein mediates cell-to-cell trafficking of C-terminal truncation but not deletion mutant of potexvirus coat protein**

Fedorkin, N.O.; **Merits, Andres**; Lucchesi, Jimmy; Solovyev, A.G.; **Saarma, Mart**; Morozov, S.Y.; Mäkinen, K. Virology 2000 / p. 31-42

**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>

**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 propagation levels of potato virus X (PVX) isolates in PVX coat protein expressing tobacco plants and protoplasts do not correlate with coat protein sequence similarities**

Truve, Erkki; **Järvekülg, Lilian**; Bouscaren, Marie-Lise; Aaspöllu, Anu; Priimägi, Andres; Saarma, Mart Arch. phytopath. pflanz 1995 / 30, p. 15-30: ill

**Heating-induced transition of Potyvirus Potato Virus A coat protein into β-structure**

Ksenofontov, Alexander L.; Parshina, Evgenia Yu; Fedorova, Natalia V.; Arutyunyan, Alexander M.; **Rumvolt, Reet**; **Paalme, Viiu**; Baratova, Ludmila A.; **Järvekülg, Lilian**; Dobrov, Eugeny N. Journal of biomolecular structure and dynamics 2016 / p. 250-258 : ill  
<http://dx.doi.org/10.1080/07391102.2015.1022604>

**Host species-dependent and virus strain-dependent long-distance movement of potato A potyvirus**

**Andrejeva, Jelena; Merits, Andres**; Puurand, Ülo; **Järvekülg, Lilian**; **Saarma, Mart**; Valkonen, J.P.T. ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.11.29 (1 p.)

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

Oruetxebarria, I.; Guo, D.; **Merits, Andres**; Mäkinen, K.; **Saarma, Mart**; Valkonen, J.P. Virus research 2001 / p. 103-112

**Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles**

Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; **Paalme, Viiu**; **Järvekülg, Lilian** Journal of biomolecular structure and dynamics 2017 / p. 1-11 : ill <https://doi.org/10.1080/07391102.2017.1333457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Meristeemkloonide urimisel on tulevikku**

Rosenberg, Viive; **Kotkas, Katrin**; Särekanne, Marje Maamajandus 2006 / apr., lk. 33-35

<https://artiklid.elnet.ee/record=b1054055.est>

**Molecular cloning, sequencing and homology studies of potato potyvirus A (PVA) helper component gene from aphid transmissible (AT) and non-aphid transmissible (NAT) isolates**

**Andrejeva, Jelena**; Merits, Andres; Kibe, Kristiina; Puurand, Ülo; Rabenstein, Frank; **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. 51-54: ill

**Partially disordered structure in intravirion coat protein of potyvirus potato virus A**

Ksenofontov, Alexander L.; **Paalme, Viiu**; **Rumvolt, Reet**; **Järvekülg, Lilian** PLoS ONE 2013 / p. 1-7 : ill

**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/>

**рН-метрическое титрование некоторых штаммов вируса X картофеля**  
**Hödreibärv, Ulrich; Hödreibärv, Helvi** Третья Всесоюзная конференция по аналитической химии : тезисы докладов : [в 2-х частях]. Ч. 1 1979 / с. 83-85 : ил [https://www.esther.ee/record=b2633954\\*est](https://www.esther.ee/record=b2633954*est)

**Potyvirus Potato Virus A coat protein posses unusual properties and forms short virus-like particles**  
Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; Golnikov, A.; **Järvekülg, Lilian**; Baratova, Ludmila A.; Shtykova, E. 6th European Congress of Virology : Hamburg, Germany, October 19-22, 2016 : [abstracts] 2016 / p. 375

**Propagation of different potato virus X (PVX) isolates in PVX coat protein expressing tobacco plants and protoplasts**  
Truve, Erkki; **Järvekülg, Lilian**; Bouscaren, Marie-Lise; Saarma, Mart Fourth International Symposium on Positive Strand RNA Viruses, May 25-30, 1995, Jaarbeurs Congress Centre, Beatrix-building, Utrecht, The Netherlands 1995 / p. P7-58

**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/>

**RNA binding properties of potato A potyvirus encoded structural and non-structural proteins**  
**Merits, Andres**; **Saarma, Mart** ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.11.3 (1 p.)

**Self-association and mapping of interaction domains of the helper component proteinase of potato A potyvirus**  
Guo, D.; **Merits, Andres**; **Saarma, Mart** Journal of general virology 1999 / p. 1127-1131

**Studies of potato viruses : antigenic analysis, structure, transmission and detection**  
**Järvekülg, Lilian**; Andrejeva, Jelena; Merits, Andres; Kibe, Kristiina; Raudsepp, Raul; Puurand, Ülo; Rabenstein, Frank; Saarma, Mart 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. 108-111: ill

**Study of the vector-transmission mechanism of potato virus A**  
**Järvekülg, Lilian**; Merits, Andres; Kibe, Kristiina; **Andrejeva, Jelena** VIIth International Conference "Frontiers in Biochemistry and Molecular Biology the Legacy of Andrey Belozersky", Moscow, Russia, Dec. 18-23, 1995 1995 / 1

**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

**Towards a protein interaction map of potyviruses : protein interaction matrixes of two potyviruses based on yeast-two hybrid system**

Guo, D.; Rajamäki, M.-L.; **Saarma, Mart**; Valkonen, J.P.T. Journal of general virology 2001 / 4, p. 935-939 : ill  
<https://pubmed.ncbi.nlm.nih.gov/11257200/>

**Two potato proteins, including a novel RING finger protein (HIP1), interact with the potyviral multifunctional protein HCpro**

Guo, D.; Spetz, C.; **Saarma, Mart**; Valkonen, J.P. Molecular plant-microbe interactions 2003 / 5, p. 405-410  
<https://pubmed.ncbi.nlm.nih.gov/12744511/>

**Viruses in Estonian seed potatoes : strains of Potato Virus Yn**  
**Peterson, Piret**; **Järvekülg, Lilian** 16th Triennial Meeting of the EAPR Virology section of the European Association of Potato Research & 8th Annual meeting of PVY wide organization : May 31 - June 3, 2016, Ljubljana, Slovenia 2016 / p. 217

**Vpg, coat protein and five non-structural proteins of potato A potyvirus bind RNA in a sequence-unspecific manner**  
**Merits, Andres**; Deyin, G.; **Saarma, Mart** Journal of general virology 1998 / p. 3123-3127

**Интеракция ионов меди(II) и цинка(II) с вирусом X картофеля**  
**Hödreibärv, Ulrich**; Hödreibärv, Helvi Eesti NSV Teaduste Akadeemia toimetised. Bioloogia = Известия Академии наук Эстонской ССР. Биология = Proceedings of Academy of Sciences of the Estonian SSR. Biology 1983 / с. 196-199 : ил  
[https://www.esther.ee/record=b1249384\\*est](https://www.esther.ee/record=b1249384*est)

**Некоторые физико-химические свойства штаммов X-вируса картофеля, полученных путем электрофоретического фракционирования**  
**Hödreibärv, Helvi**; Olspert, K. Штаммы вирусов растений : Материалы Первого Всесоюзного совещания по штаммам вирусов растений. (23-27 октября 1975 г., Владивосток) : [Сборник статей] 1977 / с. 118-123