

Aberrant glycosylation of the anti-Thomsen-Friedenreich glycotope immunoglobulin G in gastric cancer patients
Kodar, Kristel; Izotova, Jelena; Klaamas, Kersti; Sergejev, Boriss; Järvekülg, Lilian; Kurtenkov, Oleg World journal of gastroenterology 2013 / p. 3573-3582 : ill <https://doi.org/10.3748/wjg.v19.i23.3573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antikehad, viirused, valgud uuringus, diagnostikas ja teraapias : avalik loeng 11. aprillil 2002 TTÜs
Järvekülg, Lilian Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 227-230

Applications of biotechnology in food engineering

Paalme, Toomas; Adamberg, Kaarel; Eha, Kairit; Friedenthal, Margus; Järvekülg, Lilian; Laos, Katrin; Kasemets, Kaja; Kann, Aino; Kask, Signe; Laht, Tiit-Maie; Sirendi, Meelis; Tauts, Olev; Tedersoo, Erge; Täht, Riina; Vokk, Raivo Food and nutrition = Toit ja toitumine 2002 / p. 16-30

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

Characterization of pepino mosaic virus isolated from imported tomato fruits

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

Characterization of pepino mosaic virus isolated from imported tomato fruits

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

Commercial heat treatment of oat protein fractions is possibly toxic for coeliacs

Horn, Ester; Järvekülg, Lilian Food and nutrition = Toit ja toitumine 1999 / p. 92-105: ill

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
<https://pubmed.ncbi.nlm.nih.gov/8774682/>

Detection and characterization of babesia species in ixodes ticks in Estonia

Katargina, Olga; Geller, Julia; Vasilenko, Veera; Kuznetsova, Tatiana; Järvekülg, Lilian; Vene, Sirkka; Lundkvist, Ake; Golovljova, Irina Vector-borne and zoonotic diseases 2011 / p. 923-928 <https://pubmed.ncbi.nlm.nih.gov/21395407/>

Detection and genetic characterization of Borrelia species circulating in tick population in Estonia = Eesti puugipopulatsioonis ringlevate Borrelia liikide tuvastamine ja geneetiline iseloomustus

Geller, Julia 2013 <https://digi.lib.ttu.ee/i/?940> https://www.ester.ee/record=b2999205*est

Detection and genetic characterization of relapsing fever spirochete Borrelia miyamotoi in Estonian ticks

Geller, Julia; Nazarova, Lidia; Katargina, Olga; Järvekülg, Lilian; Fomenko, Natalya; Golovljova, Irina PLoS ONE 2012 / p. e51914 : ill <https://pubmed.ncbi.nlm.nih.gov/23251652/>

Detection of cockfoot 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, 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

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; Aaspõllu, Anu; Priimägi, Andres; Saarma, Mart Arch. phytopath. pflanz 1995 / 30, p. 15-30: ill

Geenid - pärilikkuse kandjad : [teadusuuringutest TTÜs ja Keemilise ja Bioloogilise Füüsika Instituudis : vestlus Lilian Järveküljega]

Rätsep, Artur; **Järvekülg, Lilian** Mustamäe 1999 / nr. 12, dets., lk. 3: fot

Generation and characterization of a single-chain Fv antibody against Gli3, a hedgehog signaling pathway transcription factor

Laht, Silja; Meerits, Kati; Altroff, Harri; Faust, Helena; **Tsanev, Robert; Kogerman, Priit; Järvekülg, Lilian; Paalme, Viuu; Valkna, Andres; Timmusk, Sirje** Hybridoma 2008 / 3, lk. 167-174 <https://pubmed.ncbi.nlm.nih.gov/18582209/>

Generation and characterization of mouse monoclonal antibody 5E1 against human transcription factor GLI3

Hunt, Reet; Bragina, Olga; Drews, Monika; Kasak, Lagle; Timmusk, Sirje; Valkna, Andres; Kogerman, Priit; Järvekülg, Lilian Hybridoma 2007 / 3, p. 131-138 <https://www.liebertpub.com/doi/abs/10.1089/hyb.2007.0507?journalCode=hyb>

Gluteenivabad pagaritooted tsöliaakiahaigetele

Kann, Aino; Täht, Riina; Horn, Ester; Järvekülg, Lilian XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 41

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, Viuu; Baratova, Ludmila A.; Järvekülg, Lilian; Dobrov, Eugeny N.** Journal of biomolecular structure and dynamics 2016 / p. 250-258 : ill <https://doi.org/10.1080/07391102.2015.1022604> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 and structure-functional characterisation of the gene transcriptional repressor domain of human Gli proteins = Inimese Gli-alkude transkriptsioonilise repressordomeeni määramine ja struktuurilis-funktsionaalne iseloomustus

Tsanev, Robert 2014 https://www.ester.ee/record=b4412583*est

Identification of Anaplasma phagocytophilum in tick populations in Estonia, the European part of Russia and Belarus

Katargina, Olga; Geller, Julia; Alekseev, A.; Dubinina, H.; Efremova, G.; Mishaeva, N.; Vasilenko, Veera; Kuznetsova, Tatiana; Järvekülg, Lilian; Vene, Sirkka; Lundkvist, Ake; Golovljova, Irina Clinical microbiology and infection 2012 / p. 40-46 : ill <https://pubmed.ncbi.nlm.nih.gov/21199155/>

Immunoanalyses of alcohol-treated oat flour samples and their using in dietary baked products

Järvekülg, Lilian; Täht, Riina; Kann, Aino Food and nutrition = Toit ja toitumine 1997 / p. 105-120: ill https://www.ester.ee/record=b1189751*est

Immunoglobulin G glycosylation profiling in patients with gastric cancer = Immuunglobuliin G glükosüleerituse profileerimine maovähihaigetel

Kodar, Kristel 2012

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/>

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, Viuu; 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](#)

Kartuli viirushaigustest Eestis

Järvekülg, Lilian; Andrejeva, Jelena; Raudsepp, Raul; Saarma, Mart Kartuli tootmine, töötlemine ja tarbimine Eesti Vabariigis 1995 / lk. 99-102

Lahingusse nahavähi vastu elevandi, mitte hiirega : [nahavähi vastase vaktsiini loomisest räägib TTÜ geenitehnoloogia instituudi molekulaardiagnostika õppetooli juhataja professor Lilian Järvekülg]

Järvekülg, Lilian; Lõhmus, Alo Postimees 2009 / 17. märts, lk. 1 <https://tervis.postimees.ee/95099/lahingusse-nahavahi-vastu-elevandi-mitte-hiirega>

Long-Term Monitoring of Six Potato Viruses in Estonian Seed Potatoes and an Assessment of Susceptibility of Potato Varieties to PVY

Van Der Sman, Piret; Pata, Pille; Järvekülg, Lilian; Sõmera, Merike Potato Research 2025 <https://doi.org/10.1007/s11540-025-09862-0>

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

Molecular cloning, sequencing and homology studies of potato virus 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 : programme, abstracts, list of participants 1995 / p. P3

Molecular diversity of snake venom nerve growth factors

Trummal, Katrin; Tõnismägi, Külli; Paalme, Viiu; Järvekülg, Lilian; Siigur, Jüri; Siigur, Ene Toxicon 2011 / p. 363-368 : ill <https://www.sciencedirect.com/science/article/pii/S0041010111002236>

Nerve growth factor from Vipera lebetina venom

Paalme, Viiu; Trummal, Katrin; Samel, Mari; Tõnismägi, Külli; Järvekülg, Lilian; Vija, Heiki; Subbi, Juhan; Siigur, Jüri; Siigur, Ene Toxicon 2009 / 3, p. 329-336 : ill <https://www.sciencedirect.com/science/article/pii/S0041010109002438>

Partially disordered structure in intravirus coat protein of potyvirus potato virus A

Ksenofontov, Alexander L.; Paalme, Viiu; Rumvolt, Reet; Järvekülg, Lilian PLoS ONE 2013 / p. 1-7 : ill <https://doi.org/10.1371/journal.pone.0067830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential of in vitro expanded NK cells as a highly cytotoxic tool for fighting melanoma

Värv, Kairi; Rumvolt, Reet; Järvekülg, Lilian; Drews, Monika; Ehin, Riin Journal for clinical studies 2014 / p. 46-51

Potyvirus helper component-proteinase and coat protein (CP) have coordinated functions in virus-host interactions and the same CP motif affects virus transmission and accumulation

Andrejeva, Jelena; Puurand, Ülo; Merits, Andres; Rabenstein, Frank; Järvekülg, Lilian; Valkonen, J.P.T. Journal of general virology 1999 / p. 1133-1139 https://www.researchgate.net/publication/12942693_Potyvirus_helper_component-proteinase_and_coat_protein_CP_have_coordinated_functions_in_virus-host_interactions_and_the_same_CP_motif_affects_virus_transmission_and_accumulation

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

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

PVA-VLP based melanoma peptide vaccine trial on mice : [poster abstract]

Papkina, Jekaterina; Paalme, Viiu; Pahtma, Merlis; Nutt, Anu; Viisileht, Edda; Roos, Kristine; Järvekülg, Lilian; Rüütel Boudinot, Sirje Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia 2013 / p. 33

Regulator of G protein signalling 16 is a target for a porcine circovirus type 2 protein

Timmusk, Sirje; Merlot, Elodie; Lövgren, Tanja; Järvekülg, Lilian; Berg, Mikael; Fossum, Caroline Journal of general virology 2009 / 10, p. 2425-2436 : ill <https://pubmed.ncbi.nlm.nih.gov/19570954/>

The role of Sonic Hedgehog pathway in neuro- and tumorigenesis = Sonic Hedgehogi signaaliraja roll neurogeneesis ja vähi tekkes

Bragina, Olga 2010 <https://digi.lib.ttu.ee/i/?502> https://www.ester.ee/record=b2615858*est

Similarities and differences of snake venom nerve growth factors

Trummal, Katrin; Tõnismägi, Külli; Bragina, Olga; Paalme, Viiu; Järvekülg, Lilian; Siigur, Jüri; Siigur, Ene 17th Congress of the European Section of the International Society on Toxinology : September 11-15, 2011, Valencia, Spain : program & abstracts book 2011 / p. 158

Sonic Hedgehog pathway activity in prostate cancer

Bragina, Olga; Njukova, Natalja; **Sergejeva, Svetlana; Järvekülg, Lilian; Kogerman, Priit** Oncology letters 2010 / 2, p. 319-325 : ill
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3436354/>

Structure of potato virus a coat protein particles and their dissociation

Ksenofontov, Alexander L.; Dobrov, Eugenie N.; Fedorova, Nataliya V.; Arutyunyan, Alexander Migrantovich; Golanikov, Andrey E.;
Järvekülg, Lilian; Shtykova, Eleonora Vladimirovna Molecular Biology 2018 / p. 913-921 <https://doi.org/10.1134/S0026893318060109>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 : programme, abstracts, list of participants 1995 / p. 1

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** VIth 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

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; **Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki** American Society for Virology Scientific Program and Abstracts : 19th Annual Meeting : Colorado State University, Fort Collins, Colorado, July 8-12, 2000 2000 / p. 92

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; **Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki** 5th Congress of the European Foundation for Plant Pathology : Taormina-Giardini-Naxos, 2000 2000 / p. 16

Ternespiima unikaalne koostis ja kasutamise võimalused toidulisandina

Friedenthal, Margus; Järvekülg, Lilian; Vaino, Anneli; Talli, Kairi Food and nutrition = Toit ja toitumine 2001 / lk. 5-22

3' terminal sequence analysis and homologies for two members of genus Rymovirus (Potyviridae)

Merits, Andres; **Andrejeva, Jelena**; Kibe, Kristiina; Rabenstein, Frank; Proll, Eckhard; **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. 120-123: ill

3' terminal sequence analysis and homologies for two members of genus Rymovirus (Potyviridae)

Merits, Andres; **Andrejeva, Jelena**; Kibe, Kristiina; Rabenstein, Frank; Proll, Eckhard; **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. P18

Tick-borne pathogens circulating in Estonia (tick-borne encephalitis virus, Anaplasma phagocytophilum, Babesia species): their prevalence and genetic characterization = Eestis tsirkuleerivate puukide ülekantavad patogeensed (puukentsefaliidiviirus, Anaplasma phagocytophilum, Babesia liigid): nende levik ja geneetiline iseloomustus

Katargina, Olga 2011 https://www.ester.ee/record=b2696389*est

Tick-borne pathogens in ticks feeding on migratory passerines in western part of Estonia

Geller, Julia; Nazarova, Lidia; Katargina, Olga; Leivits, Agu; **Järvekülg, Lilian**; Golovljova, Irina Vector-borne and zoonotic diseases 2013 / p. 443-448 <https://doi.org/10.1089/vbz.2012.1054> [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

Vipera lebetina venom nerve growth factor

Siigur, Ene; **Paalme, Viiu; Trummal, Katrin**; Tõnismägi, Külli; **Järvekülg, Lilian**; Subbi, Juhan; Siigur, Jüri 16th European Section Meeting of the International Society on Toxinology : Leuven, Belgium, 7-10 September 2008 : book of abstracts 2008 / p. 55

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