

A novel sweet potato potyvirus open reading frame (ORF) is expressed via polymerase slippage and suppresses RNA silencing

Untiveros, Milton; **Olsper, Allan**; Artola, Katrin; Firth, Andrew E.; Kreuze, Jan F.; Valkonen, Jari P.T. Molecular plant pathology 2016 / p. 1111-1123 : ill <https://doi.org/10.1111/mpp.12366>

ABCE1 is a highly conserved RNA silencing suppressor

Kärblane, Kairi; **Gerassimenko, Jelena**; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia NordForsk C. elegans Network Meeting 2013 : Denmark, March 8-10 2013 2013

ABCE1 is a highly conserved RNA silencing suppressor

Kärblane, Kairi; **Gerassimenko, Jelena**; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** PLoS ONE 2015 / p. 1-17 : ill

ABCE1 is a highly conserved RNA silencing suppressor

Kärblane, Kairi; **Gerassimenko, Jelena**; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** EMBO/EMBL Symposium The Complex Life of mRNA : 5-8 October 2014, EMBL Heidelberg, Germany 2014 / p. 292

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

Accelerated RNA-RNA hybridization by concentrated guanidinium thiocyanate solution in single-step RNA isolation : [letter to the editor]

Mölder, Triin; **Speek, Mart** Biotechniques 2016 / p. 61-65 : ill <http://dx.doi.org/10.2144/000114441>

Affinity of zinc and copper ions for insulin monomers

Gavrilova, Julia; **Tõugu, Vello**; **Palumaa, Peep** Metallomics 2014 / p. 1296-1300 : ill

Ajud - 21. sajandi Eesti tähtsaim loodusvara : ettekanne visioonikonverentsil 2006 "Sünergiline Tallinn"

Saarma, Mart Hea linn : Tallinna visioonikonverentsid 2013 / lk. 125-131

Ajud - XXI sajandi Eesti tähtsaim loodusvara

Saarma, Mart Sünergiline Tallinn : Tallinna visioonikonverents : 23. novembril 2006 Eesti Draamateatris 2007 / lk. 11-16 https://artiklid.elnet.ee/record=b2610542*est

Alternative splicing in health and disease = Alternatiivne splaising haiges ja terves koes

Kazantseva, Anna 2015 <https://digi.lib.ttu.ee/i/?3954> https://www.ester.ee/record=b4532797*est

Alternative splicing of DENND1A, a PCOS candidate gene, generates variant 2

Tee, Meng Kian; **Speek, Mart**; Legeza, Balazs Molecular and cellular endocrinology 2016 / p. 25-35 : ill <http://dx.doi.org/10.1016/j.mce.2016.06.011>

Alternative splicing of TAF4 : a dynamic switch between distinct cell functions = TAF4 alternatiivne splaising kui raku funktsioonide dünaamilise reguleerimise lüüti

Kazantseva, Jekaterina 2014 https://www.ester.ee/record=b4437535*est

Amino acid profiling in human follicular fluid and plasma of IVF patients

Kirsipuu, Tiina; Laks, Katrina; Velthut, Agne; **Palumaa, Peep** FEBS journal 2013 / p. 282

Amyloid beta 1-42 oligomerization in vitro and characterization with SDS-PAGE, MALDI and ESI MS

Friedemann, Merlin; **Tõugu, Vello**; Kirsipuu, Tiina; **Palumaa, Peep** FEBS journal 2013 / p. 140-141

Analysis of energy fluxes in colorectal cancer saponin skinned tissues and Caco-2 cells

Ševtšuk, Igor; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; **Õunpuu, Ljudmila** MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 2015 / p. 35-36 : ill http://www.bioblast.at/index.php/Shevchuk_2015_Abstract_MiP2015

Analysis of maize meiotic mutants to fix heterosis

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 42 http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

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

AP-1 transcription factors mediate BDNF-positive feedback loop in cortical neurons

Tuvikene, Jürgen; Pruunsild, Priit; Orav, Ester; Esvald, Eli-Eelika; Timmusk, Tõnis Journal of neuroscience 2016 / p. 1290-1305 : ill <https://doi.org/10.1523/JNEUROSCI.3360-15.2016>

Arabidopsis class XI myosins display partially redundant functions in the differentiation of epidermal cells as well as of reproductive organs

Ojangu, Eve-Ly; Järve, Kristel; Paves, Heiti; Truve, Erkki 9. Plant Genomics European Meeting. Istanbul, May 4-7 2011 / p. 82

Arabidopsis myosins XI1, XI2, and XIK are crucial for gravity-induced bending of inflorescence stems

Talts, Kristiina; Ilau, Birger; Ojangu, Eve-Ly; Tanner, Krista; Peremyslov, Valera V.; Dolja, Valerian V.; Truve, Erkki; Paves, Heiti Frontiers in plant science 2016 / art. 1932, p. 1-12 : ill <https://doi.org/10.3389/fpls.2016.01932>

Assessment of blood contamination in biological fluids using MALDI-TOF MS

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep The protein journal 2016 / 171-176 <https://doi.org/10.1007/s10930-016-9657-y>

Assessment of blood contamination in biological fluids using MALDI-TOF MS

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep FEBS journal 2013 / p. 489

Aul vajab kaitset

Rammul, Üllar Eesti Jahimees 2014 / lk. 28-29

BAC-based cellular model for screening regulators of BDNF gene transcription

Jaanson, Kaur; Sepp, Mari; Aid-Pavlidis, Tamara; Timmusk, Tõnis BMC neuroscience 2014 / p. 1-12 : ill

Biokeemia : lühikursus : õpik kõrgkoolidele

Tymoczko, John L; Berg, Jeremy M; Stryer, Lubert 2016

Biomolecular interpretation of the Trojan horse myth : use of Ustilago maydis to analyze the function of maize (Zea mays) MAC1

Linde, Karina van der; Egger, Rachel L.; Timofejeva, Ljudmilla 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 50 http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Biophysical studies of the amyloid beta-peptide : interactions with metal ions and small molecules

Wärmländer, Sebastian; Tiiman, Ann; Abelein, Axel Chembiochem : a European journal of chemical biology 2013 / p. 1692-1704 : ill

Borrelia burgdorferi sensu lato prevalence in tick populations in Estonia

Geller, Julia; Nazarova, Lidia; Katargina, Olga; Golovljova, Irina Parasites and vectors 2013 / p. 1-10 : ill

B-plexins control microtubule dynamics and dendritic morphology in co-operation with end-binding proteins

Laht, Piret; Pill, Kaie; Haller, Elina; Remm, Jaanus; Veske, Andres Semaphorin function & mechanism of action : EMBO workshop : 29-31 October 2013, Cernay-la-Ville, France 2013

B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons

Laht, Piret; Otsus, Maarja; Remm, Jaanus; Veske, Andres Experimental cell research 2014 / p. 174-184 : ill

B-plexins regulate the maturation of neurons through microtubule dynamics = B-pleksiinid mõjutavad mikrotorukeste liikumise kaudu närvirakkude küpsemist

Laht, Piret 2015 <https://digi.lib.ttu.ee/i/?3427>

Capillary electrophoretic study of the synergistic biological effects of alkaloids from Chelidonium majus L. in normal and cancer cells

Kulp, Maria; Bragina, Olga Analytical and bioanalytical chemistry 2013 / p. 3391-3397 : ill

The CB₁ cannabinoid receptor signals striatal neuroprotection via a PI3K/Akt/mTORC1/BDNF pathway

Blazquez, C.; Chiarlone, A.; Pruunsild, Priit; Timmusk, Tõnis Cell death and differentiation 2015 / p. 1618-1629 : ill <https://doi.org/10.1038/cdd.2015.11>

CD44 controls endothelial proliferation and functions as endogenous inhibitor of angiogenesis : [Online resource]

Pink, Anne; Školnaja, Marianna; Päll, Taavi; Valkna, Andres bioRxiv 2016 / 19 p. : ill <https://doi.org/10.1101/049494>

Centre of Excellence in Environmental Adaptation launched in Estonia
Truve, Erkki; Niinemets, Ülo EPSO news 2012 / p. 6

Characterization of new allele influencing flowering time in bread wheat introgressed from *Triticum militinae*
Ivančova, Zuzana; Jakobson, Irena; Reis, Diana; Järve, Kadri New biotechnology 2016 / p. 718-727 : ill
<http://dx.doi.org/10.1016/j.nbt.2016.01.008>

Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS
Sankovski, Eve; Karro, Kristiina; Sepp, Mari; Kurg, Reet; Ustav, Mart; Abro, Aare Nucleus 2015 / p. 289-300 : ill
<http://dx.doi.org/10.1080/19491034.2015.1074359>

Characterization of the oligoadenylate synthetase subgroup from phylum Porifera = Hõimkonna Porifera oligoadenülaadi süntetaaside alamrühma iseloomustamine
Päri, Mailis 2014 <https://digi.lib.ttu.ee/i/?1821> https://www.ester.ee/record=b4439680*est

Chromosome variant 1qh- and its influence on the 3D organization of chromosome 1 heterochromatin in interphase nucleus of patients with endometriosis
Mikelsaar, Ruth; Paves, Heiti; Org, Katrin; Mikelsaar, Aavo-Valdur Journal of genetics 2014 / p. 219-223 : ill

Chronic pain after lower abdominal surgery : do catechol-O-methyl transferase/opioid receptor μ -1 polymorphisms contribute?
Kolesnikov, Yuri; Gabovits, Boris; Levin, Ariel; Veske, Andres; Qin, Li; Dai, Feng; Belfer, Inna Molecular pain 2013 / p. 1-7

Citizen science reveals unexpected continental-scale evolutionary change in a model organism
Silvertown, Jonathan; Cook, Lawrence; Cameron, Robert; Dodd, Mike; McConway, Kevin; Worthington, Jenny; Skelton, Peter; Anton, Christian; Bossdorf, Oliver; Baur, Bruno; Schilthuizen, Menno; Fontaine, Benoit; Sattmann, Helmut; Bertorelle, Giorgio; Correia, Maria; Oliveira, Cristina; Pokryszko, Beata; Ozgo, Małgorzata; Stalažs, Arturs; Gill, Eoin; Rammul, Üllar; Sólýmos, Peter; Féher, Zoltan; Juan, Xavier PLoS ONE 2011 / art. e18927, p. 1-8 <https://doi.org/10.1371/journal.pone.0018927>

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 / p. 1-10 : ill

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

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

Combination of native and denaturing PAGE for the detection of protein binding regions in long fragments of genomic DNA
Kaer, Kristel; Speek, Mart Gene regulation : methods and protocols 2013 / p. 169-181 : ill

Combined approaches toward mapping and cloning of powdery mildew resistance gene QPm.tut-4A introgressed to bread wheat from *T. militinae*
Kladivova, Monika; Klocova, Barbora; Reis, Diana; Jakobson, Irena; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla Abstracts of the Plant and Animal Genome XX Conference : San-Diego California, US 2012 / p. 313

Comparative analysis of some aspects of mitochondrial metabolism in differentiated and undifferentiated neuroblastoma cells
Klepinin, Aleksandr; Kaldma, Andrus; Koit, Andre Journal of bioenergetics and biomembranes 2014 / p. 17-31 : ill

Comparative study reveals better far-red fluorescent protein for whole body imaging

Luker, K. E.; Pata, Pille; Pata, Illar Scientific reports 2015 / p. 1-9 : ill <http://dx.doi.org/10.1038/srep10332>

Comprehensive elucidation of amino acid profile in human follicular fluid and plasma of in vitro fertilization patients

Kirsipuu, Tiina; Laks, Katrina; Velthut-Meikas, Agne; Levkov, Lev; Salumets, Andres; Palumaa, Peep Gynecological endocrinology 2015 / p. 9-17 : ill <http://dx.doi.org/10.3109/09513590.2015.1085186>

Construction of physical map for the locus introgressed to bread wheat from *Triticum militinae* conferring powdery mildew resistance

Komínková, E.; Klocová, B.; Abrouk, Michael; Posti, Diana; Jakobson, Irena; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla Cereals for Food, Feed and Fuel - Challenge for Global Improvement : EUCARPIA Cereals Section - ITMI Joint Conference : Wernigerode, Germany, June 29 - July 4, 2014 : book of abstracts 2014 / p. 114 http://meetings.ipk-gatersleben.de/EUCARPIA_ITMI_2014/book_of_abstracts.pdf

Copper chaperones. The concept of conformational control in the metabolism of copper

Palumaa, Peep FEBS letters 2013 / p. 1902-1910 : ill

Copper(II) ions and the Alzheimer's amyloid- β peptide : affinity and stoichiometry of binding

Tõugu, Vello; Friedemann, Merlin; Tiiman, Ann; Palumaa, Peep AIP conference proceedings 2014 / p. 109-111

Corticosterone induces DNA methyltransferases expression in rat cortical neurons

Urb, Mari; Anier, Kaili; Matsalu, Terje; Aonurm-Helm, Anu; Timmusk, Tõnis SpringerPlus 2015 / p. 30, P50 <http://dx.doi.org/10.1186/2193-1801-4-S1-P50>

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

Voloudakis, Andreas; Truve, Erkki FESPB-EPSO Plant Biology Congress : Freiburg, 29 July-3 August 2012 2012 / p. 739

CXXC peptide motif from mesencephalic astrocyte-derived neurotrophic factor (MANF) antagonizes apoptotic and necroptotic death and has anti-oxidant activity

Bozok, V.; Palgi, Jaan; Arumäe, Urmas Neurodegenerative diseases 2015 / p. 1829 <http://dx.doi.org/10.1159/000381736>

Cytological characterization and allelism testing of anther developmental mutants identified in a screen of maize male sterile lines

Timofejeva, Ljudmilla; Skibbe, David; Lee, Sidae G3 : genes, genomes, genetics 2013 / p. 231-249 : ill

Deciphering molecular basis of Schwann cell development = Schwanni rakkude arengu molekulaarse mehhanismide selgitamine

Piirsoo, Marko; Timmusk, Tõnis; Meijer, Dies 2009 https://www.ester.ee/record=b2546066*est

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

Development of bacterial biosensors and human stem cell-based in vitro assays for the toxicological profiling of synthetic nanoparticles = Rekombinantsetel sensorbakteritel ja inimese tüvirakkudel põhinevate in vitro testide väljatöötamine sünteetiliste nanoosakeste toksikoloogiliseks uurimiseks

Bondarenko, Olesja 2012 <https://digi.lib.ttu.ee/i/?794>

Developmental defects in *Arabidopsis* caused by multiple knockdowns of myosin genes

Ojangu, Eve-Ly VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

Diagnostic significance of alternative splice variants of REST and DOPEY1 in the peripheral blood of patients with breast cancer

Lend, Ave Kris; Kazantseva, Anna; Kivil, Anri; Valvere, Vahur; Palm, Kaia Tumor biology 2014 / p. 2473-2480 : ill

Differential regulation of *Bdnf* expression in cortical neurons by class-selective histone deacetylase inhibitors

Koppel, Indrek; Timmusk, Tõnis Neuropharmacology 2013 / p. 106-115 : ill

Diversity in TAF proteomics : consequences for cellular differentiation and migration

Kazantseva, Jekaterina; Palm, Kaia International journal of molecular sciences 2014 / p. 16680-16697 : ill <http://dx.doi.org/10.3390/ijms150916680>

Eesti autori geneetikaõpik

Effect of agitation on the peptide fibrillization: Alzheimer's amyloid- β peptide 1-42 but not amylin and insulin fibrils can grow under quiescent conditions

Tiiman, Ann; Noormägi, Andra; Friedemann, Merlin; Krištal, Jekaterina; Palumaa, Peep; Tõugu, Vello Journal of peptide science 2013 / p. 386-391 : ill

Effect of methionine-35 oxidation on the aggregation of amyloid- β peptide

Friedemann, Merlin; Helk, Eneken; Tiiman, Ann; Zovo, Kairit; Palumaa, Peep; Tõugu, Vello Biochemistry and biophysics reports 2015 / p. 94-99 : ill <http://dx.doi.org/10.1016/j.bbrep.2015.07.017>

Efficacy and epigenetic interactions of novel DNA hypomethylating agent guadecitabine (SGI-110) in preclinical models of hepatocellular carcinoma

Jueliger, Simone; Lyons, John; Cannito, Sara; Pata, Illar; Pata, Pille; Školnaja, Marianna Epigenetics 2016 / p. 709-720 : ill <http://dx.doi.org/10.1080/15592294.2016.1214781>

Efficiency of the Triticum militinae-derived powdery mildew resistance gene QPm.tut-4A on different genetic backgrounds

Jakobson, Irena; Islamov, Bulat; Tsõmbalova, Jelena; Timofejeva, Ljudmilla; Järve, Kadri International Conference Plant Diseases and Resistance Mechanisms : programme and abstracts : Vienna, Austria, 20-22 February 2013 2013 / p. 52 <http://www.viscea.org/new/conferences/2013/Abstract%20books/Abstract%20BOOK%20PDKsyu.pdf>

Efficient use of a translation start codon in BDNF exon I

Koppel, Indrek; Tuvikene, Jürgen; Lekk, Ingrid; Timmusk, Tõnis Journal of neurochemistry 2015 / p. 1015-1025 : ill <http://dx.doi.org/10.1111/jnc.13124>

Endothelial-specific regulation of vessel formation : role of receptor tyrosine kinases

Valdre, Eola; Valdre, Eola vt.ka Kukk, Eola 2000 http://www.eester.ee/record=b1388804*est

Enzymatically active 2',5'-oligoadenylate synthetases are widely distributed among Metazoa, including protostome lineage

Päri, Mailis; Kuusksalu, Anne; Lopp, Annika; Hansen Kjaer, Karina; Justesen, Just; Kelve, Merike Biochimie 2014 / p. 200-209 : ill

Estonian research infrastructures roadmap – plant biology infrastructure among the chosen 20 infrastructures supported in Estonia

Truve, Erkki EPSO news 2011 / p. 8 : ill

Evaluation of the microbial community in industrial rye sourdough upon continuous back-slopping propagation revealed Lactobacillus helveticus as the dominant species

Viiard, Ene; Mihhalevski, Anna; Rühka, Tiina; Paalme, Toomas; Sarand, Inga Journal of applied microbiology 2013 / p. 404-412 : ill

Evolution of bacterial consortia in spontaneously started rye sourdoughs during two months of daily propagation

Bessmeltseva, Marjanna; Viiard, Ene; Simm, Jaak; Paalme, Toomas; Sarand, Inga PLoS ONE 2014 / p. 1-12 : ill

Exploring the conserved role of MANF in the unfolded protein response in Drosophila melanogaster

Lindström, Riitta; Lindholm, Päivi; Kallijärvi, Jukka; Palgi, Mari; Saarma, Mart; Heino, Tapio I. PLoS ONE 2016 / art. e0151550, p. 1-18 : ill <http://dx.doi.org/10.1371/journal.pone.0151550>

Fermentation patterns of mature laboratory rye sourdoughs

Viiard, Ene; Bessmeltseva, Marjanna; Sarand, Inga TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Fibrillization of the mixtures of amyloid beta 1-40 and 1-42

Krištal, Jekaterina; Friedemann, Merlin; Tõugu, Vello; Palumaa, Peep Neurodegenerative diseases 2015 / p. 364 <http://dx.doi.org/10.1159/000381736>

First report of Brome mosaic virus in wheat in Estonia

Sõmera, Merike; Gantsovski, Mark; Truve, Erkki; Sooväli, Pille Plant disease 2016 / p. 2175 <http://dx.doi.org/10.1094/PDIS-04-16-0426-PDN>

Forkhead transcription factor FOXO3a levels are increased in Huntington disease because of overactivated positive autofeedback loop

Kannike, Kaja; Sepp, Mari; Zuccato, Chiara; Cattaneo, Elena; Timmusk, Tõnis Journal of biological chemistry 2014 / p. 32845-32857 : ill

Formation of [4Fe-4S] clusters in the mitochondrial iron-sulfur cluster assembly machinery

Branaccio, Diego; Zovo, Kairit; Palumaa, Peep Journal of the American Chemical Society 2014 / p. 16240-16250 : ill

Fragment-based QSAR approach for novel indole-like TrkA receptor antagonist

Tammiku-Taul, Jaana; Dobchev, Dimitar Atanasov; Karelson, Mati; Timmusk, Tõnis; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Kananovich, Dzmitry; Noole, Artur; Kanger, Tõnis; Lopp, Margus 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015) : Chios, Greece, June 21-25, 2015 : book of abstracts 2015 / p. 68

Functional characterization of the cellular copper proteome = Rakulise vase proteoomi funktsionaalne iseloomustamine

Zovo, Kairit 2011

Functions of the basic helix-loop-helix transcription factor TCF4 in health and disease = Aluselise heeliks-ling-heeliks transkriptsioonifaktori TCF4 funktsioonid ja seosed haigustega

Sepp, Mari 2012

Füüsilised tõendid isikuvastaste kuritegude lahendamisel

Tiks, Tanel; Aaspõllu, Anu 2015 https://www.ester.ee/record=b4453320*est

GABA receptor ρ subunit expression in the developing rat brain

Alakuijala, Anniina; Palgi, Mari; Wegelius, Katri; Schmidt, Matthias; Enz, Ralf; Paulin, Lars; Saarma, Mart; Pasternack, Michael Brain research : developmental brain research 2005 / p. 15-23 <https://doi.org/10.1016/j.devbrainres.2004.09.010>

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

Genes regulated by estrogen and progesterone in human endometrium = Östradiooli ja progesterooni reguleeritud geenid inimese endomeetriumis

Rosenstein, Karin 2016

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

Genus Sobemovirus

Truve, Erkki Viruses and virus diseases of Poaceae (Gramineae) 2004 / p. 418-422 : 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

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
<http://dx.doi.org/10.1080/07391102.2015.1022604>

Hepatitis E virus in domestic pigs, wild boars, pig farm workers, and hunters in Estonia

Ivanova, A.; Värvi, K; Jokelainen, P; Lassen, B; Viltrop, A; Golovljova, Irina VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

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; Peuşa, 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

Histone variant macroH2A1 marks liver aging and orchestrates the escape from senescence induced by DNA hypomethylation in hepatocellular carcinoma

Vinciguerra, Manlio; Borghesan, Michela; Pata, Illar FASEB journal 2015 / p. LB445
http://www.fasebj.org/content/29/1_Supplement/LB445.abstract?sid=be8d3cfd-d355-472f-85cd-be98cdd4e074

HsRLI is the first human endogenous suppressor of RNA silencing identified

Kärblane, Kairi; Gerassimenko, Jelena; Maloverjan, Alla; Smialowska, Agata; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin,

Maria Cecilia Keystone Symposia : Mechanism and Biology of Silencing. Monterey, CA 2011

Immunoglobulin G glycosylation profiling in patients with gastric cancer = Immuunglobuliin G glükosüleerituse profileerimine maovähahaigetel
Kodar, Kristel 2012

Improving the sensitivity of bacterial bioreporters for heavy metals

Hynninen, Anu; **Tönismann, Karmen**; Virta, Marko Bioengineered Bugs 2010 / p. 132-138 <https://doi.org/10.4161/bbug.1.2.10902>

In silico identification and characterization of wheat 4AL - Triticum militinae introgression

Abrouk, Michael; Šimková, H.; Martis, M. M.; Pingault, L.; **Jakobson, Irena**; **Järve, Kadri** Cereals for Food, Feed and Fuel - Challenge for Global Improvement : EUCARPIA Cereals Section - ITMI Joint Conference : Wernigerode, Germany, June 29 - July 4, 2014 : book of abstracts 2014 / p. 303 http://meetings.ipk-gatersleben.de/EUCARPIA_ITMI_2014/book_of_abstracts.pdf

In vitro fibrillization of Alzheimer's amyloid- β peptide (1-42)

Tiiman, Ann; **Krištal, Jekaterina**; **Palumaa, Peep**; **Tõugu, Vello** AIP advances 2015 / p. 092401-1 - 092401-12 : ill <http://dx.doi.org/10.1063/1.4921071>

Indole-like Trk receptor antagonists

Tammiku-Taul, Jaana; **Park, Rahel**; **Jaanson, Kaur**; **Luberg, Kristi**; **Dobchev, Dimitar Atanasov**; **Kananovich, Dzmitry**; **Noole, Artur**; **Mandel, Merle**; **Kaasik, Allen**; **Lopp, Margus**; **Timmusk, Tõnis**; **Karelson, Mati** European journal of medicinal chemistry 2016 / p. 541-552 : ill <https://doi.org/10.1016/j.ejmech.2016.06.003>

In-silico identification and characterization of wheat 4AL - Triticum militinae Introgression

Abrouk, Michael; **Jakobson, Irena**; **Järve, Kadri** XXII International Plant & Animal Genome Conference : January 10-14, 2014, San Diego, CA, USA : [abstracts] 2014 / p. P214

Insulin fibrillization at acidic and physiological pH values is controlled by different molecular mechanisms

Noormägi, Andra; **Valmsen, Karin**; **Tõugu, Vello**; **Palumaa, Peep** The protein journal 2015 / p. 398-403 : ill <http://dx.doi.org/10.1007/s10930-015-9634-x>

Interactions of Alzheimer's amyloid- β peptides with Zn(II) and Cu(II) ions = Alzheimeri amüloid- β peptiidide interaktsioonid Zn(II) ja Cu(II) ioonidega

Tiiman, Ann 2012 https://www.ester.ee/record=b2866174*est

Interplay between myosins and auxin in Arabidopsis

Talts, Kristiina; **Ojangu, Eve-Ly**; **Ihoma, E.**; **Paves, Heiti**; **Truve, Erkki** 7th EPSO Conference Plants for a Greening Economy : Porto Heli, Greece, 01-04 September 2013 2013 / p. 144

Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge Ephydatia fluviatilis

Karlep, Liisi; **Reintamm, Tõnu**; **Kelve, Merike** PLoS ONE 2013 / p. 1-12 : ill

Introducing Pitt-Hopkins syndrome-associated mutations of TCF4 to Drosophila daughterless

Tamberg, Laura; **Sepp, Mari**; **Timmusk, Tõnis**; **Palgi, Mari** Biology open 2015 / p. 1762-1771 : ill <http://dx.doi.org/10.1242/bio.014696>

Introducing Pitt-Hopkins Syndrome-associated mutations of TCF4 to Drosophila daughterless : [conference paper]

Palgi, Mari; **Tamberg, Laura**; **Timmusk, Tõnis** VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

Investigation of properties and reaction mechanisms of redox-active proteins by ESI MS = Redoks-aktiivsete valkude omaduste ja reaktsioonimehhanismide uurimine ESI-MS abil

Smirnova, Julia 2013 https://www.ester.ee/record=b2965120*est

Is the maize ortholog of the yeast Pch2 (Pachytene checkpoint 2) involved in meiotic surveillance?

Timofejeva, Ljudmilla; **Golubovskaya, Inna**; **Relvik, Tõnis**; **Pawlowski, W.**; **Truve, Erkki** EMBO Meiosis Conference 2015 : St Catherine's College, Oxford, UK 2015 / p. 183

Juhtkiri : Tehnikaülikool on Eesti ühiskonna arengu mootor. [Arvamusi Alar Kolgilt, Kalle Tammemäelt, Erkki Truvelt ja Marko Piirsoolt]

Kolk, Alar; **Tammemäe, Kalle**; **Truve, Erkki**; **Piirsoo, Marko** Mente et Manu 2011 / lk. 2 : fot https://www.ester.ee/record=b1242496*est

3. osa. Ensüümatalüüsi põhimõisted ja kineetika

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 67-127 : ill

Kuidas hinnata GMOde mõju inimestele ja loodusele = Как оценивать влияние ГМО на человека и природу

2008 http://www.ester.ee/record=b2464450*est

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

Tõnismann, 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]

Tõnismann, 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

Lawsonia intracellularis and porcine circovirus type-2 infection in Estonia

Järveots, Tõnu; Saar, Tiit; Põdersoo, Diivi; **Rüütel Boudinot, Sirje** Polish journal of veterinary sciences 2016 / p. 291-301 : ill

<https://doi.org/10.1515/pjvs-2016-0036>

Lisad, sõnastik, ülesannete vastused, indeks

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / [87] lk. : ill

Loodusteadusi tulevad õppima head "rebased"

Truve, Erkki Postimees 2011 / lk. 10

Loomaaias saab loomi õppida läbi emakeele ja matemaatika

Rammul, Üllar Keskkonnaharidusleht 2010 / lk. 6 http://www.ester.ee/record=b2532423*est <http://www.digar.ee/viewer/et/nlib-digar:246250/271914/page/6>

Luminescent recombinant sensor bacteria for the analysis of bioavailable heavy metals

Ivask, Angela 2006 https://www.ester.ee/record=b2158067*est

LXXLL peptide converts transportan 10 to a potent inducer of apoptosis in breast cancer cells

Tints, Kairit; Prink, Madis; Neuman, Toomas; **Palm, Kaia** International journal of molecular sciences 2014 / p. 5680-5698 : ill

Lynch syndrome mutations shared by the Baltic States and Poland

Dymerska, D.; **Kelve, Merike** Clinical genetics 2014 / p. 190-193 : ill

Mass-spectrometric analysis of sobemovirus VPg-s reveals an unusual diversity and a novel chemical bond between RNA and a protein

Olsper, Allan; **Uffert, Gabriela**; **Kamsol, Kristjan**; Peil, Lauri; **Truve, Erkki** Green viruses, from gene to landscape : Embo workshop : 7-11 September 2013, Hyères-les-Palmiers, France : programme and abstracts book 2013 / p. 47

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

Matemaatika-loodusteaduskond

Muks, Elvi; **Kelve, Merike**; **Lille, Ülo** Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 72-78 : ill

https://www.ester.ee/record=b2412718*est

Medical colloids in design of mammalian serum-free media

Voodla, Karoli; **Rumvolt, Reet**; Aints, Alar; Drews, Monika International journal of emerging trends in pharmaceutical sciences 2014 / p. 1-4 : ill

Metallothionein 2A affects the cell respiration by suppressing the expression of mitochondrial protein cytochrome c oxidase subunit II

Bragina, Olga; **Gurjanova, Karina**; **Krištál, Jekaterina**; **Kulp, Maria**; **Karro, Niina**; **Tõugu, Vello**; **Palumaa, Peep** Journal of bioenergetics and biomembranes 2015 / p. 209-216 : ill <http://dx.doi.org/10.1007/s10863-015-9609-9>

Microarray analysis reveals increased transcriptional repression and reduced metabolic activity but not major changes in the core apoptotic machinery during maturation of sympathetic neurons

Raba, Mikko; **Palgi, Jaan**; Lehtivaara, Maria; **Arumäe, Urmas** Frontiers in cellular neuroscience 2016 / art. 66, p. 1-13 : ill <https://doi.org/10.3389/fncel.2016.00066>

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

Molecular cell biology of male meiotic chromosomes and isolation of male meiocytes in Arabidopsis thaliana

Wang, Yingxiang; Cheng, Zhihao; Lu, Pingli; Timofejeva, Ljudmilla; Ma, Hong Flower development : methods and protocols 2014 / p. 217-230

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>

Mürgistus koliinesteraasi inhibiitoriga - mida see tähendab?

Lauri, Vahur err.ee 2020 / fot [Mürgistus koliinesteraasi inhibiitoriga - mida see tähendab?](http://www.err.ee/10067066/murgistus-koliinesteraasi-inhibiitoriga-mida-see-tahendab)

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

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Holweg, Carola; Truve, Erkki; Paves, Heiti BMC plant biology 2012

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

Near-bottom hypoxia impacts dynamics of bacterioplankton assemblage throughout water column of the Gulf of Finland (Baltic Sea)

Laas, Peeter; Šatova, Elina; Lips, Inga; Lips, Urmas; Simm, Jaak; Kisand, Veljo; Metsis, Madis PLoS ONE 2016 / art. e0156147, p. 1-19 : ill <https://doi.org/10.1371/journal.pone.0156147>

Neuronal activity-dependent transcription factors and regulation of human BDNF gene = Närvitalitlusest sõltuvad transkriptsioonifaktorid ja inimese BDNF geeni avaldumise regulatsioon

Pruunsild, Priit 2010 https://www.ester.ee/record=b2653637*est

Neuronal-activity regulated gene expression : emphasis on BDNF

Timmusk, Tõnis SpringerPlus 2015 / p. 11, L38 <http://dx.doi.org/10.1186/2193-1801-4-S1-L38>

Neurotrophic factors - a key to understanding neuronal life and death - and memory and thinking : what are the neurotrophic factors and how do they regulate neurons?

Saarma, Mart; Arumäe, Urmas Estonia : member state of NATO and the EU : international business handbook 2007-2008 2007 / p. 191-207 : ill., portr https://www.ester.ee/record=b2288232*est

Neurotrophins : transcription and translation

West, A. E.; Pruunsild, Priit; Timmusk, Tõnis Neurotrophic factors 2014 / p. 67-100

Norepinephrine modulates proliferation and IFN- α production by porcine immune cells

Veterinary Immunology and Immunopathology 2009 / p. 253 <https://doi.org/10.1016/j.vetimm.2008.10.093>

Novel transcripts reveal a complex structure of the human TRKA gene and imply the presence of multiple protein isoforms

Luberg, Kristi; Park, Rahel; Aleksejeva, Elina; Timmusk, Tõnis BMC neuroscience 2015 / p. 1-21 : ill <http://dx.doi.org/10.1186/s12868-015-0215-x>

Novel transgenic models based on bacterial artificial chromosomes for studying BDNF gene regulation = Bakteriaalsetel kunstlikel kromosoomidel põhinevad transgeensed mudelid BDNF geeni regulatsiooni uurimiseks

Jaanson, Kaur 2015

Nucleolar enrichment of brain proteins with critical roles in human neurodevelopment

Slomnicki, Lukasz P.; Malinowska, Agata; **Sepp, Mari; Timmusk, Tõnis** Molecular & cellular proteomics 2016 / p. 2055-2075
<http://dx.doi.org/10.1074/mcp.M115.051920>

Orgaaniline keemia : õpik kõrgkoolidele

Carey, Francis A; Giuliano, Robert M 2014 http://www.ester.ee/record=b3084143*est

Outbreak insights : dr Sirje Rüütel-Boudinot on how a survey of antibodies against pandemic a(H1N1)pdm09 revealed a wide spread of the "Swine flu" virus in Estonia after the 2009 outbreak

Rüütel Boudinot, Sirje; Suurväli, Jaanus; Nutt, Anu; Tiivel, Toomas, geenit. Pan European networks : science & technology [Electronic resource] 2013 / p. 140-141 : phot <http://www.paneuropeannetworkspublications.com/>

Ovarian follicle as the environment of oocyte maturation : the role of granulosa cells and follicular fluid at pre-ovulatory development = Munasarja folliikul kui munaraku küpsemise keskkond : granuloosrakkude ja follikulaarvedeliku roll ovulatsioonieelses arengus

Velthut-Meikas, Agne 2014

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 <http://dx.doi.org/10.3390/v7062761>

Oxidation of Methionine-35 in Alzheimer's amyloid-beta peptide and the aggregation of the oxidized peptide

Friedemann, Merlin; Helk, Eneken; Tiiman, Ann; Zovo, Kairit; Palumaa, Peep; Tõugu, Vello SpringerPlus 2015 / p. 20, P13
<http://dx.doi.org/10.1186/2193-1801-4-S1-P13>

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

Partial deletion of TCF4 in three generation family with nonsyndromic intellectual disability, without features of Pitt-Hopkins syndrome

Kharbanda, Mira; Kannike, Kaja; Lampe, Anne; Berg, Jonathan; Timmusk, Tõnis; Sepp, Mari European journal of medical genetics 2016 / p. 310-314 : ill <http://dx.doi.org/10.1016/j.ejmg.2016.04.003>

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

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

Plexin-B3 suppresses excitatory and promotes inhibitory synapse formation in rat hippocampal neurons

Laht, Piret; Tammaru, Epp; Otsus, Maarja; Rohtla, Johan; Tiismus, Liivi; Veske, Andres Experimental cell research 2015 / p. 269-278 : ill <http://dx.doi.org/10.1016/j.yexcr.2015.05.007>

Polypeptide processing of Cocksfoot mottle sobemovirus

Uffert, Gabriela; Sõmera, Merike; Sõber, Kärt; Kivisaar, Kätlin; Nummert, Grete; Valmsen, Karin; Truve, Erkki International Union of Microbiological Societies Congresses : July 27 - August 1, 2014 : IUMS 2014 : abstracts 2014 / p. 211

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

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

Potyvirus Potato Virus A coat protein possesses 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

Preparing thin sections of meiotic nuclei for transmission electron microscopy

Timofejeva, Ljudmilla Plant meiosis : methods and protocols 2013 / p. 167-174

Production of labelled recombinant proteins in fed-batch system in Escherichia coli = Märjastatud rekombinantsete valkude tootmine Escherichia coli fed-batch süsteemides

Tomson, Katrin 2007 https://www.ester.ee/record=b2324657*est

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

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

Protein kinase inhibitor SU6668 attenuates positive regulation of Gli proteins in cancer and multipotent progenitor cells

Piirsoo, Alla; Kasak, Lagle; Kauts, Mari-Liis; Uusen, Piia; Tints, Kairit; Loog, Mart; Neuman, Toomas; Piirsoo, Marko Biochimica et biophysica acta : molecular cell research 2014 / p. 703-714 : ill

Proteinases from Vipera lebetina snake venom affecting hemostasis

Aaspõllu, Anu 2006 http://www.ester.ee/record=b2144713*est

Protein-RNA linkage and posttranslational modifications of feline calicivirus and murine norovirus VPg proteins

Olsper, Allan; Hosmillo, Myra; Chaudhry, Yasmin; Peil, Lauri; Truve, Erkki; Goodfellow, Ian PeerJ 2016 / p. 1-14 : ill
<http://dx.doi.org/10.7717/peerj.2134>

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

Olsper, Allan; Peil, Lauri; Hebrard, Eugénie; Fargette, Denis; Truve, Erkki Journal of general virology 2011 / p. 445-452 : ill

Purification, characterization and plasma half-life of PEGylated soluble recombinant non-HA-binding CD44

Pink, Anne; Kallastu, Aili; Turkina, Marina; Školnaja, Marianna; Kogerman, Priit; Päll, Taavi; Valkna, Andres BioDrugs 2014 / p. 393-402 : ill

Purification, characterization and specificity studies of metalloproteinases from Vipera lebetina snake venom

Trummal, Katrin 2007

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

Papkina, Jekaterina; Paalme, Viu; 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

Quantitative characterization of respiratory parameters of human colorectal and breast cancer clinical material

Ševtšuk, Igor; Koit, Andre; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; Õunpuu, Ljudmila MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 2015 / p. 28-29 : ill http://www.bioblast.at/index.php/Kaambre_2015_Abstract_MiP2015

R4 regulators of G protein signaling (RGS) identify an ancient MHC-linked synteny group

Suurväli, Jaanus; Robert, Jacques; Boudinot, Pierre; Rüütel Boudinot, Sirje Immunogenetics 2013 / p. 145-156 : ill

Raamat, millela ma oma eriala ette ei kujuta

Truve, Erkki Horisont 2012 / lk. 60

Rat NEURL1 3'UTR is alternatively spliced and targets mRNA to dendrites

Jaagura, Madis; Taal, Kati; Koppel, Indrek; Tuvikene, Jürgen; Timmusk, Tõnis; Tamme, Richard Neuroscience letters 2016 / p. 71-76 : ill <https://doi.org/10.1016/j.neulet.2016.10.041>

Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize

Moon, Jihyun; Skibbe, David; Timofejeva, Ljudmilla The plant journal 2013 / p. 592-602 : ill

Regulation of different human NFAT isoforms by neuronal activity

Vihma, Hanna; Luhakooder, Mirjam; Pruunsild, Priit; Timmusk, Tõnis Journal of neurochemistry 2016 / p. 394-408 : ill
<http://dx.doi.org/10.1111/jnc.13568>

Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related evolutionarily conserved synteny group = G valkude signaaliülekanne regulaator 16 (RGS16) : osalus immuunvastuses ja genoomne asukoht ürgses MHC-seoselises evolutsiooniliselt konserveerunud sünteenses grupis

Suurväli, Jaanus 2014 https://www.ester.ee/record=b4439180*est

Retoorika on õige, kuid rikkaks saamine võtab aega : [teaduse rahastamisest]

Truve, Erkki Sirp 2015 / lk. 34

Retroelements in human disease

Kaer, Kristel; Speek, Mart Gene 2013 / p. 231-241 : ill

RGS16 restricts the pro-inflammatory response of monocytes

Suurväli, Jaanus; Pahtma, Merlis; Saar, Regina; Paalme, Viu; Nutt, Anu; Tiivel, Toomas; geenit.; Saaremäe, Merle; Fitting, C.; Cavaillon, Jean-Marc; Rüütel Boudinot, Sirje Scandinavian journal of immunology 2015 / p. 23-30 : ill

RLI as RNA silencing suppressor in Nicotiana benthamiana [Electronic resource]

Gerassimenko, Jelena; Nigul, Lenne; Romet, Marina; Truve, Erkki; Sarmiento Guerin, Maria Cecilia Scandinavian Plant Physiology Society 7th PhD Student Conference : 12-15 September 2012 Laulasmaa Estonia : abstract book 2012 / p. 16

RNA interference-guided targeting of hepatitis C virus replication with antisense locked nucleic acid-based oligonucleotides containing 8-oxo-dG modifications

Mutso, Margit; Nikonov, Andrei; Pihlak, Arno; Žusinaite, Eva; Viru, Liane; Selyutina, Anastasia; **Reintamm, Tõnu; Kelve, Merike;** Saarma, Mart; Karelson, Mati; Merits, Andres PLoS ONE 2015 / p. 1-25 : ill <http://dx.doi.org/10.1371/journal.pone.0128686>

Role of two sequence motifs of mesencephalic astrocyte-derived neurotrophic factor in its survival-promoting activity

Mätlik, Kert; Yu, Li-Ying; Eesmaa, Ave; **Arumäe, Urmas** Cell death & disease 2015 / art. e2032, p. 1-8 : ill <http://dx.doi.org/10.1038/cddis.2015.371>

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

Sõmera, Merike; Truve, Erkki Archives of virology 2015 / p. 857-863 : ill

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

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

Saarma: segaduse tingis kogenematus

Saarma, Mart Postimees 2015 / lk. 7

Significant impact of the Rh blood group and gender on influenza infection in Estonia

Kärdi, Liina; Nutt, Anu; Suurväli, Jaanus; Siimut, Siim Erik; Põdersoo, Diivi; Saar, Tiiu; Tiivel, Toomas, geenit.; Rüütel Boudinot, Sirje Proceedings of the Estonian Academy of Sciences 2016 / p. 195-204 : ill <http://dx.doi.org/10.3176/proc.2016.3.04>

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/>

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

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

Spatial patterns and dynamic responses of Arctic food Webs corroborate the Exploitation Ecosystems Hypothesis (EEH)

Aunapuu, Maano; Dahlgren, Jonas; Oksanen, Tarja; Grellmann, Doris; Oksanen, Lauri; Olofsson, Johan; **Rammul, Üllar;** Schneider, Michael; Johansen, Bernt; Hygen, Hans Olaf The American Naturalist 2008 / p. 249-262 <https://doi.org/10.1086/524951>

Spreading of influenza A (H1N1PANDEMIC09) among Estonian blood donors and swineherds during 2010/2011 and its link to gender and Rh D, C, c, E and e antigens : [poster abstract]

Kärdi, Liina; Nutt, Anu; Saaremäe, Merle; Suurväli, Jaanus; Põdersoo, Diivi; Saar, Tiiu; Tiivel, Toomas, geenit.; 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. 41

Stress protein HSP70 from marine sponge T. muricata

Vallmann, Kerli; Kivisild, Carmen; Lopp, Annika Abstracts : ninth world sponge conference 2013 2013 / p. 170

Structural and functional insight into trafficking of copper in the cell

Palumaa, Peep; Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; **Zovo, Kairit** Journal of biological inorganic chemistry 2014 / p. S851

Structure and functioning of copper chaperones

Palumaa, Peep FEBS journal 2013 / p. 151

Structure and regulation of BDNF gene = BDNF geeni struktuur ja regulatsioon

Aid-Pavlidis, Tamara 2010 http://www.ester.ee/record=b2604919*est

Studies of CD44 hyaluronan binding domain as novel angiogenesis inhibitor = CD44 hüaluroonhapet siduv domään kui uudne angiogeneesi inhibiitor

Päil, Taavi 2013 https://www.ester.ee/record=b2992362*est

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes

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

Sõbralik vaade lahe teiselt kaldalt

Saarma, Mart Hea linn : Tallinna visioonikonverentsid 2013 / lk. 103-109

TAF4 controls differentiation of human neural progenitor cells through hTAF4-TAFH activity

Kazantseva, Jekaterina; Tints, Kairit; Neuman, Toomas; Palm, Kaia Journal of molecular neuroscience 2015 / p. 160-166 : ill <http://dx.doi.org/10.1007/s12031-014-0295-6>

Targeted alternative splicing of TAF4 : a new strategy for cell reprogramming

Kazantseva, Jekaterina; **Sadam, Helle**; Neuman, Toomas; **Palm, Kaia** Scientific reports 2016 / art. 30852, p. 1-11 : ill
<http://dx.doi.org/10.1038/srep30852>

Teaduse rahastamise reform : [Sirbi küsimustele vastab teaduse rahastamise süsteemi ümberkorraldamise töörühma liige Erkki Truve]

Truve, Erkki Sirp 2015 / lk. 23 : portr

Teaduskonna häving ja ametnikuülikoolide tõus

Kogerman, Priit Sirp 2014 / lk. 36 <https://www.sirp.ee/s1-artiklid/c21-teadus/2014-01-09-14-38-16-2/>

The collection of maize meiotic mutants illuminates the process of recombination during the leptotene stage

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 55th Annual Maize Genetics Conference : program and abstracts : March 14-March 17, 2013, Pheasant Run, St. Charles, Illinois 2013 / p. 128

The Estonian H1N1 influenza 2009 outbreak was highly underestimated

Saar, Regina; Põdersoo, Diivi; Järvelaid, Mari; Tuubel, Linda; **Suurväli, Jaanus**; **Nutt, Anu**; **Saaremäe, Merle**; Saar, Tiiu; **Rüütel Boudinot, Sirje** Proceedings of the Estonian Academy of Sciences 2012 / p. 320-329 : ill

The genome organization of lucerne transient streak and turnip rosette sobemoviruses revisited

Sõmera, Merike; Truve, Erkki Archives of virology 2013 / p. 673-678 : ill

The missing link in the amyloid cascade of Alzheimer's disease - metal ions

Tiiman, Ann; Palumaa, Peep; **Tõugu, Vello** Neurochemistry international 2013 / p. 367-378 : ill

The proto-MHC of placozoans, a region specialized in cellular stress and ubiquitination/proteasome pathways

Suurväli, Jaanus; Jouneau, Luc; **Rüütel Boudinot, Sirje** The journal of immunology 2014 / p. 2891-2901 : ill

The role of CD44 in the control of endothelial cell proliferation and angiogenesis = CD44 roll angiogeneesis ja endoteelirakkude jagunemises

Pink, Anne 2016 http://www.ester.ee/record=b4610555*est

The role of FeS domain in RLI for the suppression of RNA silencing

Gerassimenko, Jelena; Kärblane, Kairi; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** The non-coding genome : EMBO/EMBL Symposium : 9-12 October 2013, Heidelberg, Germany 2013 / p. 181

The role of human RLI in cell proliferation and translational regulation

Toompuu, Marina; Kärblane, Kairi; **Sarmiento Guerin, Maria Cecilia**; **Truve, Erkki** The 5th EMBO meeting 2013 : Amsterdam, 21-24 September 2013 / p. 24

The role of human RLI in cell proliferation and translational regulation

Toompuu, Marina; Kärblane, Kairi; **Sarmiento Guerin, Maria Cecilia**; **Truve, Erkki** RNA 2013 : The 18th Annual Meeting of the RNA Society : June 11th-16th, Congress Center Davos, Davos, Switzerland 2013 / p. 232

The role of initial oligomers in amyloid fibril formation by human stefin B

Taler-Verčič, Ajda; **Kirsipuu, Tiina**; **Friedemann, Merlin**; **Noormägi, Andra**; **Smirnova, Julia**; **Palumaa, Peep** International journal of molecular sciences 2013 / p. 18362-18384 : ill

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

The stress protein HSP70 from the marine sponge Thenea muricata

Vallmann, Kerli; **Kivisild, Carmen**; **Lopp, Annika**; Rapp, Hans Tore; **Kelve, Merike** Journal of the Marine Biological Association of the United Kingdom 2016 / p. 573-581 : ill <https://doi.org/10.1017/S0025315415002234>

Therapeutic potential of the endoplasmic reticulum located and secreted CDNF/MANF family of neurotrophic factors in Parkinson's disease

Voutilainen, Merja H.; **Arumäe, Urmas**; Airavaara, Mikko; Saarma, Mart FEBS letters 2015 / p. 3739-3748 : ill
<http://dx.doi.org/10.1016/j.febslet.2015.09.031>

Tick-borne pathogens circulating in Estonia (tick-borne encephalitis virus, Anaplasma phagocytophilum, Babesia species): their prevalence and genetic characterization = Eestis tsirkuleerivate puukide ülekantavad patogeendid (puukentsefaliidivirus, 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

Topoisomerase II beta interacts with cohesin and CTCF at topological domain borders

Uusküla-Reimand, Liis; Hou, Huayun; Samavarchi-Tehrani, Payman Genome biology 2016 / art. 182, p. 1-22 : ill
<https://doi.org/10.1186/s13059-016-1043-8>

Toxicity of amyloid beta 1-40 and 1-42 on SH-SY5Y cell line

Krištal, Jekaterina; Bragina, Olga; Metsla, Kristel; Palumaa, Peep; Tõugu, Vello SpringerPlus 2015 / p. 21-22, P19
<http://dx.doi.org/10.1186/2193-1801-4-S1-P19>

Transcriptional mechanisms of BDNF gene regulation = BDNF geeni avaldumise transkriptsioonilised mehhanismid

Koppel, Indrek 2013 https://www.ester.ee/record=b3046255*est

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

TTÜ arengukava 2020 - koos valmistame ette, koos viime ellu

Piirsoo, Marko Mente et Manu 2015 / lk. 4

TTÜ geeniteadlased muugivad haruldast haigust, mida põeb viis inimest miljonist

Tammeorg, Teele; Timmusk, Tõnis Eesti Päevaleht 2016 / lk. 22-23

TTÜ geenitehnoloogid otsivad ravimit Alzheimeri tõvele

Palumaa, Peep; Helme, Kristi Mente et Manu 2013 / lk. 14-16 : fot

2-5A synthetase from the marine sponge Geodia cydonium

Kuuskalu, Anne 2003 http://www.ester.ee/record=b1782619*est

Tähelepanu all on aul

Rammul, Üllar; Kinks, Riho; Volke, Veljo Tiirutaja : linnuhuvilise teabeleht 2014 / lk. 1
http://www.eoy.ee/sites/default/files/Tiirutaja_26_www.pdf

University of technology on the road towards world research universities : [preface]

Truve, Erkki TUT research and development 2010 2011 / p. 5 https://www.ester.ee/record=b2689163*est

Uued neurotroofilised faktorid MANF ja CDFN ning nende uudne toimemehhanism

Arumäe, Urmas Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 257-263 : ill

VEGF-A stimulates podosome-mediated collagen-IV proteolysis in microvascular endothelial cells

Daubon, Thomas; Spuul, Pirjo; Alonso, Florian; Fremaux, Isabelle; Genot, Elisabeth Journal of cell science 2016 / p. 2586-2598 : ill
<http://dx.doi.org/10.1242/jcs.186585>

VEGF-A/Notch-induced podosomes proteolyse basement membrane collagen-IV during retinal sprouting angiogenesis

Spuul, Pirjo; Daubon, Thomas; Pitter, Bettina Cell reports 2016 / p. 484-500 : ill <http://dx.doi.org/10.1016/j.celrep.2016.09.016>

Vertebrate homologues of Drosophila fused kinase and their roles in Sonic Hedgehog signalling pathway = Selgroogsete fu kinaasi homologide roll Sonic Hedgehogi signaali ülekanderajas

Maloverjan, Alla 2010 https://www.ester.ee/record=b2643366*est

Vimentin mechanisms on endothelial migration

Päll, Taavi Vimentin concepts and molecular mechanisms 2013 / p. 81-96

Virrexa toob Eestile läbilöögi [kommentaar artiklile "Eestlaste ravim kingib vähihaigetele aasta", autor Andres Reimer, "Eesti Päevaleht" 10. jaan. 2013, lk. 10-11]

Truve, Erkki Eesti Päevaleht 2013 / lk. 10

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

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

Vole–vegetation interactions in an experimental, enemy free taiga floor system

Rammul, Üllar; Oksanen, Tarja; Oksanen, Lauri; Lehtelä, Jouko; Virtanen, Risto; Olofsson, Johan; Strengborn, Joachim; Rammul, M; Ericson, Lars Oikos 2007 / p. 1501–1513 <http://dx.doi.org/10.1111/j.0030-1299.2007.14981.x>

Väikesed riigid toetagu kvaliteetset teadust

Saarma, Mart; Strandberg, Marek Sirp 2014 / lk. 36-37 : portr <https://sirp.ee/s1-artiklid/c9-sotsiaalia/2014-01-24-10-01-14/>