

**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>

**AAV-mediated targeting of gene expression to the peri-infarct region in rat cortical stroke model**

Mätlik, Kert; Abo-Ramadan, Usama; Harvey, Brandon K.; **Arumäe, Urmas**; Airavaara, Mikko Journal of neuroscience methods 2014 / p. 107-113 : ill <https://doi.org/10.1016/j.jneumeth.2014.08.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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** EMBO/EMBL Symposium The Complex Life of mRNA : 5-8 October 2014, EMBL Heidelberg, Germany 2014 / p. 292

**ABCE1 is a highly conserved RNA silencing suppressor : [journal article]**

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 <https://doi.org/10.1371/journal.pone.0116702> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**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 <https://doi.org/10.2144/000114441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Affinity of zinc and copper ions for insulin monomers**

Gavrilova, Julia; Tõugu, Vello; **Palumaa, Peep** Metallomics 2014 / p. 1296-1300 : ill <https://doi.org/10.1039/c4mt00059e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 Draamateatri 2007 / lk. 11-16 [https://artiklid.elnet.ee/record=b2610542\\*est](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](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 <https://doi.org/10.1016/j.mce.2016.06.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.1186/1471-2202-15-75> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biokeemia : lühikursus : õpik kõrgkoolidele**

Tymoczko, John L; Berg, Jeremy M; Stryer, Lubert 2016 [https://www.ester.ee/record=b4562473\\*est](https://www.ester.ee/record=b4562473*est)

**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](http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf)

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

Wärmländer, Sebastian K.T.S.; **Tiiman, Ann**; Abelein, Axel Chembiochem : a European journal of chemical biology 2013 / p. 1692-1704 : ill <https://doi.org/10.1002/cbic.201300262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1186/1756-3305-6-202> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.1016/j.yexcr.2014.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**B-plexins regulate the maturation of neurons through microtubule dynamics = B-pleksiinid mõjutavad mikrotorukeste**

**liikumise kaudu nÄrvirakkude kÄpsemist**  
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 <https://doi.org/10.1007/s00216-013-6755-y>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The CB<sub>1</sub> 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CCL5/CCR1 axis regulates multipotency of human adipose tissue derived stromal cells**

Kauts, Mari-Liis; Pihelgas, Susan; Orro, Kadri; Neuman, Toomas; Piirsoo, Alla Stem Cell Research 2013 / p. 166 - 178  
<https://doi.org/10.1016/j.scr.2012.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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***

Ivaničova, Zuzana; Jakobson, Irena; Reis, Diana; Järve, Kadri New biotechnology 2016 / p. 718-727 : ill  
<https://doi.org/10.1016/j.nbt.2016.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.1080/19491034.2015.1074359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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  
<https://doi.org/10.1007/s12041-014-0340-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chronic pain after lower abdominal surgery : do catechol-O-methyl transferase/opioid receptor  $\mu$ -1 polymorphisms contribute?**

Kolesnikov, Yuri; Gabovits, Boris; Levin, Ariel; Veske, Andres; Qin, Li; Dai, Feng; Belfer, Inna Molecular pain 2013 / p. 1-7  
<https://pubmed.ncbi.nlm.nih.gov/23566343/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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](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 <https://pubmed.ncbi.nlm.nih.gov/23436361/>

**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 <https://doi.org/10.1007/s10863-013-9529-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1038/srep10332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.3109/09513590.2015.1085186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Construction of physical map for the locus introgressed to bread wheat from *Triticum militinae* conferring powdery mildew resistance**  
**Kominková, 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](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 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Copper(II) ions and the Alzheimer's amyloid- $\beta$  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 / p. 739 <https://www.cost.eu/actions/FA0806/>

**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** <https://doi.org/10.1534/g3.112.004465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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](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

<https://doi.org/10.1007/s13277-014-2860-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Koppel, Indrek; Timmusk, Tõnis Neuropharmacology 2013 / p. 106-115 : ill <https://doi.org/10.1016/j.neuropharm.2013.07.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Diversity in TAF proteomics : consequences for cellular differentiation and migration**

Kazantseva, Jekaterina; Palm, Kaia International journal of molecular sciences 2014 / p. 16680-16697 : ill

<https://doi.org/10.3390/ijms150916680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Eessõna eestikeelsele väljaandele**

Palumaa, Peep Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / 1 p [https://www.ester.ee/record=b4562473\\*est](https://www.ester.ee/record=b4562473*est)

**Eesti autori geneetikaõpik**

Veske, Andres Horisont 2013 / lk. 59 [https://artiklid.elnet.ee/record=b2606698\\*est](https://artiklid.elnet.ee/record=b2606698*est)

**Effect of agitation on the peptide fibrillization: Alzheimer's amyloid- $\beta$  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

<https://doi.org/10.1002/psc.2513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of methionine-35 oxidation on the aggregation of amyloid- $\beta$  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

<https://doi.org/10.1080/15592294.2016.1214781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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

<https://doi.org/10.1111/jnc.13124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Valdre, Eola; Valdre, Eola vt.ka Kuk, Eola 2000 [http://www.ester.ee/record=b1388804\\*est](http://www.ester.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 <https://doi.org/10.1016/j.biochi.2013.10.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 <https://doi.org/10.1111/jam.12045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 <https://doi.org/10.1371/journal.pone.0095449> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 <https://doi.org/10.1371/journal.pone.0151550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Expression of FLNa in human melanoma cells regulates the function of integrin $\alpha 1\beta 1$ and phosphorylation and localisation of PKB/AKT/ERK1/2 kinases**

Krebs, Kristi; Ruusmann, Anu; Simonlatser, Grethel; Velling, Teet European Journal of Cell Biology 2015 / p. 564-575 <https://doi.org/10.1016/j.ejcb.2015.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 <https://doi.org/10.1094/PDIS-04-16-0426-PDN> [Journal metrics at Scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 <https://doi.org/10.1074/jbc.M114.612424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Brancaccio, Diego; Zovo, Kairit; Palumaa, Peep Journal of the American Chemical Society 2014 / p. 16240-16250 : ill <https://doi.org/10.1021/ja507822j> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 funtsionaalne 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](https://www.ester.ee/record=b4453320*est)

## **GABA receptor $\rho$ 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

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

Rosenstein, Karin 2016 [https://www.ester.ee/record=b4567260\\*est](https://www.ester.ee/record=b4567260*est)

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

Sõmera, Merike; Truve, Erkki Archives of virology 2013 / p. 673-678 : ill <https://doi.org/10.1007/s00705-012-1519-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Heating-induced transition of Potyvirus Potato Virus A coat protein into  $\beta$ -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](#)

**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; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla; Doležel, Jaroslav; Valarik, Miroslav Plant and Animal Genome Conference XXIV : the International Conference on the Status of Plant & Animal Genome Research : January 9-13, 2016, Town & Country Hotel, San Diego, CA 2016 / p. P0872 : ill

**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=be8d3cfb-d355-472f-85cd-be98cdd4e074](http://www.fasebj.org/content/29/1_Supplement/LB445.abstract?sid=be8d3cfb-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 maovähihaigetel**

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](http://meetings.ipk-gatersleben.de/EUCARPIA_ITMI_2014/book_of_abstracts.pdf)

**In vitro fibrillization of Alzheimer's amyloid- $\beta$  peptide (1-42)**

Tiiman, Ann; Krištál, Jekaterina; Palumaa, Peep; Tõugu, Vello AIP advances 2015 / p. 092401-1 - 092401-12 : ill  
<https://doi.org/10.1063/1.4921071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **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 <https://doi.org/10.1007/s10930-015-9634-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Interactions of Alzheimer's amyloid- $\beta$ peptides with Zn(II) and Cu(II) ions = Alzheimeri amüloid- $\beta$ peptiidide interaktsioonid Zn(II) ja Cu(II)ioonidega**

**Tiiman, Ann** 2012 [https://www.ester.ee/record=b2866174\\*est](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 <https://doi.org/10.1371/journal.pone.0066601> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **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 <https://doi.org/10.1242/bio.014696> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **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](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](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](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](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> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **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.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](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 <https://doi.org/10.3390/ijms15045680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Lynch syndrome mutations shared by the Baltic States and Poland**

Dymerska, D.; **Kelve, Merike** Clinical genetics 2014 / p. 190-193 : ill <https://doi.org/10.1111/cge.12251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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** FESPB-EPSO Plant Biology Congress : Freiburg, 29 July - 3 Aug. 2012 2012 / p. 715

### **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>

### **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](https://www.ester.ee/record=b2412718*est)

### **Matemaatika-loodusteaduskond - mõtteid olevikust ja tulevikust**

**Truve, Erkki** Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 16-18 [https://www.ester.ee/record=b1212786\\*est](https://www.ester.ee/record=b1212786*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; Krištal, Jekaterina; Kulp, Maria; Karro, Niina; Tõugu, Vello; Palumaa, Peep** Journal of bioenergetics and biomembranes 2015 / p. 209-216 : ill <https://doi.org/10.1007/s10863-015-9609-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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, Mikk; 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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

### **Morphine modifies the cingulate-operculum network underlying painful rectal evoked potentials**

Lelic, D.; Olesen, A.E.; Gregersen, H.; Dahan, A.; **Kolesnikov, Yuri**; Drewes, A.M. Neuropharmacology 2014 / p. 422-427 : ill <https://doi.org/10.1016/j.neuropharm.2013.10.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Journal metrics at WOS](#)

### **Multiple mechanisms repress N-Bak mRNA translation in the healthy and apoptotic neurons**

Jakobson, Madis; Jakobson, Maili; Llano, Olaya; **Palgi, Jaan**; Arumäe, Urmas Cell Death and Disease 2013 / art. e777  
<https://doi.org/10.1038/cddis.2013.297> [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](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?](#)

### **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  
<https://pubmed.ncbi.nlm.nih.gov/22672737/>

### **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](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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](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>

### **Neuronal-activity regulated gene expression: emphasis on BDNF**

**Timmusk, Tõnis** SpringerPlus 2015 / 32 p <https://doi.org/10.1186/2193-1801-4-S1-L38> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://www.ester.ee/record=b2288232*est)

### **Neurotrophins : transcription and translation**

West, A. E.; **Pruunsild, Priit; Timmusk, Tõnis** Neurotrophic factors 2014 / p. 67-100 [https://doi.org/10.1007/978-3-642-45106-5\\_4](https://doi.org/10.1007/978-3-642-45106-5_4)  
[Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Norepinephrine modulates proliferation and IFN- $\alpha$ 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  
<https://doi.org/10.1186/s12868-015-0215-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Jaanson, Kaur** 2015 [https://www.ester.ee/record=b4494705\\*est](https://www.ester.ee/record=b4494705*est)

**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  
<https://doi.org/10.1074/mcp.M115.051920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Orgaaniline keemia : õpik kõrgkoolidele**

Carey, Francis A; Giuliano, Robert M 2014 [http://www.ester.ee/record=b3084143\\*est](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 <https://doi.org/10.3390/v7062761>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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 <https://doi.org/10.1016/j.ejmg.2016.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.1371/journal.pone.0067830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1016/j.yexcr.2015.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Polyprotein 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

**Porfüriinid ja bilirubiin pärsivad Alzheimeri amüloid beta peptiidi agregatsiooni**

**Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Palumaa, Peep** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 165-166 [https://www.ester.ee/record=b2314480\\*est](https://www.ester.ee/record=b2314480*est)

**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

**Probing determinants of cyclopiazonic acid sensitivity of bacterial Ca<sup>2+</sup>-ATPases**

**Kotšubei, Aljona**; Gorgel, Manuela; Morth, Jens P.; Nissen, Poul; Andersen, Jacob L. FEBS Journal 2013 / p. 5441 - 5449  
<https://doi.org/10.1111/febs.12310> [Journal metrics at Scopus](#) [Article at Scopus](#)

**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](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](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 <https://doi.org/10.1016/j.bbamcr.2014.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Proteinases from Vipera lebetina snake venom affecting hemostasis**

**Aaspõllu, Anu** 2006 [http://www.ester.ee/record=b2144713\\*est](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  
<https://doi.org/10.7717/peerj.2134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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>

**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 <https://doi.org/10.1007/s40259-014-0089-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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; Ōunpuu, 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](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  
<https://doi.org/10.1007/s00251-012-0661-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Raamat, millela ma oma eriala ette ei kujuta**

**Truve, Erkki** Horisont 2012 / lk. 60 [https://artiklid.elnet.ee/record=b2467888\\*est](https://artiklid.elnet.ee/record=b2467888*est)

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Redox-specialized bacterioplankton metacommunity in a temperate estuary**

**Laas, Peeter; Simm, Jaak; Lips, Inga; Lips, Urmas; Kisand, Veljo; Metsis, Madis** PLoS ONE 2015 / art. e0122304  
<https://doi.org/10.1371/journal.pone.0122304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1111/tpj.12318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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  
<https://doi.org/10.1111/jnc.13568> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related evolutionarily conserved syntenic 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](https://www.ester.ee/record=b4439180*est)

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

**Truve, Erkki** Sirp 2015 / lk. 34 <https://www.sirp.ee/s1-artiklid/c21-teadus/retoorika-on-oige-kuid-rikkaks-saamine-votab-aega/>

### **Retroelements in human disease**

**Kaer, Kristel; Speek, Mart** Gene 2013 / p. 231-241 : ill <https://doi.org/10.1016/j.gene.2013.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **RGS16 restricts the pro-inflammatory response of monocytes**

**Suurväli, Jaanus; Pahtma, Merlis; Saar, Regina; Paalme, Viiv; Nutt, Anu; Tiivel, Toomas, geenit.; Saaremäe, Merle; Fitting, C.; Cavaillon, Jean-Marc; Rüütel Boudinot, Sirje** Scandinavian journal of immunology 2015 / p. 23-30 : ill  
<https://doi.org/10.1111/sji.12250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 <https://doi.org/10.1371/journal.pone.0128686> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://www.ester.ee/record=b2615858*est)

### **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  
<https://doi.org/10.1038/cddis.2015.371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Sõmera, Merike; Truve, Erkki** Archives of virology 2015 / p. 857-863 : ill <https://doi.org/10.1007/s00705-015-2336-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 <https://www.postimees.ee/3220959/saarma-segaduse-tingis-kogenematus>

### **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, Tiit; Tiivel, Toomas, geenit.; Rüütel Boudinot, Sirje** Proceedings of the Estonian Academy of Sciences 2016 / p. 195-204 : ill <https://doi.org/10.3176/proc.2016.3.04>  
[https://artiklid.elnet.ee/record=b2798391\\*est](https://artiklid.elnet.ee/record=b2798391*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sobemovirus RNA linked to VPg over a threonine residue**

**Olspert, 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](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]**

**Kärđi, 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

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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**

**Päll, Taavi** 2013 [https://www.ester.ee/record=b2992362\\*est](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](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 <https://doi.org/10.1007/s12031-014-0295-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1038/srep30852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 lower cambrian trilobite zonation of Estonia**

**Pärnaste, Helje** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 31 [https://www.ester.ee/record=b5696260\\*est](https://www.ester.ee/record=b5696260*est) <https://files.geocollections.info/17aa8067-966a-428d-8bd4-cc22e36cce73.pdf>

**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

<https://doi.org/10.1016/j.neuint.2013.01.023> <https://www.sciencedirect.com/science/article/pii/S0197018613000326> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.4049/jimmunol.1401177> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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 <https://doi.org/10.3390/ijms140918362> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**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  
<https://doi.org/10.1016/j.febslet.2015.09.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Katargina, Olga** 2011 [https://www.ester.ee/record=b2696389\\*est](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](#)

**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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](https://www.ester.ee/record=b3046255*est)

**The transcriptional repressor domain of Gli3 is intrinsically disordered**

**Tsanev, Robert;** **Vanatalu, Kalju;** Jarvet, Jüri; Tanner, Risto; **Laur, Kristi;** **Tiigimägi, Piret;** Kragelund, Birthe B.; Østerlund, Torben; **Kogerman, Priit** PLoS ONE 2013 / art. e76972 <https://doi.org/10.1371/journal.pone.0076972> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**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](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 [https://artiklid.elnet.ee/record=b2750865\\*est](https://artiklid.elnet.ee/record=b2750865*est)

**TTÜ geeniteadlased muugivad haruldast haigust, mida põeb viis inimest miljonist**

**Tammeorg, Teele; Timmusk, Tõnis** Eesti Päevaleht 2016 / lk. 22-23 <https://epl.delfi.ee/artikkel/74154749/ttu-geeniteadlased-muugivad-haruldast-haigust-mida-poeb-viis-inimest-miljonist>

**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](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](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](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

**Variable expression of lineage regulators in differentiated stromal cells indicates distinct mechanisms of differentiation towards common cell fate**

**Jääger, Kersti;** Fatkina, Angelika; Velts, Anna; Orav, Ester; **Neuman, Toomas** Gene 2014 / p. 173-179 : ill

<https://doi.org/10.1016/j.gene.2013.09.094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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

<https://doi.org/10.1242/jcs.186585> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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 <https://dea.digar.ee/page/eestipaevaleht/2013/01/10/10>

**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 Research & 8th Annual meeting of PVY wide organization : May 31 - June 3, 2016, Ljubljana, Slovenia 2016 / p. 217

**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](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/>