

A possible role of mouse Fused (STK36) in Hedgehog signaling and Gli transcription factor regulation

Maloverjan, Alla; Finta, Csaba; Osterlund, Torben; Kogerman, Priit Cell communication and signaling 2007 / First online [8] p
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2443232/>

A set of ribosomal RNA gene copies in a single individual of Ephydatia fluviatilis

Karlep, L.; Aas, Nele; Salonen, S.; **Lopp, Annika; Reintamm, Tõnu; Kelve, Merike** VIII World Sponge Conference : Ancient Animals, new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 228

ABCE proteins in plants

Jakobson, Liina; Möttus, Jelena; Nigul, Lenne; Smolander, Olli-Pekka; Truve, Erkki; Sarmiento Guerin, Maria Cecilia 1st PlantEd Conference Plant Genome Editing - State of the Art, University of Novi Sad, Central Building, 5-7 November 2019 : proceedings 2019 / p. 49 <https://plantgenomeediting.eu/wp-content/uploads/Planted-Book-of-Abstracts-Nov-Sad-2019.pdf>

ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressiooni ja nende evolutsioon

Möttus, Jelena 2024 <https://doi.org/10.23658/taltech.43/2024> <https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1>
https://www.eester.ee/record=b5694239*est

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

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

Alternative splicing and expression of human and mouse NFAT genes

Vihma, Hanna; Pruunsild, Priit; Timmusk, Tõnis Genomics 2008 / p. 279-291 : ill
https://www.researchgate.net/publication/23145218_Alternative_splicing_and_expression_of_human_and_mouse_NFAT_genes

Alternative splicing targeting the hTAF4-TAFH domain of TAF4 represses proliferation and accelerates chondrogenic differentiation of human mesenchymal stem cells

Kazantseva, Jekaterina; **Kivil, Anri; Tints, Kairi; Kazantseva, Anna; Neuman, Toomas; Palm, Kaia** PLoS ONE 2013 / art. e74799
<https://doi.org/10.1371/journal.pone.0074799> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

AtRLI2 is an endogenous suppressor of RNA silencing

Sarmiento Guerin, Maria Cecilia; Nigul, Lenne; Kazantseva, Jekaterina; Buschmann, Marju; Truve, Erkki Plant molecular biology 2006 / 1/2, p. 153-163 <https://link.springer.com/article/10.1007/s11103-005-0001-8>

Author Correction: Genomic basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)

Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; **Uusküla-Reimand, Liis** Nature 2023 / p. E37
<https://doi.org/10.1038/s41586-022-05596-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; **Gupta, Vijai Kumar; Singh, Bhim Pratap** European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Can microbes on skin help linking persons and crimes?

Aaspõllu, Anu; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Metsis, Madis Forensic science international : genetics supplement series 2011 / 1, p. e269-e270 : ill <http://dx.doi.org/doi:10.1016/j.fsigss.2011.08.131>

Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis

Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56

<https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocksfoot mottle virus : the genome organisation and translational strategies

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

Cocksfoot mottle virus coat protein is dispensable for the systemic infection

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

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

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

Cocksfoot mottle virus P1 suppresses RNA silencing in Nicotiana benthamiana and Nicotiana tabacum

Sarmiento Guerin, Maria Cecilia; Gomez, Eva; Meier, Merike; Kavanagh, Tony; Truve, Erkki Virus research 2007 / 1, p. 95-99 <https://pubmed.ncbi.nlm.nih.gov/16971015/>

Consumption of multi-fiber enriched yogurt is associated with increase of Bifidobacterium animalis and butyrate producing bacteria in human fecal microbiota

Jaagura, Madis; Part, Natalja; Adamberg, Kaarel; Kazantseva, Jekaterina; Viiard, Ene Journal of Functional Foods 2022 / Art. nr. 104899 <https://doi.org/10.1016/j.jff.2021.104899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-kingdom small RNAs among animals, plants and microbes

Zeng, Jun; Gupta, Vijai Kumar; Jiang, Yueming; Yang, Bao; Gong, Liang; Zhu, Hong Cells 2019 / art. 371

<https://doi.org/10.3390/cells8040371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cytosporone B as a biological preservative: purification, fungicidal activity and mechanism of action against geotrichum citri-aurantii

Yin, Chunxiao; Liu, Hongxin; Shan, Yang; Gupta, Vijai Kumar; Jiang, Yueming; Zhang, Weimin; Tan, Haibo; Gong, Liang

Biomolecules 2019 / Art. nr. 125 <https://doi.org/10.3390/biom9040125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Determination and production of antimicrobial compounds by Aspergillus clavatonanicus strain MJ31, an endophytic fungus from Mirabilis jalapa L. using UPLC-ESI-MS/MS and TD-GC-MS analysis

Mishra, Vineet Kumar; Passari, Aji Kumar; Chandra, Preeti; Leo, Vincent Vineeth; Kumar, Brijesh; Uthandi, Sivakumar; Thankappan, Sugitha; Gupta, Vijai Kumar; Singh, Bhim Pratap PLoS ONE 2017 / art. e0186234, 24 p. <https://doi.org/10.1371/journal.pone.0186234>

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0268371> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131462947&origin=inward&txid=09dcb2e6296ce2f331ac4a8a8f9cf8d6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR

Yarimizu, Kyoko; Sildever, Sirje; Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi Harmful Algae 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008>

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

Differences in RNA processing underlie the tissue specific phenotype of ISCU myopathy

Sanaker, Petter; Toompuu, Marina; Hogan, Vanessa; He, Langping; Tzoulis, Charalampos; Chrzanowska-Lightowlers, Zofia; Taylor, Robert; Bindoff, Laurence Biochimica et biophysica acta 2010 / p. 539-544 : ill

<https://www.sciencedirect.com/science/article/pii/S09255443910000529>

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

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

Ds RNA for medical purposes

Feldmane, G.; Zhilevicha, A.; Bikova, J. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20

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

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

Elimination of phosphorylation sites of Semliki Forest virus replicase protein nsP3

Vihinen, Helena; Ahola, Tero; Tuittila, Minna; **Merits, Andres**; Kääriäinen, Leevi Journal of biological chemistry 2001 / p. 5745-5752
<http://dx.doi.org/10.1074/jbc.M006077200>

An endogenous suppressor of RNA silencing in *Arabidopsis thaliana*

Gerassimenko, Jelena; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia What future for RNAi-based products : RNAi modified plants or spray products : 3rd iPLANTA Conference : book of abstracts : posters 2019 / p. 15 [iPlanta...](#)

Endometrial receptivity revisited : endometrial transcriptome adjusted for tissue cellular heterogeneity

Suhorutshenko, Marina; Kukushkina, Viktorija; **Velthut-Meikas, Agne**; Altmäe, Signe; Peters, Maire; Mägi, Reedik; Krjutškov, Kaarel; Koel, Mariann; Codoñer, Francisco M.; Martinez-Blanch, Juan Fco Human reproduction 2018 / 12 p. : ill
<https://doi.org/10.1093/humrep/dey301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement of disease resistance, growth potential, and photosynthesis in tomato (*Solanum lycopersicum*) by inoculation with an endophytic actinobacterium, *Streptomyces thermocarboxydus* strain BPSAC147

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi; Malik, Jahangir Ahmed; As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill
<https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** Scientific reports 2018 / art. 4650, 1 p.
<https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of GFRA-1, GFRA-2, and c-Ret mRNAs in rat adrenal gland

Schober, A.; Arumäe, Urmas; **Saarma, Mart**; Unsicker, K. Journal of neurocytology 2000 / p. 209-213

Expression of RNA silencing suppressors in heterologous systems

Sarmiento Guerin, Maria Cecilia; Kärblane, Kairi; Lehto, Kirsi; **Truve, Erkki** Keystone Symposium "The Biology of RNA Silencing" : Victoria, BC, April 25-30, 2009 2009 / p. 102

Functional characterization of two splice variants of rat Bad and their interaction with Bcl-w in sympathetic neurons

Hamner, S.; Arumäe, Urmas; Li-Ying, Y.; Sun, Yun-Fu; **Saarma, Mart**; Lindholm, Dan Molecular and cellular neurosciences 2001 / p. 97-106 <https://pubmed.ncbi.nlm.nih.gov/11161472/>

GLI2 cell-specific activity is controlled at the level of transcription and RNA processing : consequences to cancer metastasis

Sadam, Helle; Liivas, Urmas; **Kazantseva, Anna; Pruunsild, Priit**; Kazantseva, Jekaterina; **Timmusk, Tõnis**; Neuman, Toomas; **Palm, Kaia** Biochimica et Biophysica Acta - Molecular Basis of Disease 2016 / p. 46 - 55 <https://doi.org/10.1016/j.bbadis.2015.10.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Glial cell line-derived neurotrophic factor is expressed in penis of adult rat and retrogradely transported in penile parasympathetic and sensory nerves

Laurikainen, A.; Hiltunen, J.O.; Vanhatalo, S.; Klinge, E.; **Saarma, Mart** Cell and tissue research 2000 / p. 321-329
<https://pubmed.ncbi.nlm.nih.gov/11151444/>

High efficiency cell-free protein biosynthesis

Shinke, Yu.; Tikhomirova, L.; Ludriks, M.; Stengrevits, O. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 40

High-intensity interval and moderate-intensity continuous training on cerebral energy metabolism in older rats.

Marcourt, Cecile; Rivera, Claudio; **Tuvikene, Jürgen**; Langeard, Antoine; **Esvald, Eli-Eelika; Cabrera-Cabrera, Florencia**; **Timmusk, Tõnis; Temprado, Jean-Jacques**; Laurin, Jerome GeroScience 2025 / 16 p <https://doi.org/10.1007/s11357-025-01820-5>

High-sensitive nascent transcript sequencing reveals BRD4-specific control of widespread enhancer and target gene transcription

Bressin, A.; **Jasnovidova, Olga**; Arnold, M.; Altendorfer, E.; Trajkovski, F.; Kratz, T. A.; Handzlik, J. E.; Hnisz, D. Nature communications 2023 / art. 4971 <https://doi.org/10.1038/s41467-023-40633-y>

High-throughput sequencing approach uncovers the miRNome of peritoneal endometriotic lesions and adjacent healthy tissues

Saare, Merli; Rekker, Kadri; Laisk-Podar, Triin; Sõritsa, Deniss; Roost, Anne Mari; **Simm, Jaak**; **Velthut-Meikas, Agne**; Samuel, Külli; Metsalu, Tauno; Karro, Helle PLoS ONE 2014 / art. e112630, 9 p. : ill <https://doi.org/10.1371/journal.pone.0112630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hsa-mir-548 family expression in human reproductive tissues

Rooda, Ilmatar; Kaselt, Birgitta; Liivrand, Maria; Smolander, Olli-Pekka; Salumets, Andres; **Velthut-Meikas, Agne** BMC Genomic Data 2021 / Art. 40 <https://doi.org/10.1186/s12863-021-00997-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Human TrkB gene : novel alternative transcripts, protein isoforms and expression pattern in the prefrontal cerebral cortex during postnatal development

Luberg, Kristi; Wong, Jenny; Weickert, Cynthia Shannon; **Timmusk, Tõnis** Journal of neurochemistry 2010 / 4, p. 952-964 : ill <https://pubmed.ncbi.nlm.nih.gov/20193039/>

Identification of a novel function of the alphavirus capping apparatus. RNA 5'-triphosphatase activity of Nsp2

Vasiljeva, L.; **Merits, Andres**; Auvinen, P.; Kääriäinen, L. Journal of biological chemistry 2000 / p. 17281-17287

In vivo deuteration of transfer RNAs : overexpression and large-scale purification of deuterated specific tRNAs

Jünemann, R.; Wadzack, J.; Triana-Alonso, F.J.; Bittner, J.-U.; Caillet, J.; Meinel, T.; **Vanatalu, Kalju**; Nierhaus, K.H. Nucleic acids research 1996 / 5, p. 907-913

Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar**; Sharma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2017 / art. 11809, 17 p. <https://doi.org/10.1038/s41598-017-12235-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interactome rewiring following pharmacological targeting of BET bromodomains

Lambert, Jean-Philippe; Picaud, Sarah; Fujisawa, Takao; **Uusküla-Reimand, Liis** Molecular cell 2019 / p. 621-638.e17 : ill <https://doi.org/10.1016/j.molcel.2018.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intronic retroelements : not just "speed bumps" for RNA polymerase II

Kaer, Kristel; **Speek, Mart** Mobile genetic elements 2012 / p. 154-157 : ill <https://www.tandfonline.com/doi/pdf/10.4161/mge.20774>

Investigating the RNA silencing suppressor AtRLI2 of Arabidopsis thaliana

Gerassimenko, Jelena; **Nigul, Lenne**; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** RNAi: the future of crosstalk: focus on RNAi Technology (WG1) and Applications (WG2): iPLANTA COST Action CA15223 : book of abstract 2018 / p. 59 <http://iplanta.univpm.it/sites/iplanta.univpm.it/files/POZNAN2nd%20iPLANTA%20conference%20Poznan%202018%20Book%20of%20abstract.pdf>

Is there a plant RNase L inhibitor?

Nigul, Lenne; Buschmann, Marju; **Truve, Erkki** Journal of interferon and cytokine research 2001 / p. S122

MANF is widely expressed in mammalian tissues and differently regulated after ischemic and epileptic insults in rodent brain

Lindholm, Päivi; Peränen, Johan; Andressoo, Jaan-Olle; Kalkkinen, Nisse; Kokaia, Zaal; Lindvall, Olle; **Timmusk, Tõnis**; **Saarma, Mart** Molecular and cellular neuroscience 2008 / p. 356-371 : ill <https://pubmed.ncbi.nlm.nih.gov/18718866/>

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>

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

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

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

Gerassimenko, Jelena; **Maiste, Siim**; **Truve, Erkki**; **Sarmiento Guerin, Maria Cecilia** Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 32-33
http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Novel loading protocol combines highly efficient encapsulation of exogenous therapeutic toxin with preservation of extracellular vesicles properties, uptake and cargo activity

Zuppone, Stefania; **Zarovni, Natasa**; **Noguchi, Kosuke**; **Loria, Francesca**; **Morasso, Carlo**; **Löhmus, Andres**; **Nakase, Ikuhiko**; **Vago, Riccardo** Discover Nano 2024 / art. 76 <https://doi.org/10.1186/s11671-024-04022-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Omics approaches for subcellular translation studies

Koppel, Indrek; **Fainzilber, Mike** Molecular omics 2018 / p. 380–388 : ill <http://dx.doi.org/10.1039/c8mo00172c>

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

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

Phytochemicals as potent modulators of autophagy for cancer therapy

Moosavi, Mohammad Amin; **Haghi, Atousa**; **Rahmati, Marveh**; **Taniguchi, Hiroaki**; **Mocan, Andrei**; **Echeverria, Javier**; **Gupta, Vijai Kumar**; **Tzvetkov, Nikolay T.**; **Atanasov, Atanas G.** Cancer Letters 2018 / p. 46-69 <https://doi.org/10.1016/j.canlet.2018.02.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polyprotein processing of Cocksfoot mottle sobemovirus

Uffert, Gabriela; **Sömera, Merike**; **Söber, 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

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

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

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

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

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

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

Recovery of missing single-cell RNA-sequencing data with optimized transcriptomic references

Pool, Allan-Hermann; **Poldsam, Helen**; **Chen, Sisi**; **Thomson, Matt**; **Oka, Yuki** Nature Methods 2023 / p. 1506 - 1515
<https://doi.org/10.1038/s41592-023-02003-w> [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](#)

Research resource : small RNA-seq of human granulosa cells reveals miRNAs in FSHR and aromatase genes

Velthut, Agne; **Simm, Jaak**; **Tuuri, Timo**; **Tapanainen, Juha S.**; **Metsis, Madis**; **Salumets, Andres** Molecular endocrinology 2013 / p. 1128-1141 : ill <https://doi.org/10.1210/me.2013-1058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revisiting the expression of BDNF and its receptors in mammalian development

Esvald, Eli-Eelika; **Tuvikene, Jürgen**; **Kiir, Carl Sander**; **Avarlaid, Annela**; **Tamberg, Laura**; **Sirp, Alex**; **Shubina, Anastassia**; **Cabrera-Cabrera, Florencia**; **Pihlak, Arno**; **Koppel, Indrek**; **Palm, Kaia**; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2023 / art. 1182499 <https://doi.org/10.3389/fnmol.2023.1182499> [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 binding properties of potato A potyvirus encoded structural and non-structural proteins

Merits, Andres; Saarma, Mart ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.11.3 (1 p.)

RNA maailma avastamine

Saarma, Mart Tarkade Klubi 2010 / erinumber, lk. 26

RNA-binding activities of cocksfoot mottle sobemovirus proteins

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

Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients

Fourdinier, Ophélie; Schepers, Eva; Metzinger-Le Meuth, Valérie; Glorieux, Griet; Liabeuf, Sophie; Vanholder, Raymond; Brigant, Benjamin; Pletinck, Anneleen; **Fridolin, Ivo** Scientific reports 2019 / art. 447, 12 p. : ill <https://doi.org/10.1038/s41598-019-41101-8>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Single-cell RNA-seq analysis and cell-cluster deconvolution of the human preovulatory follicular fluid cells provide insights into the pathophysiology of ovarian hyporesponse

Roos, Kristine; Rooda, Ilmatar; Keif, Robyn-Stefany; Liivrand, Maria; Smolander, Olli-Pekka; Salumets, Andres; Velthut-Meikas, Agne Frontiers in Endocrinology 2022 / art. 945347 <https://doi.org/10.3389/fendo.2022.945347> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smoothed agonist augments proliferation and survival of neural cells

Bragina, Olga; Sergejeva, Svetlana; Serg, Martin; Žarkovsky, Tamara; Maloverjan, Alla; Kogerman, Priit; Žarkovsky, Aleksandr Neuroscience letters 2010 / 2, p. 81-85 : ill <https://pubmed.ncbi.nlm.nih.gov/20600593/>

Spatial variability of winter bacterioplankton community composition in the Gulf of Finland (the Baltic Sea)

Laas, Peeter; Simm, Jaak; Lips, Inga; Metsis, Madis Journal of marine systems 2014 / p. 127-134 : ill
<https://doi.org/10.1016/j.jmarsys.2013.07.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes

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

TAC-seq : targeted DNA and RNA sequencing for precise biomarker molecule counting

Teder, Hindrek; Koel, Mariann; Paluoja, Priit; **Velthut-Meikas, Agne** npj genomic medicine 2018 / art. 34, 8 p. : ill
<https://doi.org/10.1038/s41525-018-0072-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The glycine arginine-rich domain of the RNA-binding protein nucleolin regulates its subcellular localization

Doron-Mandel, Ella; **Koppel, Indrek; Abraham, Ofri; Rishal, Ida** The EMBO Journal 2021 / art. e107158
<https://doi.org/10.15252/embo.2020107158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The messenger RNAs for both glial cell line-derived neurotrophic factor receptors, C-ret and GDNFR, are induced in the rat brain in response to Kainate-induced excitation

Reeben, M.; Laurikainen, A.; Hiltunen, J.O.; Castren, Eero; **Saarma, Mart** Neuroscience 1998 / p. 151-159

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

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

The tumor suppressor CYLD interacts with TRIP and regulates negatively nuclear factor kappaB activation by tumor necrosis factor the GDNF family : signalling, biological functions and therapeutic value

Regamey, A.; **Kogerman, Priit** Journal of experimental medicine 2003 / 12, p. 1959-1964 <https://pubmed.ncbi.nlm.nih.gov/14676304/>

A two-cohort RNA-seq study reveals changes in endometrial and blood mirnome in fertile and infertile women

Rekker, Kadri; Altmäe, Signe; Suhorutshenko, Marina; Peters, Maire; Martinez-Blanch, Juan F.; Codoñer, Francisco M.; Vilella, Felipe; Simón, Carlos; Salumets, Andres; **Velthut-Meikas, Agne** Genes 2018 / Article nr. 574 <https://doi.org/10.3390/genes9120574>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water column microbial communities vary along salinity gradients in the Florida Coastal Everglades Wetlands

Laas, Peeter; Ugarelli, Kelly; Travieso, Rafael *Microorganisms* 2022 / art. 215 <https://doi.org/10.3390/microorganisms10020215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Virus-specific capping of tobacco mosaic virus RNA : methylation of GTP prior to formation of covalent complex p126-m7GMP

Merits, Andres; Kettunen, Reetta; Mäkinen, Kristiina; Lampio, Anja; Auvinen, Petri; Kääriäinen, Leevi; Ahola, Tero *FEBS letters* 1999 / p. 45-48 [http://dx.doi.org/10.1016/S0014-5793\(99\)00856-X](http://dx.doi.org/10.1016/S0014-5793(99)00856-X)

Virus-specific mRNA capping enzyme encoded by hepatitis E virus

Magden, Julia; Takeda, Naokazu; Li, Tiancheng; Auvinen, Petri; Ahola, Tero; Miyamura, Tatsuo; **Merits, Andres**; Kääriäinen, Leevi *Journal of virology* 2001 / p. 6249-6255 <http://dx.doi.org/10.1128/JVI.75.14.6249-6255.2001>

Vpg, coat protein and five non-structural proteins of potato A potyvirus bind RNA in a sequence-unspecific manner

Merits, Andres; Deyin, G.; **Saarma, Mart** *Journal of general virology* 1998 / p. 3123-3127