

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 onlines [8] p
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2443232/>

Allene oxide synthase-lipoxygenase pathway in coral stress response = Alleenoksiidi süntaas-lipoksügenaasi rada korallide stressivastuses
Löhelaid, Helike 2015 <https://digi.lib.ttu.ee/i/?1870> https://www.esther.ee/record=b4446782*est

Alternative splicing and expression of human and mouse NFAT genes
Vihma, Hanna; Pruunsild, Priit; Timmus, 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 in health and disease = Alternatiivne splaising haiges ja terves koes
Kazantseva, Anna 2015 <https://digi.lib.ttu.ee/i/?3954> https://www.esther.ee/record=b4532797*est

Alternative splicing of TAF4 : a dynamic switch between distinct cell functions = TAF4 alternatiivne splaising kui raku funktsioonide dünaamilise reguleerimise lülit
Kazantseva, Jekaterina 2014 https://www.esther.ee/record=b4437535*est

Analyses of non-coding somatic drivers in 2,658 cancer whole genomes
Rheinbay, Esther; Nielsen, Morten Muhlig; Abascal, Federico; Wala, Jeremiah A.; Shapira, Ofer; Tiao, Grace; Hornshøj, Henrik; Hess, Julian M.; Juul, Randi Istrup; **Uusküla-Reimand, Liis** Nature 2020 / 10 p. : ill <https://doi.org/10.1038/s41586-020-1965-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of the midbrain-hindbrain boundary cell fate using a boundary cell-specific Cre-mouse strain
Kala, Kaia; Jukkola, Tomi; **Pata, Illar**; Partanen, Juha Genesis 2008 / 1, p. 29-36 : ill <https://pubmed.ncbi.nlm.nih.gov/18196597/>

BAC transgenic mice reveal distal cis-regulatory elements governing BDNF gene expression
Koppel, Indrek; Aid-Pavlidis, Tamara; Jaanson, Kaur; Sepp, Mari; Palm, Kaia; Timmus, Tõnis Genesis 2010 / 4, p. 214-219
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2978326/>

Baculovirus expression using continuous culture of insect cells
Drews, Monika; Paalme, Toomas Baculovirus and Insect Cell Gene Expression Conference : Pinehurst, N.C., March 26-30, 1995 1995 / p. 24

Bidirectional transcription from human LRRTM2/CTNNA1 and LRRTM1/CTNNA2 gene loci leads to expression of N-terminally truncated CTNNA1 and CTNNA2 isoforms
Kask, Martin; Pruunsild, Priit; Timmus, Tõnis Biochemical and biophysical research communications 2011 / p. 56-61 : ill
<https://pubmed.ncbi.nlm.nih.gov/21708131/>

Bovine follicular fluid and extracellular vesicles derived from follicular fluid alter the bovine oviductal epithelial cells transcriptome
Hasan, Mohammed Mehedi; Viil, Janeli; Lättekivi, Freddy; Ord, James; Reshi, Qurat Ul Ain; Jäger, Kersti; **Velthut-Meikas, Agne**; Androwska, Aneta; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza International journal of molecular sciences 2020 / art. 5365 ; 16 p. : ill <https://doi.org/10.3390/ijms21155365> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A cell type-specific allele of the POU gene Oct-6 reveals Schwann cell autonomous function in nerve development and regeneration
Ghazvini, M.; **Piirsoo, Marko** EMBO journal 2002 / p. 4612-4620 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC125415/>

Cell-type-specific expression of the TFIID component TAFII135 in the nervous system
Metsis, Madis; Brunkhorst, Adrian; Neuman, Toomas Experimental cell research 2001 / p. 214-221
<https://www.sciencedirect.com/science/article/pii/S0014482701953078>

Chimeric allene oxide synthase-lipoxygenase fusion proteins
Löhelaid, Helike; Samel, Nigulas 14th International PhD Symposium: "Overcoming Chaos- Networks in Life Sciences" 24-28.10.2012, Heidelberg, Germany 2012

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation
Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> Journal metrics at Scopus Article at Scopus Journal metrics at Scopus Article at WOS

Cloning, expression and characterization of cyclooxygenase gene from amphipods

Dataset complexity in gene expression based cancer classification using ensembles of k-nearest neighbors
Okun, Oleg; **Priisalu, Helen** Artificial intelligence in medicine 2009 / 2/3, p. 151-162 <https://pubmed.ncbi.nlm.nih.gov/18790620/>

Differentiation and heterogeneity of mesenchymal stem cells = Mesenhümaalsete tüvirakkude diferentseerumine ja heterogeensus

Jäger, Kersti 2013 https://www.esther.ee/record=b2987723*est

DNA Hypomethylation and histone variant macroH2A1 synergistically attenuate chemotherapy-induced senescence to promote hepatocellular carcinoma progression

Borghesan, Michela; Fusilli, Caterina; Rappa, Francesca; Panebianco, Concetta; Rizzo, Giovanni; Oben, Jude A.; Mazzoccoli, Gianluigi; Faulkes, Chris; **Pata, Illar** Cancer Research 2016 / p. 594 - 606 <https://doi.org/10.1158/0008-5472.CAN-15-1336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of slowly increasing temperature and NaCl concentration on the expression of Hsp12-GFP2 fusion protein in *Saccharomyces cerevisiae* : an auxo-accelerostat study

Nisamedtinov, Ildar; Lindsley, G.; Karreman, R.; Orumets, Kerti; Koplimaa, Mariane; **Paalme, Toomas** FinMed 2006 : 2nd International Conference on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applicatios 2006 / p. 102-112

Effective generation of transgenic mice by Bovine papillomavirus type 1 based self-replicating plasmid that is maintained as extrachromosomal genetic element in three generations of animals

Männik, Andres; **Piirsoo, Marko**; Nordström, Kristina; Ustav, Ene; **Vennström, Björn**; **Ustav, Mart** Plasmid 2003 / 3, p. 193-204 <https://pubmed.ncbi.nlm.nih.gov/12749834/>

Effects of viral 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 Journal of general virology 2008 / p. 1502-1508 : ill <https://pubmed.ncbi.nlm.nih.gov/18474567/>

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](#)

Ensembles of k-nearest neighbors and dimensionality reduction

Okun, Oleg; **Priisalu, Helen** 2008 IEEE International Joint Conference on Neural Networks. Vols 1-8 2008 / p. 2032-2039 <https://ieeexplore.ieee.org/document/4634077>

Ensembles of nearest neighbors for gene expression based cancer classification

Okun, Oleg; **Priisalu, Helen** Supervised and unsupervised ensemble methods and their applications 2008 / p. 115-134 https://link.springer.com/chapter/10.1007/978-3-540-78981-9_6

Expression analysis of the CLCA gene family in mouse and human with emphasis on the nervous system

Piirsoo, Marko; Meijer, Dies; **Timmusk, Tõnis** BMC developmental biology 2009 / p. 10 : ill <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2653474/>

Expression and activity of 2-5A synthetase in the course of differentiation and apoptosis of PC12 cells

Lopp, Annika; Kuusksalu, Anne; Samuel, Külli; **Kelve, Merike** Cytokine 2000 / p. 737-741

Expression microarray data classification using counting grids and fisher kernel

Perina, Alessandro; **Kesa, Maria**; Bicego, Manuele 22nd International Conference on Pattern Recognition, ICPR 2014, 24–28 August 2014 Stockholm, Sweden : Proceedings 2014 / art. 6977022, 6 p.: ill <https://doi.org/10.1109/ICPR.2014.311> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Expression of neurotrophin receptors in rat testis. Upregulation of TrkA mRNA with hCG treatment

Schultz, R.; **Metsis, Madis**; Hokfelt, T.; Parvinen, M.; Pelto-Huikko, M. Molecular and cellular endocrinology 2001 / p. 121-127 <https://pubmed.ncbi.nlm.nih.gov/11500245/>

The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters

Sirp, Alex; Leite, Kristian; Tuvikene, Jürgen; Nurm, Kaja; Sepp, Mari; **Timmusk, Tõnis** Scientific reports 2020 / art. 18424 <https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Gene expression profiling of puberty-associated genes reveals abundant tissue and sex-specific changes across postnatal development

Hou, Huayun; **Uusküla-Reimand, Liis**; Makarem, Maisam; Corre, Christina; Saleh, Shems; Metcalf, Ariane; Goldenberg, Anna; Palmert, Mark R.; Wilson, Michael D. Human molecular genetics 2017 / p. 3585-3599 : ill <https://doi.org/10.1093/hmg/ddx246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genes for neurotrophic factors and their receptors : structure and regulation

Metsis, Madis Cellular and molecular life sciences 2001 / p. 1014-1020 <https://pubmed.ncbi.nlm.nih.gov/11529494/>

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

Growth and production characteristics of four mammalian cell lines on a cost-effective serum-free medium

Drews, Monika; Hunt, Reet Cells & Culture : 20th meeting of the European Society for Animal Cell Technology (ESACT) : June 17-20, 2007, Dresden, Germany 2007 / p. 3.32 https://link.springer.com/chapter/10.1007/978-90-481-3419-9_38

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, characterization and expression profiles of Fusarium udum stress-responsive WRKY transcription factors in Cajanus cajan under the influence of NaCl stress and Pseudomonas fluorescens OKC

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; **Gupta, Vijai Kumar**; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.; Meinnel, T.; **Vanatalu, Kalju**; Nierhaus, K.H. Nucleic acids research 1996 / 5, p. 907-913

In-depth analysis of transcriptomes in ovarian cortical follicles from children and adults reveals interfollicular heterogeneity

Rooda, Ilmatar; Hassan, Jasmin; Hao, Jie; Wagner, Magdalena; Moussaud-Lamodiere, Elisabeth; Jäger, Kersti; Otala, Marjut; Knuus, Katri; Lindskog, Cecilia; Velthut-Meikas, Agne Nature communications 2024 / art. 6989 <https://doi.org/10.1038/s41467-024-51185-0> [Journal metrics at Scopus](#) [Article at WOS](#)

An insight into biological datamining based on rarity and correlation as constraints

Bouasker, Souad; **Ben Yahia, Sadok**; Diallo, Gayo SAC '19 : proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing 2019 / p. 3-10 : ill <https://doi.org/10.1145/3297280.3297281> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Intronic L1 retrotransposons and nested genes cause transcriptional interference by inducing intron retention, exonization and cryptic polyadenylation

Kaer, Kristel; Branovets, Jelena; Hallikma, Anni; Nigumann, Pilvi; **Speek, Mart** PLoS ONE 2011 / p. e26099 [20 p.] <http://dx.doi.org/10.1371/journal.pone.0026099>

Lowering uncertainty of cancer classification

Okun, O.; **Priisalu, Helen** Proceedings of IPMU'08 2008 / p. 543-550 : ill

Mechanism of activity-dependent downregulation of the neuron-specific K-Cl cotransporter KCC2

Rivera, Claudio; Voipio, Juha; **Saarma, Mart** Journal of neuroscience 2004 / 19, p. 4683-4691 <https://www.jneurosci.org/content/24/19/4683>

Mechanisms of toxic action of silver nanoparticles in the protozoan Tetrahymena thermophila : from gene expression to phenotypic events

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupöld, Kaja; Kahru, Anne Environmental pollution 2017 / p. 481-489 : ill <https://doi.org/10.1016/j.envpol.2017.03.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Meta-coexpression conservation analysis of microarray data: a "subset" approach provides insight into brain-derived neurotrophic factor regulation

Aid-Pavlidis, Tamara; Pavlidis, Pavlos; **Timmusk, Tõnis** BMC genomics 2009 / p. 420 : ill

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh

Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecular characterization of basic helix-loop-helix transcription factor TCF4 : from expression to function = Aluselise heeliks-ling-heeliks transkriptsiooniteguri TCF4 ekspressooni ja funktsiooni kirjeldamine

Sirp, Alex 2023 <https://doi.org/10.23658/taltech.25/2023> <https://digikogu.taltech.ee/et/item/67e0b91f-4c35-4eeb-aee4-5da8e859ae6e>
https://www.esther.ee/record=b5567490*est

MPB2C, a microtubule-associated plant factor, is required for microturbular accumulation of tobacco mosaic virus movement protein in plants

Curin, Mirela; **Ojangu, Eve-Ly**; Trutnyeva, Kateryna; Ila, Birger; **Truve, Erkki**; Waigmann, Elisabeth Plant physiology 2007 / p. 801-811 <https://pubmed.ncbi.nlm.nih.gov/17189338/>

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

Neuronal K⁺/Cl⁻ co-transporter (KCC2) transgenes lacking neurone restrictive silencer element recapitulate CNS neurone-specific expression and developmental up-regulation of endogenous KCC2 gene

Uvarov, Pavel; Pruunsild, Priit; Timmus, Tõnis; Airaksinen, Matti S. Journal of neurochemistry 2005 / 4, p. 1144-1155
<https://pubmed.ncbi.nlm.nih.gov/16271048/>

A novel N-terminal isoform of the neuron-specific K-Cl cotransporter KCC2

Uvarov, Pavel; Ludwig, Anastasia; Markkanen, Marika; **Pruunsild, Priit**; Kaila, Kai; Delpire, Eric; **Timmusk, Tõnis**; Rivera, Claudio; Airaksinen, Matti S. Journal of biological chemistry 2007 / 42, p. 30570-30576 <https://pubmed.ncbi.nlm.nih.gov/17715129/>

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

Velthut-Meikas, Agne 2014

Oviduct as a sensor of embryo quality: deciphering the extracellular vesicle (EV)-mediated embryo-maternal dialogue

Dissanayake, Keerthie; Nõmm, Monika; Lättekivi, Freddy; Ord, James; Ressaissi, Yosra; Godakumara, Kasun; Viil, Janeli; Jääger, Kersti; **Velthut-Meikas, Agne**; Salumets, Andres Journal of molecular medicine 2021 / p. 685–697 : ill <https://doi.org/10.1007/s00109-021-02042-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

P2X4 and P2X7 receptors in evolution, physiology, inflammation, and autoimmunity = P2X4 ja P2X7 retseptorid evolutsiooni, füsioloogia, põletiku ja autoimmuunsuse kontekstis

Rump, Airi 2023 <https://doi.org/10.23658/taltech.53/2023> <https://digikogu.taltech.ee/et/item/d5c7f19b-53ae-4010-9249-2aa0b04b898e>
https://www.esther.ee/record=b5645330*est

PGC-1 α signaling increases GABA(A) receptor subunit α 2 expression, GABAergic neurotransmission and anxiety-like behavior in mice

Vanaveski, Taavi; Molchanova, Svetlana; Pham, Dan Duc; Schäfer, Annika; Pajanoja, Ceren; Narvik, Jane; Srinivasan, Vignesh; Urb, Mari; Koivisto, Maria; **Timmusk, Tõnis** Frontiers in Molecular Neuroscience 2021 / art. 588230
<https://doi.org/10.3389/fnmol.2021.588230> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Regulation of gene expression in pseudomonas putida cells exposed to changing environmental conditions

Hörak, R.; Kasak, L.; Kallastu, A.; Teras, R.; Tover, A.; Kivila, M. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 20

Regulation of NFAT transcription factors by neuronal activity = NFAT tran[s]kriptsioonitegurite närvitalitlusest sõltuv regulatsioon

Vihma, Hanna 2018 <https://digi.lib.ttu.ee/i/?9924> https://www.esther.ee/record=b5050413*est

RGS16 is involved in the TLR-mediated expression of proinflammatory cytokines and the receptors CD14 and C5aR

Suurväli, Jaanus; Saar, Regina; Saaremäe, Merle; Pahtma, Merlis; Nutt, Anu; Paalme, Viiu; Rüütel Boudinot, Sirje

Scandinavian journal of immunology 2011 / p. 366-367

<https://www.researchgate.net/publication/295669667> RGS16 is Involved in the TLR-

Secretome profiling reveals virulence-associated proteins of *Fusarium proliferatum* during interaction with banana fruit
Li, Taotao; Wu, Yu; Wang, Yong; Gao, Haiyan; **Gupta, Vijai Kumar**; Duan, Xuewu; Qu, Hongxia; Jiang, Yueming *Biomolecules* 2019 / Art. nr. 246 <https://doi.org/10.3390/biom9060246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spermatozoa induce transcriptomic alterations in bovine oviductal epithelial cells prior to initial contact

Reshi, Qurat Ul Ain; Viil, Janeli; Ord, James; Lättekivi, Freddy; Godakumara, Kasun; Hasan, Mohammed Mehedi; Nõmm, Monika; Jäger, Kersti; **Velthut-Melkas, Agne**; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza *Journal of cell communication and signaling* 2020 / p. 439–451 <https://doi.org/10.1007/s12079-020-00575-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Steroidhormoonide sihtmärkgeenid endomeetriumi rakuliinides

Tamm, Karin; Rõõm, Milla; Salumets, Andres; **Metsis, Madis** *Eesti Arst* 2008 / 9, lk. 679 https://artiklid.elnet.ee/record=b1065771*est

Stroke induces widespread changes of gene expression for glial cell line-derived neurotrophic factor family receptors in the adult rat brain

Arvidsson, A.; Kokaia, Zaal; Airaksinen, Matti S.; **Saarma, Mart**; Lindvall, O. *Neuroscience* 2001 / p. 27-41 <https://pubmed.ncbi.nlm.nih.gov/11564414/>

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

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

Structure, alternative splicing, and expression of the human and mouse KCNIP gene family

Pruunsild, Priit; Timmus, Tõnis *Genomics* 2005 / 5, p. 581-593 <https://pubmed.ncbi.nlm.nih.gov/16112838/>

Suguhormoonidest sõltuv geeniekspresioon inimese endomeetriumis

Tamm, Karin TalveAkadeemia : ute ideede kohtumispaiak : Talveakadeemia 2008 üliõpilaste teadusartiklite konkursi kogumik 2008 / lk. 4-11 https://artiklid.elnet.ee/record=b1304544*est

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes

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

Synaptogenesis upregulates KCC2 expression in cultured hippocampal neurons

Ludwig, Anastasia; **Saarma, Mart**; Kaila, Kai; Rivera, Claudio *The 3rd Forum of European Neuroscience* 2002 / p. 078.13

The neuronal ceroid lipofuscinosis Cln8 gene expression is developmentally regulated in mouse brain and up-regulated in the hippocampal kindling model of epilepsy

Lonka, Liina; Aalto, Antti; Kopra, Outi; Kuronen, Mervi; Kokaia, Zaal; **Saarma, Mart**; Lehesjoki, Anna-Elina *BMC neuroscience* 2005 / 1, p. 27 <https://doi.org/10.1186/1471-2202-6-27>

Tissue-specific and neural activity-regulated expression of human BDNF gene in BAC transgenic mice

Koppel, Indrek; Aid-Pavlidis, Tamara; Jaanson, Kaur; Sepp, Mari; Pruunsild, Priit; Palm, Kaia; Timmus, Tõnis *BMC neuroscience* 2009 / p. 68 <https://psycnet.apa.org/record/2009-11273-001>

Traveling on discrete embeddings of gene expression

Lovato, Pietro; Bicego, Manuele; **Kesa, Maria**; Jojic, Nebojsa; Murino, Vittorio; Perina, Alessandro *Artificial Intelligence in Medicine* 2016 / p. 1-11 <https://doi.org/10.1016/j.artmed.2016.05.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2-5A system - existence and applications in plants

Nigul, Lenne; Aaspöllu, Anu; Aader, Ants; Kuusksalu, Anne; **Truve, Erkki** EMBO Workshop "Post-transcriptional Regulation of Gene Expression in Plants" : Leysin, 1999 1999 / p. cp1

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

Jäger, 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](#)

YAP1 over-expression in *Saccharomyces cerevisiae* enhances glutathione accumulation at its biosynthesis and substrate availability levels

Orumets, Kerti; Kevvai, Kaspar; Nisamedtinov, Ildar; Tamm, Tiina; **Paalme, Toomas** *Biotechnology journal* 2012 <https://pubmed.ncbi.nlm.nih.gov/22009669/>