

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/>

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

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 in health and disease = Alternatiivne splaining haiges ja terves koes
Kazantseva, Anna 2015 <https://digi.lib.ttu.ee/ii/?3954> https://www.ester.ee/record=b4532797*est

Alternative splicing of TAF4 : a dynamic switch between distinct cell functions = TAF4 alternatiivne splaining kui raku funktsioonide dünaamilise reguleerimise lüüti
Kazantseva, Jekaterina 2014 https://www.ester.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; Timmusk, 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; Timmusk, 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; Jääger, 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
Löhela, 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

Hansen, K.; Kurg, Reet; **Varvas, Külliki; Valmsen, Karin; Järving, Ivar; Järving, Reet; Samel, Nigulas** FEBS journal 2008 / Suppl. 1, p. 403

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

Jääger, Kersti 2013 https://www.ester.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.; Mazzocchi, 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 Applications 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.; Peltö-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.; Meinel, 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-Lamodièrre, Elisabeth; Jääger, Kersti; Ojala, 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 Scopus](#) [Journal metrics at WOS](#) [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; Orupõld, 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 transkriptsioonitegurite TCF4 ekspressiooni ja funktsiooni kirjeldamine

Sirp, Alex 2023 <https://doi.org/10.23658/taltech.25/2023> <https://digikogu.taltech.ee/et/Item/67e0b91f-4c35-4eeb-ae4-5da8e859ae6e>
https://www.ester.ee/record=b5567490*est

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

Curin, Mirela; **Ojangu, Eve-Ly**; Trutnyeva, Kateryna; Ilau, 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; **Timmusk, 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 folliikul kui munaraku küpsemise keskkond : granulosoosrakude ja follikulaarvedeliku roll ovulatsioonieelses arengus

Velthut-Meikas, Agne 2014

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

Dissanayake, Keerthie; Nömm, 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.ester.ee/record=b5645330*est

PGC-1 α signaling increases GABA(A) receptor subunit $\alpha 2$ 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.ester.ee/record=b2324657*est

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

Hõrak, R.; Kasak, L.; Kallastu, A.; Teras, R.; Tover, A.; Kivisaar, 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.ester.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, Viu; Rüütel Boudinot, Sirje
Scandinavian journal of immunology 2011 / p. 366-367
<https://www.researchgate.net/publication/295669667> RGS16 is Involved in the TLR-

RNA m6A methyltransferase activator affects anxiety-related behaviours, monoamines and striatal gene expression in the rat

Kanarik, Margus; Liiver, Kristi; **Norden, Marianna**; Teino, Indrek; Org, Tõnis; Laugus, Karita; Shimmo, Ruth; Karelson, Mati; Saarma, Mart; Harro, Jaanus *Acta Neuropsychiatrica* 2024 / art. e52 <https://doi.org/10.1017/neu.2024.36> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Jääger, Kersti; **Velthut-Meikas, 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, Miia; 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.ester.ee/record=b2604919*est

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

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

Suguhormoonidest sõltuv geeniekspressioon inimese endomeetriumis

Tamm, Karin *TalveAkadeemia : uute ideede kohtumispäik : 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.ester.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; Timmusk, 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; Aaspõllu, 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

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](#)

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/>