

A novel human gene, DAD-R, maps to 12p12 and is expressed in several organs

Kuittinen, T.; Eggert, A.; Lindholm, Päivi; Horelli-Kuitunen, Nina; Palotie, A.; Maris, J.M.; **Saarma, Mart** FEBS letters 2000 / p. 233-236

A novel indicator system for gene cloning

Urbanavicius, J.; Meshkys, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 42

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

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

Mätlík, 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](#)

ABCE proteins in plants

Jakobson, Liina; **Mõttus, 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 supressioonis ja nende evolutsioonis

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

Antisense promoter of human L1 retrotransposon drives transcription of adjacent cellular genes

Speek, Mart Molecular and cellular biology 2001 / p. 1973-1985 : ill

Biomolecules, genes and medicine

Saarma, Mart 4th Baltic Conference of Haematology : 13-15 May 2004, Tallinn, Estonia : [final programme and abstracts] 2004 / p. 8-9

CDH 13 as a novel susceptibility gene for blood pressure regulation

Org, Elin; Eyheramendy, Susana; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 68-69

Characterization of the rodent PLXNB3 gene and its minimal promoter

Tiismus, Liivi; **Laht, Piret**; Otsus, Maarja; **Veske, Andres** Axon guidance, synaptogenesis and neural plasticity : Cold Spring Harbor, 2008, September 10-14 2008 / p. 243

Chromosome 19 annotations with disease speciation : a first report from the global research consortium

Nilsson, Carol Lynn; Berven, Frode Steingrimsen; Selheim, Frode; Liu, Huiling; Moskal, Joseph R.; Kroes, Roger A.; Sulman, Erik P.; Conrad, Charles A.; Lang, Frederick F.; Andrén, Per Erik; Nilsson, Anna; Carlsohn, Elisabet; **Fehniger, Thomas Edward**; **Lindberg, Henrik** Journal of Proteome Research 2013 / p. 135 - 150 <https://doi.org/10.1021/pr3008607> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chromosome location of genes for powdery mildew resistance in the common wheat cultivar Helle

Peuša, Hilma; **Sadam, Helle**; **Enno, Tamara** Annu Wheat Newslett 2005 / p. 29-31

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

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

Cloning of yeast Candida maltosa genes, conferring resistance to growth inhibitors, and its use in biotechnology

Sasnauskas, K.; Lebedys, J.; Lebediene, E.; Jomantiene, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 39

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; Peusa, Hilma; Järve, Kadri; Timofejeva, Ljudmilla**
Abstracts of the Plant and Animal Genome XX Conference : San-Diego California, US 2012 / p. 313

Combined catechol-O-methyltransferase and [micro]-opioid receptor gene polymorphisms affect morphine postoperative analgesia and central side effects

Kolesnikov, Yuri; Gabovits, Boris; Levin, Ariel; Voiko, Edward; **Veske, Andres** Anesthesia and analgesia 2011 / p. 448-453 : ill

Correction to: Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (*Eleusine coracana* (L.)) (3 Biotech, (2018), 8, 12, (499), 10.1007/s13205-018-1511-9)

Avashthi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; **Gupta, Vijai Kumar;** Ramteke, Pramod Wasudeo; Kumar, Anil 3 Biotech 2019 / p. 337 <https://doi.org/10.1007/s13205-019-1864-8> [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](#)

Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli [Võrguväljaanne]

Velthut-Meikas, Agne novaator.err.ee 2021 [Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsamat rolli](#)

Eesti geeniteadlased rabelevad kümnetes uurimisrühmades : [TTÜ teadlased Tõnis Timmusk, Indrek Koppel ja Priit Pruunsild]

Ojakivi, Mirko Eesti Päevaleht 2007 / lk. 6 <https://epl.delfi.ee/artikkel/51097409/eesti-geeniteadlased-rabelevad-kumnetes-uurimisrühmades>

Eesti geenivaramu kogub jõudu : [E.Truve, A.Rannamäe, J.Pikani poolt pressikonverentsil kõneldust]

Maksimov, Sille; **Truve, Erkki;** Rannamäe, Andres; Pikani, Jaanus Terviseleht 2000 / 13. sept., lk. 3 : fot https://artiklid.elnet.ee/record=b1659304*est

Eesti teadlased avastasid nahavähi ravimiseks geeni : [Priit Kogermani juhitud töögrupi avastusest]

Põhjarannik 1999 / lk. 2

Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi [Võrguväljaanne]

Timmusk, Tõnis novaator.err.ee 2021 / fot [Eesti teadlased otsivad ravi levinud haigusele, mis ajab silmad villi](#)

Eestil on oma geeniseadus

Truve, Erkki Loodus 1999 / juuli, Geenileht, lk. 6

EGFR signaling promotes β -cell proliferation and survivin expression during pregnancy

Hakonen, Elina; Ustinov, Jarkko; **Palgi, Jaan;** Miettinen, Päivi J.; Otonkoski, Timo PLoS ONE 2014 / art. e93651, 11 p. : ill <https://doi.org/10.1371/journal.pone.0093651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An 840 kb distant upstream enhancer is a crucial regulator of catecholamine-dependent expression of the BDNF gene in astrocytes

Avarlaid, Annela; Esvald, Eli-Eelika; Koppel, Indrek; Parkman, Annabel; Zhuravskaya, Anna; Makeyev, Eugene V.; **Tuvikene, Jürgen;** Timmusk, Tõnis Glia 2023 / p. 90-110 : ill <https://doi.org/10.1002/glia.24463>

Endometrial transcriptome analysis indicates superiority of natural over artificial cycles in recurrent implantation failure patients undergoing frozen embryo transfer

Altmäe, Signe; **Tamm-Rosenstein, Karin;** Esteban, Francisco J.; **Simm, Jaak;** Kolberg, Liis; Peterson, Hedi; Metsis, Madis Reproductive BioMedicine Online 2016 / p. 597 - 613 <https://doi.org/10.1016/j.rbmo.2016.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Evidence based study of blood pressure candidate genes using genome wide association data

Sõber, Siim; Eyheramendy, Susana; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 77-78

Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1

Reintamm, Tõnu; Aas-Valleriani, Nele; Kelve, Merike Gene 2019 / p. 1-11 <https://doi.org/10.1016/j.gene.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolutionary origin of the P2X7 C-ter region : capture of an ancient ballast domain by a P2X4-Like gene in ancient jawed vertebrates

Rump, Airi; Smolander, Olli-Pekka; Rützel Boudinot, Sirje; Kanellopoulos, Jean; Boudinot, Pierre *Frontiers in immunology* 2020 / art. 113, 15 p. : ill <https://doi.org/10.3389/fimmu.2020.00113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression and sequence homology of GDNF family receptors suggest roles in cell-cell interactions

Airaksinen, Matti S.; Suvanto, P.; Moshnyakov, M.; **Saarma, Mart** *The Third International Meeting : Hirschsprung Disease and Related Neurochristopathies, Evian, February 5-8, 1998* 1998 / p. 7

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

Expression of the PTCH1 tumor suppressor gene is regulated by alternative promoters and a single functional Gli-binding site

Agren, Marie; **Kogerman, Priit;** Kleman, Marika I.; Wessling, Martina; Toftgard, Rune *Gene* 2004 / p. 101-114 : ill <https://pubmed.ncbi.nlm.nih.gov/15087129/>

A framework for solving hard variants of stable matching within a limited time

Veskioja, Tarmo; Vöhandu, Leo *Proceedings of the IADIS International Conference : Applied Computing 2004 : Lisbon, Portugal, March 23-26, 2004* 2004 / p. II-177 - II-182 https://www.researchgate.net/publication/254104997_A_FRAMEWORK_FOR_SOLVING_HARD_VARIANTS_OF_STABLE_MATCHING_WITHIN_A_LIMITED_TIME

Geen, mis eelistab paremat kätt : [rahvusvahelise teadlasterühma teadussaavutustest, TTÜst rühmas Tõnis Timmusk, Indrek Koppel, Priit Pruunsild]

Selles tarkuses näha süsteemi 2010 / lk. 93-96

Geenid - pärilikkuse kandjad : [teadusuuringutest TTÜs ja Keemilise ja Bioloogilise Füüsika Instituudis : vestlus Lilian Järveküljega]

Rätsep, Artur; **Järvekülg, Lilian** *Mustamäe* 1999 / nr. 12, dets., lk. 3: fot

Geenid aitavad peatselt südamehaigusi ennetada

Vikat, Marilin *Postimees* 2021 / Lk. 24 : fot <https://dea.digar.ee/article/postimees/2021/01/26/21.5>

Geenid katavad meie toidulaua : inimene tahab juhtida looduslikku valikut : [vestlus Mart Saarmaga]

Saarma, Mart; Kändler, Tiit *Eesti Päevaleht* 1997 / 26. okt.: portr

Geenilaua küsimused : [Tiit Kändleri vestlusring : vastavad] Priit Kogerman, ... Erkki Truve [jt.]

Kändler, Tiit; **Kogerman, Priit; Truve, Erkki** *Lehed ja tähed : [looduse ja teaduse aastaraamat 2002]* 2003 / lk. 200-206 : ill., portr

Geenit ja geenitehnikka - Suomen teolisuuden tulevat veturit

Saarma, Mart *Helsinki info* 2000 / 3, s. 27

Geenitoit. Kas seinale maalitud koll?

Truve, Erkki *Horisont* 1997 / 7, lk. 20-23: ill https://artiklid.elnet.ee/record=b2034712*est

Geenivaramu pakub põnevust ka teisel pool lahte. Esimene Eesti teaduspäev Soomes [28. aprillil : Mart Saarma jt. esinejate kommentaaridega]

Kändler, Tiit; **Saarma, Mart** *Eesti Päevaleht* 2001 / 7. mai, lk. 7 : fot

Geeniväänajad teevad imetrikke : [Erkki Truve kommentaaridega]

Kändler, Tiit; **Truve, Erkki** *Eesti Päevaleht* 1999 / 10. jaan., Pühapäevaleht, lk. 12, 13 : ill., fot

Gene silencing in tobacco protoplasts

Nigul, Lenne; Sarmiento Guerin, Maria Cecilia; Truve, Erkki *Biology of Plant-Microbe Interactions : proceedings of the 9th International Congress on Molecular Plant-Microbe Interactions, Amsterdam, the Netherlands, July 25-30, 1999* 2000 / p. 140-141

Gene silencing in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Nigul, Lenne; Aader, Ants; Kuusksalu, Anne; **Truve, Erkki** *11th International Congress of*

Gene silencing suppression in plants

Sarmiento Guerín, Maria Cecilia VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

Genes 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

Genes targeted by the estrogen and progesterone receptors in the human endometrial cell lines HEC1A and RL95-2

Tamm, Karin; Rõõm, Miia; Salumets, Andres; **Metsis, Madis** Reproductive biology and endocrinology 2009 / 12 p. : ill <https://pubmed.ncbi.nlm.nih.gov/20034404/>

Genomic features and copper biosorption potential of a new Alcanivorax sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)

Ramasamy, Kesava Priyan; Rajasabapathy, Raju; **Lips, Inga;** Mohandass, Chellandi; James, Rathinam Arthur Genomics 2020 / p. 3268-3273 <https://doi.org/10.1016/j.ygeno.2020.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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>

Horizontal transfer of released phe-genes in the wild

Peters, M.; Talpsep, E.; Heinaru, E.; Heinaru, A.; Nurk, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 29

HsRLI is the first human endogenous suppressor of RNA silencing identified

Kärblane, Kairi; Gerassimenko, Jelena; **Maloverjan, Alla;** Smialowska, Agata; **Nigul, Lenne;** Truve, Erkki; **Sarmiento Guerín, Maria Cecilia** Keystone Symposia : Mechanism and Biology of Silencing. Monterey, CA 2011

Human genes are transcribed from the antisense promoter of L1 retrotransposon

Mätilk, Kert; Nigumann, Pilvi; Redik, Kaja; **Speek, Mart** Bioinformatics 2002 2002 / p. 56

Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudsete inhibiitoriteni

Luberg, Kristi 2017 <https://digi.lib.ttu.ee/i/?7373> https://www.ester.ee/record=b4665007*est

Huntingtin interacts with REST/NRSF to modulate the transcription of NRSE-controlled neuronal genes

Zuccato, Chiara; Tartari, Marzia; **Timmusk, Tõnis** Nature genetics 2003 / 1, p. 76-83 <https://pubmed.ncbi.nlm.nih.gov/12881722/>

Hypervariable region in human Na(+)-Ca(2+) exchanger (NCX1) intronic region is associated with cardiovascular traits

Kepp, Katrin; Org, Elin; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 22-23

Identification of cis-elements and transcription factors regulating neuronal activity-dependent transcription of human BDNF gene

Pruunsild, Priit; Sepp, Mari; Orav, Ester; Koppel, Indrek; **Timmusk, Tõnis** The journal of neuroscience 2011 / p. 3295-3308 : ill <https://pubmed.ncbi.nlm.nih.gov/21368041/>

Identification of the gene transcription repressor domain of Gli3

Tsanev, Robert; Tiigimägi, Piret; Michelson, Piret; **Metsis, Madis;** Osterlund, Torben; Kogerman, Priit FEBS letters 2009 / 1, p. 224-228 : ill <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697317/>

Improving abiotic stress tolerance of forage grasses - prospects of using genome editing

Sustek-Sanchez, Ferenz; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike;** Jaškune, Kristina; Kovi, Mallikarjuna Rao; Statkevičiute, Gražina; **Sarmiento Guerin, Maria Cecilia** Frontiers in plant science 2023 / art. 1127532

<https://doi.org/10.3389/fpls.2023.1127532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inimese klooniimine - aga milleks?

Truve, Erkki Eesti Päevaleht 2000 / 19. apr., lk. 2 : portr https://artiklid.elnet.ee/record=b1637069*est

Integrating gene and protein expression data with genome-scale metabolic networks to infer functional pathways

Pey, Jon; **Valgepea, Kaspar;** Rubio, Angel; Beasley, John E; Planes, Francisco Javier BMC Systems Biology 2013 / art. 134

<https://doi.org/10.1186/1752-0509-7-134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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>

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>

Kaks tsüklooksügenaasi kodeerivat geeni korallist *Gersemia fruticosa*

Järving, Reet; Järving, Ivar; Samel, Nigulas XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 35

Käelisuse ja skisofreenia seostest

Timmusk, Tõnis Horisont 2010 / 5, lk. 6 : portr https://artiklid.elnet.ee/record=b2155629*est

L1 antisense promoter drives tissue-specific transcription of human genes

Mätlik, Kert; Redik, Kaja; **Speek, Mart** Journal of biomedicine and biotechnology 2006 / p. 71753 [16 p.]

<https://pubmed.ncbi.nlm.nih.gov/16877819/>

LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia

Francks, C.; Maegawa, S.; **Timmusk, Tõnis; Pruunsild, Priit; Koppel, Indrek** Molecular psychiatry 2007 / p. 1129-1139

https://www.researchgate.net/publication/6171287_LRRTM1_on_chromosome_2p12_is_a_maternally_suppressed_gene_that_is_associated_paternally_with_handedness_and_schizophrenia

Läbimurre geeniravis: sünnist saati liikumisvõimetu noormees õpib 27 aastaselt rääkima ja kõndima

Vainküla, Kirsti Eesti Ekspress 2021 / Lk. 20-22 : fot "[Läbimurre geeniravis](https://dea.digar.ee/publication/eestiekspress)" <https://dea.digar.ee/publication/eestiekspress>

Meiotic genes and proteins in cereals

Jenkins, G.; Phillips, D.; Mikhailova, E.I.; **Timofejeva, Ljudmilla;** Jones, R.N. Cytogenetic and genome research 2008 / 3/4, p. 291-301

Metabolic reprogramming accompanying the development of colorectal cancer = Kolorektaalvähi arenguga kaasnev metaboolne ümberprogrammeerimine

Reinsalu, Leenu 2024 https://www.ester.ee/record=b5708354*est <https://digikogu.taltech.ee/et/Item/127398f7-c150-42ac-bf23-f7d3ff34331f> <https://doi.org/10.23658/taltech.63/2024>

MikroRNA-d, nende geenid ja mõju geenide koguarvule genoomides

Truve, Erkki Pärandumise printsiip 2006 / lk. 37-38

Minimal set of genes required for sobemovirus replication

Mitochondrial respiration in KRAS and BRAF mutated colorectal tumors and polyps

Rebane-Klemm, Egle; Truu, Laura; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Bogovskaja, Jelena; Afanasjev, Vladimir; Suurmaa, Külliki; Valvere, Vahur; Käämbre, Tuuli Cancers 2020 / art. 815 <https://doi.org/10.3390/cancers12040815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neuralized-2: expression in human and rodents and interaction with Delta-like ligands

Rullinkov, Grete; Tamm, Richard; Sarapuu, Anzelika; Lauren, Juha; **Sepp, Mari; Palm, Kaia; Timmusk, Tõnis** Biochemical and biophysical research communications 2009 / 3, p. 420-425 : ill <https://www.sciencedirect.com/science/article/pii/S0006291X09017434>

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>

Nobeli keemiapreemia läks geenikäärde loojatele

Oidermaa, Jaan-Juhan; Ojamets, Indrek novaator.err.ee 2020 / 1 lk. : ill [Nobeli keemiapreemia läks geenikäärde loojatele](#)

Novel polymorphic AluYb8 insertion in hypertension candidate gene WNK1

Putku, Margus; Kepp, Katrin; **Viigimaa, Margus** Annual Conference of Institute of Molecular and Cell Biology and Estonian Biocentre : 15.12.2009-16.12.2009 2009 / p. 72-73

Nuclear factor of activated T-cells isoform c4 (NFATc4/NFAT3) as a mediator of anti-apoptotic transcription in NMDA receptor-stimulated cortical neurons

Vashishta, Aruna; Habas, Agata; **Pruunsild, Priit;** Zheng, Jing-Juan; **Timmusk, Tõnis;** Hetman, Michal Journal of neuroscience 2009 / 48, p. 15331-15340 <https://pubmed.ncbi.nlm.nih.gov/19955386/>

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](#)

Phylogenetic insight into ABCE gene subfamily in plants

Jakobson, Liina; Möttus, Jelena; Suurväli, Jaanus; **Sõmera, Merike; Tarassova, Jemilia;** Nigul, Lenne; Smolander, Olli-Pekka Aukusti; **Sarmiento Guerin, Maria Cecilia** Frontiers in Genetics 2024 / art. 1408665 <https://doi.org/10.3389/fgene.2024.1408665> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

Sildever, Sirje; Laas, Peeter; Kolesova, Natalja; Lips, Inga; Lips, Urmas; Nagai, Satoshi Metabarcoding and metagenomics 2021 / p. 175-197 : ill <https://doi.org/10.3897/mbmg.5.72371> [Journal metrics at Scopus](#) [Article at Scopus](#)

Plexin B3 is genetically associated with verbal performance and white matter volume in human brain

Rujescu, D.; Meisenzahl, E.M.; **Veske, Andres** Molecular psychiatry 2007 / 2, p. 190-194 : ill https://www.researchgate.net/publication/6760959_Plexin_B3_is_genetically_associated_with_verbal_performance_and_white_matter_volume_in_human_brain

Professor Viigimaa: kui geenid on kehvad, tuleb eluviis veelgi tervislikumaks muuta

postimees.ee 2021 https://leht.postimees.ee/7164433/professor-viigimaa-kui-geenid-on-kehvad-tuleb-eluviis-veelgi-tervislikumaks-muuta?_ga=2.13857330.405993413.1619245446-904880201.1578765999

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](#)

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

Structural and functional features of the P2X4 receptor : an immunological perspective

Kanellopoulos, Jean M.; Almeida-da-Silva, Cassio Luiz Coutinho; **Rüütel Boudinot, Sirje;** Ojcius, David M. Frontiers in immunology 2021 / art. 645834, 21 p. : ill <https://doi.org/10.3389/fimmu.2021.645834> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Suguhormoonidest sõltuv geeniekspressioon inimese endomeetriumis

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

Suur meditsiini ime! Sünnist saati liikumisvõimetu noormees õpib 27aastaselt kõndima ja rääkima [Võrguväljaanne]

Vainküla, Kirsti ekspress.delfi.ee 2021 <https://ekspress.delfi.ee/artikkel/92591245/meditsiini-ime-sunnist-saati-liikumisvoimetu-noormees-opib-27aastaselt-kondima-ja-raakima>

Taimes avastati imetaja geeni teisik : [vestlus Erkki Truvega]

Kändler, Tiit; Truve, Erkki Eesti Päevaleht 2000 / 7. apr., lk. 10 : fot https://artiklid.elnet.ee/record=b1637278*est

Tarkuse juuri otsimas

Esvald, Ele-Liis Horisont 2012 / lk. 5 https://artiklid.elnet.ee/record=b2527711*est

The AtRAD51C gene is required for normal meiotic chromosome synapsis and double-stranded break repair in Arabidopsis

Li, W.; Yang, X.; Lin, Z.; Timofejeva, Ljudmilla; Xiao, R.; Makaroff, Christopher A.; Ma, H. Plant physiology 2005 / 2, p. 965-976 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1150411/>

Toxicity of CuO nanoparticles to yeast saccharomyces cerevisiae BY4741 wild-type and its nine isogenic single-gene deletion mutants

Kasemets, Kaja; Suppi, Sandra; Künnis-Beres, Kai; Kahru, Anne Chemical Research in Toxicology 2013 / p. 356 - 367 <https://doi.org/10.1021/tx300467d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (Eleusine coracana (L.))

Avasthi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; Gupta, Vijai Kumar; Ramteke, Pramod Wasudeo; Kumar, Anil 3 Biotech 2018 / Art. nr. 499 <https://doi.org/10.1007/s13205-018-1511-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tõnis Timmusk uurib organismi toimimise aluseid

Laurisaar, Riho Eesti Päevaleht 2010 / lk. 7

An upstream enhancer and MEF2 transcription factors fine-tune the regulation of the Bdnf gene in cortical and hippocampal neurons

Avalaid, Annela; Falkenberg, Kaisa; Lehe, Karin; Mudo, Giuseppa; Belluardo, Natale; Di Liberto, Valentina; Frinchi, Monica; Tuvikene, Jürgen; Timmusk, Tõnis Journal of biological chemistry 2024 / art. 107411, 12 p. : ill <https://doi.org/10.1016/j.jbc.2024.107411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uudne diagnostikameetod määrab ära päriliku rinnavähiriski : [TTÜ Vähiuuringute Tehnoloogia Arenduskeskuse teadustööst]

Lõhmus, Alo Postimees 2008 / 1. aug., lk. 4-5 <https://www.postimees.ee/23910/uudne-diagnostikameetod-maarab-ara-pariliku-rinnavahiriski>

Vasakukaelisuse ja skisofreenia seos selgus Eesti teadlaste abiga : [Indrek Koppeli, Tõnis Timmusk ja Priit Pruunsilla uurimistööst]

Lõhmus, Alo Postimees 2007 / lk. 3 : fot <https://www.postimees.ee/1692089/vasakukaelisuse-ja-skisofreenia-seos-selgus-eesti-teadlaste-abiga>

Wolframin deficiency is accompanied with metabolic inflexibility in rat striated muscles

Tepp, Kersti; Aid-Vanakova, Jekaterina; Puurand, Marju; Timohhina, Natalja; Reinsalu, Leenu; Tein, Karin; Plaas, Mario; Ševtšuk, Igor; Terasmaa, Anton; Käämbre, Tuuli Biochemistry and Biophysics Reports 2022 / art. 101250 <https://doi.org/10.1016/j.bbrep.2022.101250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Чудо медицины! Неподвижный с рождения молодой человек в 28 лет учится ходить и говорить [Online resource]

Vainküla, Kirsti rus.delfi.ee 2021 ["Чудо медицины! Неподвижный с рождения молодой человек в 28 лет учится ходить и говорить"](https://rus.delfi.ee/Чудо-медицины-Неподвижный-с-рождения-молодой-человек-в-28-лет-учится-ходить-и-говорить)