

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/>

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; **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.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

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; **Silvever, 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 2024 / p. 90-110 : ill <https://doi.org/10.1002/glia.24463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Sóber, 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; **Järvekül, 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 geeniteknika - 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 Virology : Sydney, 1999* 1999 / p. 163

Gene silencing suppression in plants

Sarmiento Guerin, 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 = Östradioli ja progesterooni reguleeritud geenid inimese endomeetriumis

Rosenstein, Karin 2016 https://www.estonianscience.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.bbdis.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, Jelen; **Maloverjan, Alla;** Smialowska, Agata; **Nigul, Lenne;** **Truve, Erkki;** **Sarmiento Guerin, Maria Cecilia** Keystone Symposia : Mechanism and Biology of Silencing. Monterey, CA 2011

Human genes are transcribed from the antisense promoter of L1 retrotransposon

Mätlik, 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.estonianscience.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

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 aastasel 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

Olsper, Allan; Kamsol, Kristjan; Nummert, Grete; Sarmiento Guerin, Maria Cecilia; Sõmera, Merike; Truve, Erkki VI Baltic Genetics Congress : September 30 - October 3, 2015, Institute of Molecular and Cell Biology, Tartu, Estonia : book of abstracts 2015 / 1 p

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; Ojams, 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](#)

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

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 Talve Akadeemia : uute ideede kohtumispäik : 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

Avarlaid, 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 Timmuski 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"](#)