

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

Allele distribution at nine STR loci - D3S1358, vWA, FGA, TH01, TPOX, CSF1PO, D5S818, D13S317 and D7S820 - in an Estonian population sample

Aaspõllu, Anu; **Sumeri, Ingrid; Kelve, Merike** Progress in forensic genetics 2000 / p. 129-131

Biochemical and genetic evidence for interactions between potato A potyvirus-encoded proteins P1 and P3 and proteins of the putative replication complex

Merits, Andres; Guo, D.; Järvekülg, Lilian; Saarma, Mart Virology 1999 / p. 15-22

Characterization of ms32, a bHLH gene required for tapetum development in maize

Moon, Jihyun; Kremling, Karl; **Timofejeva, Ljudmilla** 54th Annual Maize Genetics Conference : program and abstracts : March 15-18, 2012, Portland, Oregon 2012 / p. 97, P104

Corrections to “A novel computational approach for global alignment for multiple biological networks”

Ben Yahia, Sadok; Djeddi, Warith Eddine; Nguifo, Engelbert Mephu IEEE/ACM transactions on computational biology and bioinformatics 2019 / p. 700 <https://doi.org/10.1109/TCBB.2019.2895762>

Corticosterone induces DNA methyltransferases expression in rat cortical neurons

Urb, Mari; Anier, Kaili; Matsalu, Terje; Aonurm-Helm, Anu; **Timmusk, Tõnis** SpringerPlus 2015 / p. 30, P50
<http://dx.doi.org/10.1186/2193-1801-4-S1-P50>

CREB family transcription factors are major mediators of BDNF transcriptional autoregulation in cortical neurons

Esvald, Eli-Eelika; Tuvikene, Jürgen; Sirp, Alex; Patil, Sudarshan; Bramham, Clive; Timmusk, Tõnis Journal of neuroscience 2020 / p. 1405-1426 : ill <https://doi.org/10.1523/JNEUROSCI.0367-19.2019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti autori geneetikaõpik

Veske, Andres Horisont 2013 / lk. 59 https://artiklid.elnet.ee/record=b2606698*est

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

Effectiveness and feasibility of cardiovascular disease personalized prevention on high polygenic risk score subjects : a randomized controlled pilot study

Guerra Manzanares, Alejandro; Viigimaa, Margus; Jürisson, Mikk; Pisarev, Heti; Kalda, Ruth; Alavere, Helene; Irs, Alar; Saar, Aet; Fischer, Krista; Läll, Kristi; Kruuv-Käo, Krista; Mars, Nina; Widen, Elisabeth; Ripatti, Samuli; Metspalu, Andres European Heart Journal Open 2022 / Art. oeac079 <https://doi.org/10.1093/ehjopen/oeac079> [Article at Scopus](#) [Journal metrics at Scopus](#)

ELIMÄKI Locus is required for vertical proprioceptive response in birch trees

Alonso-Serra, Juan; Shi, Xueping; Peaucelle, Alexis; **Smolander, Olli-Pekka** Current biology : CB 2020 / p. 589-599
<https://doi.org/10.1016/j.cub.2019.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elu loomine katseklaasis on lähemal kui kunagi varem

Krustok, Jüri Eesti Päevaleht 2000 / 5. veebr., lk. 16 https://artiklid.elnet.ee/record=b1637141*est

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; Rüütel 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](#)

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

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

Geneetik Andres Veske (4.7.1965 – 23.10.2022) [Võrguväljaanne]

Tamme, Richard; Koppel, Indrek postimees.ee 2022 [Geneetik Andres Veske \(4.7.1965 – 23.10.2022\)](#)

Geneetilised algoritmid

Ivask, Eero A & A 1999 / 1, lk. 33-39: ill

Genetic analysis of PCV2 capsid protein sequences reveals two main groups of Estonian isolates

Timmusk, Sirje; Fossum, Caroline; Põdersoo, Diivi; Saar, Tiiu Workshop No2 Porcine Circovirus : in 15th-16th May 2007 in Croatia : Sixth Framework programme (SSA) PCVD : towards improved food quality 2007 / ? p

Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function

Pattaro, Cristian; Teumer, Alexander; Gorski, Mathias; Chu, Audrey Y.; Li, Man; Mijatovic, Vladan; Garnaas, Maija; Tin, Adrienne; Sorice, Rossella; Li, Yong; Viigimaa, Margus Nature Communications 2016 / art. 10023 <https://doi.org/10.1038/ncomms10023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genetic control of the wheat Triticum monococcum L. resistance to powdery mildew

Lebedeva, T.V.; Peuša, Hilma Russian journal of genetics 2006 / 1, p. 60-66
https://www.researchgate.net/publication/7253959_Genetic_control_of_the_wheat_Triticum_monococcum_L_resistance_to_powdery_mildew

Genetic databases and governance

Kattel, Rainer; Hayry, M.; Chadwick, R.F.; Arnason, V.; Arnason, G.; McCall-Smith, A. The ethics and governance of human genetic databases : European perspectives 2007 / p. 347-364

Genetic potential of indigenous bacteria : degradation of phenolic compounds in polluted river water

Heinaru, E.; Laht, T.; Talpsep, E.; Heinaru, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 19

Genetic proxies for sleep behaviours and individual labour market outcomes

Hazak, Aaro; Kantojärvi, Katri; Jääskeläinen, Tuija; Sulkava, Sonja; Liuhanen, Johanna; Salomaa, Veikko; Koskinen, Jukka; Perola, Markus; Paunio, Tiina Journal of sleep research 2024 / P635 <https://doi.org/10.1111/jsr.14291>

Genetische Analysen von Fischbeständen: Populationsgenetik und eDNA

Weiss, Steven; Deiner, Kristy; Tuhtan, Jeffrey Andrew; Gumpinger, Clemens; Schletterer, Martin Wasserwirtschaft 2018 / S. 22-29 : III <https://www.springerprofessional.de/genetische-analysen-von-fischbestaenden-populationsgenetik-und-e/15499156>
<https://doi.org/10.1007/s35147-018-0008-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improved chromosome-level genome assembly of the Glanville fritillary butterfly (Melitaea cinxia) integrating Pacific Biosciences long reads and a high-density linkage map

Smolander, Olli-Pekka; Blande, Daniel; Ahola, Virpi; Rastas, Pasi; Tanskanen, Jaakko; Kammonen, Juhana I.; Oostra, Vicencio; Pellegrini, Lorenzo; Ikonen, Suvi; Dallas, Tad GigaScience 2022 / art. giab097 <https://doi.org/10.1093/gigascience/giab097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In silico approach to finding new scaffolds for LRRK2 inhibition

Kahn, Iiris; Lomaka, Andre; Karelson, Mati European Pharma Summit : Berlin, Germany, May 5-8, 2015 : abstracts 2015 / [1] p

Insenergeneetika võib ohustada meie igapäevast söögilauda

Kann, Jüri Eesti Päevaleht 1996 / 21. okt., lk. 6 https://artiklid.elnet.ee/record=b1830254*est

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

Is the maize ortholog of the yeast Pch2 (Pachytene checkpoint 2) involved in meiotic surveillance?

Timofejeva, Ljudmilla; Golubovskaya, Inna; Relvik, Tõnis; Pawlowski, W.; Truve, Erkki EMBO Meiosis Conference 2015 : St Catherine's College, Oxford, UK 2015 / p. 183

2023. aasta inimesegeneetikas

Org, Tõnis; Velthut-Meikas, Agne; Rebane, Ana; Laisk, Triin Eesti Arst 2024 / lk. 116-117
<https://ojs.utlib.ee/index.php/EA/article/view/23844>

2024. aasta inimeneetikas

Avarlaid, Annela; Rebane, Ana; Tambets, Kristiina; Tooming, Mikk; Tõnissoo, Tambet; Laisk, Triin Eesti Arst 2025 / lk. 241-243
<https://ojs.utlib.ee/index.php/EA/article/view/25382/19330>

Keemia ja molekulaarbioloogia valdkonna aastapremia tööde tsükli "Neuraalse aktiivsusega reguleeritud

geeniekspressiooni mehhanismid" eest : Tõnis Timmusk. Neuraalse aktiivsusega reguleeritud geeniekspressiooni mehhanismid

Timmusk, Tõnis Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 74-90 : ill., portr https://www.ester.ee/record=b1226072*est

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

Nisu haiguskindluse geneetiline kontroll

Peuša, Hilma; Enno, Tamara; **Järve, Kadri**; Priilinn, Oskar Agraarteadus 2001 / 4, lk. 219-223

Pathway and network analysis of more than 2500 whole cancer genomes

Reyna, Matthew A.; Haan, David; Paczkowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; Dhingra, Priyanka; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 729 <https://doi.org/10.1038/s41467-020-14367-0> [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](#)

Physical barriers and environmental gradients cause spatial and temporal genetic differentiation of an extensive algal bloom

Godhe, Anna; Sjöqvist, Conny; **Sildever, Sirje; Lips, Inga** Journal of biogeography 2016 / p. 1130-1142 : ill <https://doi.org/10.1111/jbi.12722> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pregnancy associated breast cancer gene expressions : new insights on their regulation based on rare correlated patterns

Bouasker, Souad; **Inoubli, Wissem; Ben Yahia, Sadok**; Diallo, Gayo IEEE/ACM transactions on computational biology and bioinformatics 2021 / p. 1035-1048 <https://doi.org/10.1109/TCBB.2020.3015236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent advances in plasmid-based tools for establishing novel microbial chassis

Nora, Luísa Czamanski; Westmann, Cauã Antunes; Guazzaroni, María-Eugenia; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Silva-Rocha, Rafael Biotechnology Advances 2019 / Art. nr. 107433 <https://doi.org/10.1016/j.biotechadv.2019.107433> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Substitution of the Methionine Axial Ligand of the T1 copper for the fungal-like Phenylalanine Ligand (M298F) causes local structural perturbations that lead to thermal instability and reduced catalytic efficiency of the small Laccase from Streptomyces coelicolor A3(2)

Zovo, Kairit; Pupart, Hegne; Van Wieren, Arie; Gillilan, Richard E.; **Lukk, Tiit** ACS omega 2022 / p. 6184-6194 <https://doi.org/10.1021/acsomega.1c06668> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teadlane otsib ravi manduvale ajule

Jõgi, Aime Tartu Postimees 2020 / Lk. 8-9 : fot <https://dea.digar.ee/article/tartupostimees/2020/12/11/11.1>

Teadlased loodavad ohtlike troopikahaiguste levikut piirata mutantsääskedega [Võrguväljaanne]

Hellerma, Juhan novaator.err.ee 2021 "[Teadlased loodavad ohtlike troopikahaiguste levikut piirata mutantsääskedega](#)"

The characterization of maize null mutants of SPO11-1 reveals its role in the conformation of chromosome axes during meiosis

Ronceret, Armand; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 54th Annual Maize Genetics Conference : program and abstracts : March 15-18, 2012, Portland, Oregon 2012 / p. 93, P095

The rise and fall of the Estonian genome project

Kattel, Rainer; Suurna, Margit Studies in ethics, law and technology 2008 / 2, Article 4

Tuhandeaastane elu - on ja ei ole võimalik

Kristjuhan, Ülo Sõnumileht 1996 / 11. sept., lk. 16; 18. sept., lk. 12: ill

Usage of bacterial artificial chromosomes for studying BDNF gene regulation in primary cultures of cortical neurons and astrocytes

Jaanson, Kaido; Pärn, Angela; **Timmusk, Tõnis** Brain-derived neurotrophic factor (BDNF) 2019 / p. 13-25

https://doi.org/10.1007/7657_2018_10 [Conference proceedings at Scopus](#) [Article at Scopus](#)

генетик АНДРЕС БЕККЕ (4.7.1965 - 23.10.2022) [Online resource]

Tamme, Richard; Koppel, Indrek rus.postimees.ee 2022 [генетик АНДРЕС БЕККЕ \(4.7.1965 - 23.10.2022\)](#)

Какие ДНК-тесты можно сделать в Эстонии и насколько они достоверны [Online resource]

mke.ee 2021 ["Какие ДНК-тесты можно сделать в Эстонии и насколько они достоверны"](#)

Какие ДНК-тесты можно сделать в Эстонии и насколько они достоверны [Online resource]

Kjutšjuk, Svetlana rus.delfi.ee 2021 ["Какие ДНК-тесты можно сделать в Эстонии и насколько они достоверны"](#)