

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/>

Calcium handling in creatine-deficient mouse hearts

Branovets, Jelena *Acta Physiologica* 2023 / art. e14043 <https://doi.org/10.1111/apha.14043>

Efedrooni (metkatinoon) ja mangaani toime hiirtel kroonilises katses : [TÜ arstiteaduskonna päeva 2009 stendiettekande teesid]

Asser, Andres; Kõks, Sulev; Nairismägi, Jaak *Eesti Arst* 2009 / 9, lk. 612-613 https://artiklid.elnet.ee/record=b1496051*est

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](#)

Energetics and calcium handling in hearts from creatine-deficient mice = Energeetika ja kaltsiumi käitlemine kreatiini puudulike hiirte südames

Branovets, Jelena 2022 <https://doi.org/10.23658/taltech.56/2022> <https://digikogu.taltech.ee/et/Item/36325289-f635-4816-bddc-2246206e6dc1> https://www.ester.ee/record=b5511927*est

Generation and characterization of a single-chain Fv antibody against Gli3, a hedgehog signaling pathway transcription factor

Laht, Silja; Meerits, Kati; Altmann, Harri; Faust, Helena; Tsanev, Robert; Kogerman, Priit; Järvekülg, Lilian; Paalme, Viuu; Valkna, Andres; Timmusk, Sirje *Hybridoma* 2008 / 3, lk. 167-174 <https://pubmed.ncbi.nlm.nih.gov/18582209/>

Identification and characterization of mouse plexin B3 promoter

Tiismus, Liivi; Laht, Piret; Otsus, Maarja; Veske, Andres *Biochemical and biophysical research communications* 2008 / p. 11-15 : ill <https://ws.lib.ttu.ee/publikatsioonid/et/Item/189a79bd-e07b-44ae-88f3-1a63993eb816/Edit>

Mouse and rat BDNF gene structure and expression revisited

Aid-Pavlidis, Tamara; Kazantseva, Anna; Piirsoo, Marko; Palm, Kaia; Timmusk, Tõnis *Journal of neuroscience research* 2007 / 3, p. 525-535 <https://onlinelibrary.wiley.com/doi/full/10.1002/jnr.21139>

Only pyrimidino receptors are functionally expressed in mouse neuroblastoma cell lines

Sak, Katrin; Webb, T.E.; Samuel, Külli; Kelve, Merike; Järvi, J. *Mol. cell. biol. res. comm* 1999 / p. 203-208
<https://www.sciencedirect.com/science/article/abs/pii/S152247249901344>

PCSK9 deficiency alters brain lipid composition without affecting brain development and function

Pärn, Angela; Olsen, Ditte; Tuvikene, Jürgen; Kaas, Mathias; Borisova, Ekaterina; Bilgin, Mesut; Elhauge, Mie; Vilstrup, Joachim; Madsen, Peder; Ambrozkiwicz, Mateusz C.; Goz, Roman U.; Timmusk, Tõnis; Tarabykin, Victor; Gustafsen, Camilla; Glerup, Simon *Frontiers in molecular neuroscience* 2023 / art. 1084633 <https://doi.org/10.3389/fnmol.2022.1084633> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

PVA-VLP based melanoma peptide vaccine trial on mice : [poster abstract]

Papkina, Jekaterina; Paalme, Viuu; Pahtma, Merlis; Nutt, Anu; Viisileht, Edda; Roos, Kristine; Järvekülg, Lilian; Rüütel Boudinot, Sirje Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia 2013 / p. 33

Regulation of cell fate decision of undifferentiated spermatogonia by GDNF

Meng, X.; Saarma, Mart *Science* 2000 / p. 1489-1493 <https://pubmed.ncbi.nlm.nih.gov/10688798/>

Rickettsia spp. in rodent-attached ticks in Estonia and first evidence of spotted fever group Rickettsia species Candidatus Rickettsia uralica in Europe

Vikentjeva, Maria; Geller, Julia; Remm, Jaanus; Golovljova, Irina *Parasites and vectors* 2021 / art. 65., 9 p. : ill
<https://doi.org/10.1186/s13071-020-04564-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of DNA methyltransferase activity in cocaine treatment and withdrawal in the nucleus accumbens of mice

Urb, Mari; Niinep, Kerly; Matsalu, Terje; Kipper, Karin; Herodes, Koit; Zharkovsky, Alexander; Timmusk, Tõnis; Anier, Kaili; Kalda, Anti *Addiction Biology* 2020 / art. e12720 <https://doi.org/10.1111/adb.12720> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Targeted expression of a multifunctional chimeric neurotrophin in the lesioned sciatic nerve accelerates regeneration of sensory and motor axons

Funakoshi, H.; Risling, M.; Carlstedt, T.; Lendahl, U.; Timmusk, Tõnis; **Metsis, Madis**; Yamamoto, Y.; Ibanez, C.F. Proceedings of the National Academy of Sciences of the United States of America 1998 / p. 5269-5274

https://www.researchgate.net/publication/235616922_Targeted_expression_of_a_multifunctional_chimeric_neurotrophin_in_the_lesioned_sciatic_nerve_accelerates_regeneration_of_sensory_and_motor_axons

Untranslated regions of brain-derived neurotrophic factor (Bdnf) mRNA control its translatability and subcellular localization

Lekk, Ingrid; Cabrera-Cabrera, Florencia; Turconi, Giorgio; Tuvikene, Jürgen; **Esvald, Eli-Eelika; Rähni, Annika**; Casserly, Laoise; Garton, Daniel R.; Andressoo, Jaan-Olle; **Timmusk, Tõnis; Koppel, Indrek** The journal of biological chemistry 2023 / art. 102897 <https://doi.org/10.1016/j.jbc.2023.102897> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Valkude signaalseerimise regulaator 16 (RGS16) : mõju kasvaja arengule, viirusinfektsioonile ja tsütokiinide ekspressioonile hiirtes

Pahtma, Merlis TTÜ üliõpilaste teadustööde konkursi kokkuvõtteid : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 10

Vasakukäelisuse 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>