

**Comparison of antiaggregatory effects of PGI<sub>2</sub>, PGI<sub>3</sub> and iloprost on human and rabbit platelets**

Kobzar, Gennadi; **Mardla, Vilja**; **Järving, Ivar**; **Samel, Nigulas** Cellular physiology and biochemistry 2001 / 5, p. 279-284  
<https://pubmed.ncbi.nlm.nih.gov/11684817/>

**(Eco)toxicological information on REACH-relevant chemicals : contribution of alternative methods to in vivo approaches**

**Sihtmäe, Mariliis** 2011 [http://www.ester.ee/record=b2733161\\*est](http://www.ester.ee/record=b2733161*est)

**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](https://artiklid.elnet.ee/record=b1496051*est)

**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 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/>

**Functional characterization of two splice variants of rat Bad and their interaction with Bcl-w in sympathetic neurons**

Hamner, S.; Arumäe, Urmas; Li-Ying, Y.; Sun, Yun-Fu; **Saarma, Mart**; Lindholm, Dan Molecular and cellular neurosciences 2001 / p. 97-106 <https://pubmed.ncbi.nlm.nih.gov/11161472/>

**GDNF family ligands and receptors are differentially regulated after brain insults in the rat**

Kokaia, Zaal; Airaksinen, Matti S.; Nanobashvili, A.; Larsson, E.; Kujamäki, E.; Lindvall, O.; **Saarma, Mart** European journal of neuroscience 1999 / p. 1202-1216

**GDNF family receptors in the embryonic and postnatal rat heart and reduced cholinergic innervation in mice hearts lacking Ret or GFRa2**

Hiltunen, J.O.; Laurikainen, A.; Airaksinen, Matti S.; **Saarma, Mart** Developmental dynamics 2000 / p. 28-39  
<https://pubmed.ncbi.nlm.nih.gov/10974669/>

**Glial cell line-derived neurotrophic factor is expressed in penis of adult rat and retrogradely transported in penile parasympathetic and sensory nerves**

Laurikainen, A.; Hiltunen, J.O.; Vanhatalo, S.; Klinge, E.; **Saarma, Mart** Cell and tissue research 2000 / p. 321-329  
<https://pubmed.ncbi.nlm.nih.gov/11151444/>

**Increased extracellular dopamine concentrations and FosB/DeltaFosB expression in striatal brain areas of heterozygous GDNF knockout mice**

Airavaara, Mikko; Planken, Anu; Gädnnäs, Helena; Piepponen, Timo Petteri; **Saarma, Mart**; Ahtee, Liisa European journal of neuroscience 2004 / 9, p. 2336-2344 : ill <https://pubmed.ncbi.nlm.nih.gov/15525275/>

**Long-lasting behavioural and molecular alterations induced by early postnatal fluxetine exposure are restored by chronic fluxetine treatment in adult mice**

Karpova, Nina N.; Lindholm, Jesse; **Pruunsild, Priit**; **Timmusk, Tõnis**; Castren, Eero European neuropsychopharmacology 2009 / p. 97-108 : ill <https://pubmed.ncbi.nlm.nih.gov/18973993/>

**Magnetic resonance imaging study of induced epileptogenesis in animal models of epilepsy**

**Nairismägi, Jaak** 2006 [https://www.ester.ee/record=b4369104\\*est](https://www.ester.ee/record=b4369104*est)

**Missense mutations in the extracellular domain of the human neural cell adhesion molecule L1 reduce neurite outgrowth of murine cerebellar neurons**

Michelson, P.; **Veske, Andres** Human mutations 2002 / 6, p. 481-482 <https://pubmed.ncbi.nlm.nih.gov/12442287/>

**Nerve growth factor and brain-derived neurotrophic factor mRNAs are regulated in distinct cell populations of rat heart after ischaemia and reperfusion**

Hiltunen, J.O.; Laurikainen, A.; Väkeva, A.; Meri, S.; **Saarma, Mart** Journal of pathology 2001 / p. 247-253  
<https://pubmed.ncbi.nlm.nih.gov/11400155/>

**Neurturin is a neurotrophic factor for penile parasympathetic neurons in adult rat**

Laurikainen, A.; Hiltunen, J.O.; Thomas-Crusells, J.; Vanhatalo, S.; Arumäe, Urmas; Airaksinen, Matti S.; Klinge, E.; **Saarma, Mart** Journal of neurobiology 2000 / p. 198-205 <https://pubmed.ncbi.nlm.nih.gov/10770848/>

**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

**Overcoming donor variability and risks associated with fecal microbiota transplants through bacteriophage-mediated treatments**

Rasmussen, Torben Sølbeck; Mao, Xiaotian; Forster, Sarah; Larsen, Sabina Birgitte; Von Münchow, Alexandra; Tranæs, Kaare Dyekær; Brunse, Anders; Larsen, Frej; Mejia, Josue Leonardo Castro; **Adamberg, Signe**; Hansen, Axel Korerup; **Adamberg, Kaarel**; Hansen, Camilla Hartmann Friis; Nielsen, Dennis Sandris Microbiome 2024 / art. 119 <https://doi.org/10.1186/s40168-024-01820-1>

**P2X4 and P2X7 receptors in evolution, physiology, inflammation, and autoimmunity = P2X4 ja P2X7 retseptorid evolutsiooni, füsioloogia, põetiku 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](https://www.ester.ee/record=b5645330*est)

**P75 neurotrophin receptor signaling activates sterol regulatory element-binding protein-2 in hepatocyte cells via p38 mitogen-activated protein kinase and caspase-3**

Pham, Dan Duc; Do, Hai Thi; Bruelle, Céline; Kukkonen, Jyrki P.; Eriksson, Ove; Mogollón, Isabel; Korhonen, Laura T.; **Arumäe, Urmas**; Lindholm, Dan Journal of Biological Chemistry 2016 / p. 10747 - 10758 <https://doi.org/10.1074/jbc.M116.722272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**PSPN/GFR[alpha]4 has a significantly weaker capacity than GDNF/GFR[alpha]1 to recruit RET to rafts, but promotes neuronal survival and neurite outgrowth**

Yang, Jianmin; Lindahl, Maria; Lindholm, Päivi; Virtanen, Heidi; Coffey, Eleanor; Runeberg-Roos, Pia; **Saarma, Mart** FEBS letters 2004 / 1/3, p. 267-271 : ill <https://pubmed.ncbi.nlm.nih.gov/15225646/>

**Seizures induce widespread upregulation of cystatin B, the gene mutated in progressive myoclonus epilepsy, in rat forebrain neurons**

D'Amato, E.; Kokaia, Zaal; Nanobashvili, A.; Reeben, M.; Lehesjoki, A.-E.; **Saarma, Mart**; Lindvall, O. European journal of neuroscience 2000 / p. 1687-1695 <https://pubmed.ncbi.nlm.nih.gov/10792446/>

**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/>

**The messenger RNAs for both glial cell line-derived neurotrophic factor receptors, C-ret and GDNFR, are induced in the rat brain in response to Kainate-induced excitation**

Reeben, M.; Laurikainen, A.; Hiltunen, J.O.; Castren, Eero; **Saarma, Mart** Neuroscience 1998 / p. 151-159

**The native copper- and zinc- binding protein metallothionein blocks copper-mediated A[beeta] aggregation and toxicity in rat cortical neurons**

Chung, Roger S.; Howells, Claire; **Zovo, Kairit**; **Palumaa, Peep**; **Sillard, Rannar** PLoS ONE 2010 / 8, p. e12030 [11 p.] <https://pmc.ncbi.nlm.nih.gov/articles/PMC2920313/>

**Transcriptional repression of neurotrophin receptor trkB by thyroid hormone in the developing rat brain**

Pombo, P.M.; Barettino, D.; Espliguero, G.; **Metsis, Madis**; Iglesias, T.; Rodriguez-Pena, A. Journal of biological chemistry 2000 / p. 37510-37517 <https://pubmed.ncbi.nlm.nih.gov/10978336/>

**Transfer of modified gut viromes improves symptoms associated with metabolic syndrome in obese male mice**

Mao, Xiaotian; Larsen, Sabina Birgitte; Zachariassen, Line Sidsel Fisker; Brunse, Anders; **Adamberg, Signe**; Mejia, Josue Leonardo Castro; Larsen, Frej; **Adamberg, Kaarel**; Nielsen, Dennis Sandris; Hansen, Axel Korerup; Hansen, Camilla Hartmann Friis; Rasmussen, Torben Sølbeck Nature communications 2024 / art. 4704 <https://doi.org/10.1038/s41467-024-49152-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)