

### **A novel form of neurotensin post-translationally modified by arginylation**

Eriste, Elo; Norberg, Ake; Nepomuceno, D.; Kuei, C.; Kamme, F.; Tran, D.T.; Strupat, K.; Jörnvall, Hans; Liu, C.; Lovenberg, T.W.; Sillard, Rannar Journal of biological chemistry 2005 / 42, p. 35089-35097 <https://pubmed.ncbi.nlm.nih.gov/16087676/>

### **Adenosine-derived non-phosphate antagonists for P2Y1 purinoreceptors**

Sak, Katrin; Uri, A.; Enkvist, E.; Raidaru, G.; Subbi, J.; **Kelve, Merike**; Järv, Jaak Biochemical and biophysical research communications 2000 / p. 327-331

### **Apolipoprotein A-V interaction with members of the low density lipoprotein receptor gene family**

Nilsson, Stefan; **Löökene, Aivar**; Beckstead, Jennifer; Gliemann, Jorgen; Ryan, Robert; Olivecrona, Gunilla Biochemistry 2007 / 12, p. 3896-3904 : ill <https://pubs.acs.org/doi/10.1021/bi7000533#:~:text=Experiments%20using%20surface%20plasmon%20resonance,low%20density%20lipoprotein%20receptor%20family.>

### **Association of CD2 with fibrinogen in human plasma : depletion of the soluble E-receptor in blood clotting**

Smorodin, Eugeny P.; Kurtenkov, O.A.; **Ševtšuk, Igor** Journal of immunoassay and immunochemistry 2007 / 4, p. 359-369 <https://www.tandfonline.com/doi/abs/10.1080/15321810701603708>

### **Budded baculoviruses as a receptor display system to quantify ligand binding with TIRF microscopy**

Laasfeld, Tõnis; **Ehrminger, Robin**; Tahk, Maris-Johanna; Veiksina, Santa; Kõlvart, Karl Rene; **Min, Mart**; Kopanchuk, Sergei; Rinken, Ago Nanoscale 2021 / p. 2436 - 2447 <https://doi.org/10.1039/d0nr06737g> [Journal metrics at Scopus](#) [Article at Scopus](#) [journal metrics at WOS](#) [Article at WOS](#)

### **Catalysts derived from sustainable natural and value added alkaloids from poppies**

**Silm, Estelle**; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilmar; **Kanger, Tõnis**; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 24 [https://www.unive.it/pag/fileadmin/user\\_upload/extra/SSGC/documenti/Book\\_of\\_abstracts\\_per\\_website\\_23\\_July.pdf](https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf)

### **The CB<sub>1</sub> cannabinoid receptor signals striatal neuroprotection via a PI3K/Akt/mTORC1/BDNF pathway**

Blazquez, C.; Chiarlone, A.; **Pruunsild, Priit**; **Timmusk, Tõnis** Cell death and differentiation 2015 / p. 1618-1629 : ill <https://doi.org/10.1038/cdd.2015.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterisation of a new chimeric ligand for galanin receptors : galanin(1-13)-[D-Trp(32)]-neuropeptide Y(25-36)amide**

Saar, K.; Mahlapuu, R.; Laidmäe, E.; **Valkna, Andres**; Kahl, U.; Karelson, E.; Langel, Ülo Regulatory peptides 2001 / p. 15-19 <https://www.sciencedirect.com/science/article/pii/S0167011501002981>

### **Characterization of symmetric complexes of nerve growth factor and the ectodomain of the pan-neurotrophin receptor, p75NTR**

Aurikko, J.P.; Ruotolo, B.T.; Grossmann, J.G.; Moncrieffe, M.C.; Stephens, E.; Leppänen, V.M.; Robinson, C.V.; **Saarma, Mart**; Bradshaw, R.A.; Blundell, T.L. Journal of biological chemistry 2005 / 39, p. 33453-33460 <https://pubmed.ncbi.nlm.nih.gov/16009712/>

### **Chiral cyclohexylhemicucurbit[n]urils**

**Shmatova, Elena**; **Fomitšenko, Maria**; **Öeren, Mario**; Reile, Indrek; **Kuhtinskaja, Maria**; **Järving, Ivar**; **Aav, Riina** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

### **Chiral hemicucurbit[8]uril as an anion receptor : selectivity to size, shape and charge distribution**

**Kaabel, Sandra**; Adamson, Jasper; Topic, Filip; **Öeren, Mario**; **Reimund, Mart**; **Prigorchenko, Elena**; **Löökene, Aivar**; **Aav, Riina** Chemical science 2017 / p. 2184-2190 : ill <https://doi.org/10.1039/C6SC05058A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chiral heterocycle-based receptors for enantioselective recognition**

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Symmetry 2018 / 75 p : ill <https://doi.org/10.3390/sym10020034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chiral heterocycle-based receptors for enantioselective recognition**

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Chiral Auxiliaries and Chirogenesis 2021 / p. 27-101 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10020034>

### **Developmental up-regulation of KCC2 in the absence of GABAergic and glutamatergic transmission**

Ludwig, Anastasia; Li, Hong; Saarma, Mart; Kaila, Kai; Rivera, Claudio The European journal of neuroscience 2003 / 12, p. 3199-3206 : ill <https://pubmed.ncbi.nlm.nih.gov/14686894/>

### **Endothelial-specific regulation of vessel formation : role of receptor tyrosine kinases**

**Valdre, Eola**; Valdre, Eola vt.ka Kukk, Eola 2000 [http://www.eester.ee/record=b1388804\\*est](http://www.eester.ee/record=b1388804*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; 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 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/>

## Extracellular acidification : a novel detection system for ligand/receptor interactions. Demonstration with bioactive peptides and CHO or pancreatic beta cells, but of possible interest for tracing putative receptors in ethanol metabolism

Bonetto, V.; Eriste, Elo; **Metsis, Madis;** Sillard, Rannar *Advances in experimental medicine & biology* 1999 / p. 351-358  
[https://link.springer.com/chapter/10.1007/978-1-4615-4735-8\\_43](https://link.springer.com/chapter/10.1007/978-1-4615-4735-8_43)

## Fragment-based QSAR approach for novel indole-like TrkA receptor antagonist

**Tammiku-Taul, Jaana; Dobchev, Dimitar Atanasov;** Karelson, Mati; **Timmusk, Tõnis;** Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Kananovich, Dzmitry; Noole, Artur; Kanger, Tõnis; Lopp, Margus 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015) : Chios, Greece, June 21-25, 2015 : book of abstracts 2015 / p. 68

## GABA receptor p subunit expression in the developing rat brain

Alakuijala, Anniina; Palgi, Mari; Wegelius, Katri; Schmidt, Matthias; Enz, Ralf; Paulin, Lars; **Saarma, Mart;** Pasternack, Michael *Brain research : developmental brain research* 2005 / p. 15-23 <https://doi.org/10.1016/j.devbrainres.2004.09.010>

## GDNF receptors as a drug target for neural repair

Bespalov, Maxim M.; Hetenyi, C.; **Karelson, Mati; Saarma, Mart** *Cell transplantation* 2007 / 3, p. 313-314  
[https://www.researchgate.net/publication/295730047\\_GDNF\\_receptors\\_as\\_a\\_drug\\_target\\_for\\_neural\\_repair](https://www.researchgate.net/publication/295730047_GDNF_receptors_as_a_drug_target_for_neural_repair)

## 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/>

## HPLC-MS as a tool for screening mechanochemical synthesis of macrocycles

**Shalima, Tatsiana; Dalidovich, Tatsiana; Suut, Elina; Kananovich, Dzmitry; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 26 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

## Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4

**Paalme, Viuu; Rump, Airi; Mädo, Kati; Teras, Marina;** Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri; Rützel Boudinot, Sirje** *Frontiers in immunology* 2019 / art. 2074, 15 p. : ill <https://doi.org/10.3389/fimmu.2019.02074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Human TrkB gene : novel alternative transcripts, protein isoforms and expression pattern in the prefrontal cerebral cortex during postnatal development

**Luberg, Kristi;** Wong, Jenny; Weickert, Cynthia Shannon; **Timmusk, Tõnis** *Journal of neurochemistry* 2010 / 4, p. 952-964 : ill  
<https://pubmed.ncbi.nlm.nih.gov/20193039/>

## 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/Publ/Item/189a79bd-e07b-44ae-88f3-1a63993eb816/Edit>

## Identification of the receptors for GDNF

**Saarma, Mart;** Titievsky, A.; Arumäe, Urmas; Airaksinen, Matti S. Princess Lilian Symposium "Kidney Development has Clinical Impacts", Brussels, October 26-27, 1998 1998 / p. 9

## Incorrect primer sequences in the article on methylprednisolone treatment

**Tamm, Andres** *Acta Neurologica Scandinavica* 2016 / p. 90 <https://doi.org/10.1111/ane.12507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Indole-like Trk receptor antagonists

**Tammiku-Taul, Jaana; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Dobchev, Dimitar Atanasov; Kananovich, Dzmitry; Noole, Artur;** Mandel, Merle; Kaasik, Allen; **Lopp, Margus; Timmusk, Tõnis;** Karelson, Mati *European journal of medicinal chemistry* 2016 / p. 541-552 : ill <https://doi.org/10.1016/j.ejmech.2016.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Large chiral cyclohexanohemicucurbit[n]urils [Online resource]**

**Mishra, Kamini Atindrakumar; Kaabel, Sandra; Paberits, Oliver; Fomitšenko, Maria; Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdk.ut.ee/teesid/>

### **Lysophosphatidic acid binds to and activates GPR92, a G protein-coupled receptor highly expressed in gastrointestinal lymphocytes**

Kotarsky, K.; Boketoft, A.; **Sillard, Rannar** Journal of pharmacology and experimental therapeutics 2006 / p. 619-628 <https://pubmed.ncbi.nlm.nih.gov/16651401/>

### **A macromolecular imprinting approach to design synthetic receptors for label-free biosensing applications =**

**Sünteeilised retseptorid molekulaarselt jäljendatud polümeeridest biomakromolekulide märgisevabaks määramiseks** **Tretjakov, Aleksei** 2016 [http://www.ester.ee/record=b4560028\\*est](http://www.ester.ee/record=b4560028*est)

### **The mechanisms of actions of aldosterone and its antagonists in cardiovascular disease**

Pantelidis, Panteleimon; Sideris, Michail; **Viigimaa, Margus**; Avranas, Konstantinos; Deligkaris, Pavlos; Zografou, Ioanna; Lovic, Dragan Current Pharmaceutical Design 2018 / p. 5491 - 5499 <https://doi.org/10.2174/1381612825666190215100502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **New oxacalix[4]arene carboxylate detects viologen in protic media**

**Peterson, Anna; Ludvig, Mari-Liis; Martõnova, Jevgenija; Kaabel, Sandra; Fomitšenko, Maria; Aav, Riina** Supramolecular chemistry 2020 / p. 313–319 : ill <https://doi.org/10.1080/10610278.2019.1659269> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Novel computational models for predicting dopamine interactions**

Katritzky, Alan R.; **Dobchev, Dimitar**; Stoyanova-Slavova, Iva B.; Kuanar, Minati; Bespalov, Maxim M.; **Karelson, Mati; Saarma, Mart** Experimental neurology 2008 / 1, p. 150-171 <https://www.sciencedirect.com/science/article/pii/S0014488608000368>

### **A novel gene family encoding leucine-rich repeat transmembrane proteins differentially expressed in the nervous system**

Lauren, Juha; Airaksinen, Matti S.; **Saarma, Mart; Timmusk, Tõnis** Genomics 2003 / 4, p. 411-421 : ill <https://www.sciencedirect.com/science/article/pii/S0888754303000302>

### **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/>

### **Oksakaliiks[4]areeni derivaatide süntees**

**Ludvig, Mari-Liis; Peterson, Anna; Martõnova, Jevgenija; Aav, Riina**; Adamson, Jasper XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 24 : ill

### **P2X4 : a fast and sensitive purinergic receptor**

**Suurväli, Jaanus**; Boudinot, Pierre; Kanellopoulos, Jean; **Rüütel Boudinot, Sirje** Biomedical journal 2017 / p. 245-256 : ill <https://doi.org/10.1016/j.bj.2017.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **P2X4 and P2X7 receptors in evolution, physiology, inflammation, and autoimmunity = P2X4 ja P2X7 retseptorid evolutsiooni, füsioloogia, põletiku 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)

### **Pharmacological characterization of relaxin-3/INSL7 receptors GPCR135 and GPCR142 from different mammalian species**

Chen, J.; Kuei, C.; Sutton, S.W.; Bonaventure, P.; Nepomuceno, D.; Eriste, Elo; **Sillard, Rannar**; Lovenberg, T.W.; Liu, C. Journal of pharmacology and experimental therapeutics 2005 / 1, p. 83-95 <https://www.sciencedirect.com/science/article/abs/pii/S0022356524317288>

### **Plexin B3 promotes neurite outgrowth, interacts homophilically, and interacts with Rin**

Hartwig, C.; **Veske, Andres**; Krejčova, S.; Rosenberger, G.; Finckh, U. BMC neuroscience 2005 / p. 53 [https://www.researchgate.net/publication/7639118\\_Plexin\\_B3\\_promotes\\_neurite\\_outgrowth\\_interacts\\_homophilically\\_and\\_interacts\\_with\\_Rin](https://www.researchgate.net/publication/7639118_Plexin_B3_promotes_neurite_outgrowth_interacts_homophilically_and_interacts_with_Rin)

### **Pyrimidinoreceptor potentiation by ATP in NG108-15 cells**

Sak, Katrin; **Kelve, Merike**; Uri, A.; Järv, J. FEBS letters 1998 / p. 107-109

### **Recent developments in the field of GDNF and its receptors**

**Saarma, Mart** Forum of European Neuroscience, Berlin, June 27 - July 2, 1998 1998 / p. 12

### **Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related**

evolutionarily conserved syntenic group = G valkude signaaliülekanne regulaator 16 (RGS16) : osalus immuunvastuses ja genoomne asukoht ürgses MHC-seoselises evolutsiooniliselt konserveerunud sünteenses grupis  
Suurväli, Jaanus 2014 [https://www.ester.ee/record=b4439180\\*est](https://www.ester.ee/record=b4439180*est)

**RGS16 is involved in the TLR- mediated expression of proinflammatory cytokines and the receptors CD14 and C5aR**  
Suurväli, Jaanus; Saar, Regina; Pahtma, Merlis; Veide, A.; Adib-Conquy, Minou; Cavaillon, Jean-Marc; Rüütel Boudinot, Sirje  
14th International Congress of Immunology (ICI2010) : August 22-27, 2010, Kobe, Japan 2010  
[https://www.researchgate.net/publication/295669667\\_RGS16\\_is\\_Involved\\_in\\_the\\_TLR-Mediated\\_Expression\\_of\\_Proinflammatory\\_Cytokines\\_and\\_the\\_Receptors\\_CD14\\_and\\_C5aR](https://www.researchgate.net/publication/295669667_RGS16_is_Involved_in_the_TLR-Mediated_Expression_of_Proinflammatory_Cytokines_and_the_Receptors_CD14_and_C5aR)

**RGS16 is involved in the TLR-mediated expression of proinflammatory cytokines and the receptors CD14 and C5aR**  
Suurväli, Jaanus; Saar, Regina; Saaremäe, Merle; Pahtma, Merlis; Nutt, Anu; Paalme, Viu; Rüütel Boudinot, Sirje  
Scandinavian journal of immunology 2011 / p. 366-367  
[https://www.researchgate.net/publication/295669667\\_RGS16\\_is\\_Involved\\_in\\_the\\_TLR-Mediated\\_Expression\\_of\\_Proinflammatory\\_Cytokines\\_and\\_the\\_Receptors\\_CD14\\_and\\_C5aR](https://www.researchgate.net/publication/295669667_RGS16_is_Involved_in_the_TLR-Mediated_Expression_of_Proinflammatory_Cytokines_and_the_Receptors_CD14_and_C5aR)

**Role of third intracellular loop of galanin receptor type 1 in signal transduction**  
Rezaei, K.; Saar, K.; Soomets, U.; Valkna, Andres; Nasman, J.; Zorko, M.; Akerman, K.; Schroeder, T.; Bartfai, T.; Langel, Ülo  
Neuropeptides 2000 / p. 25-31

**Selective artificial receptors based on micropatterned surface-imprinted polymers for label-free detection of proteins by SPR imaging**  
Lautner, G.; Kaev, Jevgeni; Reut, Jekaterina; Öpik, Andres; Rappich, Jörg; Söritski, Vitali; Gyurcsanyi, Robert E. Advanced functional materials 2011 / p. 591-597 : ill  
[https://www.researchgate.net/publication/229918247\\_Selective\\_Artificial\\_Receptors\\_Based\\_on\\_Micropatterned\\_Surface-Imprinted\\_Polymers\\_for\\_Label-Free\\_Detection\\_of\\_Proteins\\_by\\_SPR\\_Imaging](https://www.researchgate.net/publication/229918247_Selective_Artificial_Receptors_Based_on_Micropatterned_Surface-Imprinted_Polymers_for_Label-Free_Detection_of_Proteins_by_SPR_Imaging)

**Smoothed agonist augments proliferation and survival of neural cells**  
Bragina, Olga; Sergejeva, Svetlana; Serg, Martin; Žarkovsky, Tamara; Maloverjan, Alla; Kogerman, Priit; Žarkovsky, Aleksandr  
Neuroscience letters 2010 / 2, p. 81-85 : ill <https://pubmed.ncbi.nlm.nih.gov/20600593/>

**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](#)

**Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors**  
Söritski, Vitali; Lautner, G.; Kaev, Jevgeni; Reut, Jekaterina; Menaker, Anna; Öpik, Andres; Gyurcsanyi, Robert E.; Rappich, Jörg 43rd IUPAC World Chemistry Congress : San Juan, Puerto Rico, July 31st-August 5th : program and abstracts 2011 / p. 362

**Tehnikaüliskoolis loodud marker hõlbustab Sclerosis multiplexi ja kasvaja ravi**  
novaator.err.ee 2019 <https://novaator.err.ee/997497/tehnikaüliskoolis-loodud-marker-holbustab-sclerosis-multiplexi-ja-kasvajate-ravi>

**The first cysteine-rich domain of the receptor GFR[alpha]1 stabilizes the binding of GDNF**  
Virtanen, Heidi; Yang, Jianmin; Beshpalov, Maxim M.; Hiltunen, J.O.; Leppänen, V.M.; Kalkkinen, Nisse; Goldman, A.; Saarma, Mart; Runeberg-Roos, Pia Biochemical journal 2005 / 3, p. 817-824 <https://pubmed.ncbi.nlm.nih.gov/15610063/>

**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 structure of GFR[alpha]1 domain 3 reveals new insights into GDNF binding and RET activation**  
Leppänen, V.M.; Beshpalov, Maxim M.; Runeberg-Roos, Pia; Puurand, Ülo; Merits, Andres; Saarma, Mart; Goldman, A. EMBO journal 2004 / 7, p. 1452-1462 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC391078/>

**The tumor suppressor CYLD interacts with TRIP and regulates negatively nuclear factor kappaB activation by tumor necrosis factor the GDNF family : signalling, biological functions and therapeutic value**  
Regamey, A.; Kogerman, Priit Journal of experimental medicine 2003 / 12, p. 1959-1964 <https://pubmed.ncbi.nlm.nih.gov/14676304/>

**Transcriptional repression of neurotrophin receptor trkB by thyroid hormone in the developing rat brain**  
Pombo, P.M.; Barettoni, 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/>

**Two novel mammalian nogo receptor homologs differentially expressed in the central and peripheral nervous systems**  
Lauren, Juha; Airaksinen, Matti S.; Saarma, Mart; Timmusk, Tõnis Molecular and cellular neuroscience 2003 / 3, p. 581-594  
<https://www.sciencedirect.com/science/article/pii/S1044743103001994>

## **Uudsed "keemilised ninad" aitavad keskkonda puhastada**

Imeline Teadus 2019 / lk. 20 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)