Adenosine-derived non-phosphate antagonists for P2Y1 purinoreceptors
Sak, K.; 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; **Lõokene, 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, Eugeniy 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, Illar; **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

The CB_1 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

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**; **Lõokene, Aivar**; **Aav, Riina** Chemical science 2017 / p. 2184-2190 : ill https://doi.org/10.1039/C6SC05058A

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

Endothelial-specific regulation of vessel formation : role of receptor tyrosine kinases
Valdre, Eola; Valdre, Eola vt.ka Kukk, Eola 2000 http://www.ester.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**; **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

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

Genes targeted by the estrogen and progesterone receptors in thehuman 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://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4
Paalme, Viiu; **Rump, Airi**; **Mädo, Kati**; **Teras, Marina**; Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri**; **Rüütel 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

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

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://fmtdk.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/

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, Jevgenia**; **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

Oksakaliks[4]areeni derivaatide süntees
Ludvig, Mari-Liis; **Peterson, Anna**; **Martõnova, Jevgenia**; **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

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

Pyrimidinoreceptor potentiation by ATP in NG108-15 cells
Sak, K.; **Kelve, Merike**; Uri, A.; Järv, J. FEBS letters 1998 / p. 107-109

Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related evolutionarily conserved synteny group = G valkude signaaliülekande 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

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; **Sõritski, 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

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

Tehnikaülikoolis loodud marker hõlbustab Sclerosis multiplexi ja kasvajate ravi
novaator.err.ee 2019 https://novaator.err.ee/997497/tehnikaulikoolis-loodud-marker-holbustab-sclerosis-multiplexi-ja-kasvajate-ravi

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

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/

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