

Apolipoprotein B, residual cardiovascular risk after acute coronary syndrome, and effects of alirocumab

Hagström, Emil; Steg, P. Gabriel; Szarek, Michael; Bhatt, Deepak L.; Bittner, Vera A.; Danchin, Nicolas; Diaz, Rafael; Goodman, Shaun G.; Harrington, Robert A.; Jukema, J. Wouter; Liberopoulos, Evangelos; Marx, Nikolaus; **Viigimaa, Margus** Circulation 2022 / p. 657 - 672 <https://doi.org/10.1161/CIRCULATIONAHA.121.057807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of protein kinase ULK3 regulation by phosphorylation and inhibition by small molecule SU6668

Kasak, Lagle; Näks, Mihkel; Eek, Priit; Piirsoo, Alla; **Bhadoria, Rohit; Starkov, Pavel;** Saarma, Merilin; Kasvandik, Sergo; **Piirsoo, Marko** Biochemistry 2018 / p. 5456–5465 <https://doi.org/10.1021/acs.biochem.8b00356> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison between 2D and 3D-QSAR approaches to correlate inhibitor activity for a series of indole amide hydroxamic acid

Katritzky, Alan R.; Slavov, Svetoslav; **Dobchev, Dimitar; Karelson, Mati** QSAR & combinatorial science 2007 / 3, p. 333-345 <https://onlinelibrary.wiley.com/doi/abs/10.1002/qsar.200630021>

COX inhibiitorite nimesuliidi, paratsetamooli ja metamisooli toime aspiriiniresistentsete koronaarhaigete trombotsüütidele enne ja pärast aortokoronaarset šunteerimist

Mardla, Vilja; Rätsep, Indrek; **Kobzar, Gennadi; Samel, Nigulas** Eesti Arst 2010 / 7/8, lk. 470-476 : ill <https://eestiartst.ee/cox-inhibiitorite-nimesuliidi-paratsetamooli-ja-metamisooli-toime-aspiriiniresistentsete-koronaarhaigete-trombotsuutidele-enne-ja-parast-aortokoronaarset-sunteerimist/> https://artiklid.elnet.ee/record=b2155144*est

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and validation of novel chikungunya virus protease inhibitors

Das, Pratyush Kumar; Puusepp, Laura; Varghese, Finny S.; Utt, Age; Ahola, Tero; **Kananovich, Dzmitry; Lopp, Margus;** Merits, Andres; Karelson, Mati Antimicrobial agents and chemotherapy 2016 / p. 7382-7395 : ill <http://dx.doi.org/10.1128/AAC.01421-16>

Design of acetylcholinesterase reactivators and poly(ADP-ribose) polymerase inhibitors based on hydroxamic acids and oximes = Hüdroksaamhapetel ja oksiimidel põhinevate atsetüülkoliinesteraasi reaktivaatorite ja polü(ADP-riboos)polümeraasi inhibiitorite disain

Bondar, Denys 2023 <https://doi.org/10.23658/taltech.73/2023> <https://digikogu.taltech.ee/et/Item/633e5fb1-7de3-4b2d-92a2-119dfa70e7b6> https://www.ester.ee/record=b5645561*est

Designing N-substituted arylhydroxamic acids as catalytic acetylcholinesterase reactivators

Bondar, Denys; **Velihina, Yevheniia; Karpichev, Yevgen** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 16 <http://fmttk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Differential regulation of Bdnf expression in cortical neurons by class-selective histone deacetylase inhibitors

Koppel, Indrek; Timmusk, Tõnis Neuropharmacology 2013 / p. 106-115 : ill

Dioksügenaasid korallis Gersemia fruticosa : hapniku allikas, selektiivsete inhibiitorite toime

Varvas, Külliki; Järving, Ivar; Koljak, Reet; Valmsen, Karin; Müürisepp, Aleksander-Mati; **Liiv, Milana;** Samel, Nigulas XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 152

Felületaktiv anyaqok vizsgalata korrozios inhibitorokent

Kallast, Vambola; Kuusk, Anu; Metsmaa, T.; Allikmaa, Veiko; Schächter, Klára; Lohonyai, Nándor Korrozios figyelő 1990 / 4, p. 85-87

Fragment-based development of HCV protease inhibitors for the treatment of hepatitis C

Karelson, Mati; Dobchev, Dimitar; Karelson, Gunnar; Tamm, Tarmo; Tamm, Kaido; Nikonov, Andrei; Mutso, Margit; Merits, Andres Current computer-aided drug design 2012 / p. 55-61 https://www.researchgate.net/publication/221745366_Fragment-Based_Development_of_HCV_Protease_Inhibitors_for_the_Treatment_of_Hepatitis_C

Fragment-based QSAR for the prediction of novel Trk inhibitors

Tammiku-Taul, Jaana; Karelson, Mati; Dobchev, Dimitar Atanasov XIV European Symposium of Organic Reactivity (ESOR XIV) : book of abstracts 2013 / p. 181

Fragment-based QSAR for the prediction of novel TrkA inhibitors

Tammiku-Taul, Jaana; Karelson, Mati; Dobchev, Dimitar Atanasov Scientific programme & book of abstracts : QSAR 2014 2014 / p. 170

Glükoosi pidurdav toime trombotsüütide agregatsiooni inhibeerimisele COXi inhibiitorite ja L-arginiiniga in vitro

Mardla, Vilja; Rooks, Ebe; **Kobzar, Gennadi; Samel, Nigulas** Eesti Arst 2014 / lk. 263-267 : ill

Hydroxamic acids as PARP-1 inhibitors : molecular design and anticancer activity of novel phenanthridinones

Bondar, Denys; Bragina, Olga; Lee, Ji Young; Semenyuta, Ivan; Järving, Ivan; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; Karpichev, Yevgen Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill <https://doi.org/10.1002/hlca.202300133>

Hydroxamic acids as potential antidotes for op poisoning

Bondar, Denys; Karpichev, Yevgen Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 10 | [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

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

Induction of resistance mechanisms in *Rhodotorula toruloides* for growth in sugarcane hydrolysate with high inhibitor content

Santos Lopes, Helberth Júnior; Bonturi, Nemailla; Miranda, Everson Alves Applied Microbial and Cell Physiology 2021 / p. 9261-9272 <https://doi.org/10.1007/s00253-021-11687-z>

Interaction of glucose with inhibitors of cyclooxygenase in platelets

Kobzar, Gennadi; Mardla, Vilja; Samel, Nigulas Platelets 2010 / 5, p. 407

Is there a plant RNase L inhibitor?

Nigul, Lenne; Buschmann, Marju; Truve, Erkki Journal of interferon and cytokine research 2001 / p. S122

Kaprolaktaami ja formaldehüüdi kondensatsiooniprodukti uurimine terase korrosiooniinhibiitorina soolhappes

Karjus, K.; Kallast, Vambola XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 94 https://www.ester.ee/record=b2449987*est

3. osa. Ensüümatalüüsi põhimõisted ja kineetika

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 67-127 : ill

Label-free high-throughput screening assay for inhibitors of Alzheimer's amyloid-[beta] peptide aggregation based on MALDI MS

Zovo, Kairit; Helk, Eneken; Karafin, Ann; Tõugu, Vello; Palumaa, Peep Analytical chemistry 2010 / p. 8558-8565

Late-stage cyclopropane ring cleavage strategy in the synthesis of bioactive tetrapeptides - inhibitors of histone deacetylase

Elek, Gabor Zoltan; Koppel, K.; Lopp, Margus; Kananovich, Dzmitry 4th Organic Chemistry Congress with International Participation, October 4-7, 2018, Side, Turkey : Congress Agenda 2019 / 1 p <https://orgchemtr-4.meetinghand.com/projectData/731/webData/Congress-Agenda.pdf>

Level of plasma coenzyme Q10 in patients on statin treatment

Pikta, Marika; Zemtsovskaja, Galina; Zemtsovski, Mihhail; Duishvili, Davit; Tikhaze, Alla K.; Lankin, Vadim Z.; Viigimaa, Margus Cardiology 2015 / p. 36 <https://www.karger.com/Article/Abstract/431110>

Lipoprotein(a) and Benefit of PCSK9 inhibition in patients with nominally controlled LDL cholesterol

Schwartz, Gregory G.; Szarek, Michael; Bittner, Vera A.; Diaz, Rafael; Goodman, Shaun G.; Viigimaa, Margus Journal of the American College of Cardiology 2021 / p. 421-433 : ill <https://www.jacc.org/doi/epdf/10.1016/j.jacc.2021.04.102>
<https://doi.org/10.1016/j.jacc.2021.04.102>

Mõningatest trüpsiini autolüüsi iseärasustest inhibiitori manulusel ja puudumisel : dissertatsioon bioloogiateaduste kandidaadi teadusliku kraadi taotlemiseks

Heinlo, Heino 1973 https://www.ester.ee/record=b3657914*est

Myosin inhibitors block accumulation movement of chloroplasts in *Arabidopsis thaliana* leaf cells

Paves, Heiti; Truve, Erkki Protoplasma 2007 / 3/4, p. 165-169 <https://link.springer.com/article/10.1007/s00709-006-0230-y>

New horizons in the pathogenesis, pathophysiology and treatment of familial hypercholesterolaemia

Viigimaa, Margus; Heinsar, Silver; Lovic, Dragan; Katsimardou, Alexandra; Piperidou, Alexia; Duishvili, Davit Current pharmaceutical design 2018 / p. 3599-3604 <https://doi.org/10.2174/1381612824666181009105305> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New plant vectors for protein tagging with E2 Epitope

Nigul, Lenne; Olspert, Allan; Meier, Merike; Paves, Heiti; Talpsep, Tiit; Truve, Erkki Plant molecular biology reporter 2004 / 4, p. 399-407 : ill <https://link.springer.com/article/10.1007/BF02772682>

PCSK9 Inhibitor causes a decrease in the level of oxidatively modified low-density lipoproteins in patients with coronary artery diseases

Lankin, Vadim Z.; Tikhaze, Alla K.; **Viigimaa, Margus; Chazova, Irina Evgenevna** Terapevticheskii Arkhiv 2018 / p. 27-30
<https://doi.org/10.26442/terarkh20180927-30> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PCSK9 inhibitor causes a reduction in the level of oxidatively modified low-density lipoproteins in patients with atherosclerosis

Lankin, Vadim Z.; Tikhaze, Alla K.; Chazova, Irina; **Viigimaa, Margus** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 38-39 http://www.ester.ee/record=b4819912*est

Polypeptide self-assembled nanoparticles as delivery systems for polymyxins B and E

Iudin, D.; Zashikhina, N.; Demyanova, E.; Korzhikov-Vlakh, V.; Shcherbakova, E.; **Boroznjak, Roman**; Tarasenko, I.; Zakharova, N.; Lavrentieva, A.; Skorik, Y.; Korzhikova-Vlakh, E. Pharmaceutics 2020 / art. 868, 20 p. : ill <https://doi.org/10.3390/pharmaceutics12090868>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein kinase inhibitor SU6668 attenuates positive regulation of Gli proteins in cancer and multipotent progenitor cells

Piirsoo, Alla; **Kasak, Lagle**; Kauts, Mari-Liis; Uusen, Piia; Tints, Kairit; Loog, Mart; Neuman, Toomas; **Piirsoo, Marko** Biochimica et biophysica acta : molecular cell research 2014 / p. 703-714 : ill

QSAR modeling of the inhibition of glycogen synthase kinase-3

Katritzky, Alan R.; Pacureanu, Liliana M.; Dobchev, Dimitar A.; Fara, Dan C.; Duchowicz, Pablo R.; **Karelson, Mati** Bioorganic & medicinal chemistry 2006 / 14, p. 4987-5002 : ill <https://www.sciencedirect.com/science/article/pii/S0968089606002069>

QSAR prediction of HIV-1 non-nucleoside inhibitor activity based on 3D-molecular descriptors

Pillai, Girinath Gopinathan; Tamm, Kaido; **Karelson, Mati** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

QSAR studies on 1-phenylbenzimidazoles as inhibitors of the platelet-derived growth factor

Katritzky, Alan R.; Dobchev, Dimitar A.; Fara, Dan C.; **Karelson, Mati** Bioorganic & medicinal chemistry 2005 / 24, p. 6598-6608
<https://pubmed.ncbi.nlm.nih.gov/16230017/>

Recombinant CD44-HABD is a novel and potent direct angiogenesis inhibitor enforcing endothelial cell-specific growth inhibition independently of hyaluronic acid binding

Päll, Taavi; Gad, A.; Kasak, L.; **Drews, Monika**; Strömbad, Sraffan; **Kogerman, Priit** Oncogene 2004 / 47, p. 7874-7881
<https://www.nature.com/articles/1208083>

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](#)

Short synthesis of chlamydocin and related histone deacetylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA Funktsionaalsete materjalide ja tehnoloogiate doktorikool : teesid 2019 2019 / 1 p. : ill http://fmdtk.ut.ee/wp-content/uploads/2019/02/FMTDK_konverents_2019_teesid_Elek.pdf

Short-term exposure of platelets to glucose impairs inhibition of platelet aggregation by cyclooxygenase inhibitors

Kobzar, Gennadi; Mardla, Vilja; Samel, Nigulas Platelets 2011 / p. 338-344 : ill <https://pubmed.ncbi.nlm.nih.gov/21557683/>

Studies of CD44 hyaluronan binding domain as novel angiogenesis inhibitor = CD44 hüaluroonhapet siduv domään kui uudne angiogeneesi inhibiitor

Päll, Taavi 2013 https://www.ester.ee/record=b2992362*est

The dioxygenases in the soft coral *Gersemia fruticosa* : origin of the oxygen, the eff[e]ct of selective inhibitors

Varvas, Külliki; Järving, Ivar; Koljak, Reet; Valmsen, Karin; Müürisepp, Aleksander-Mati; **Liiv, Milana**; Samel, Nigulas 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 160

Thiacalix[4]arene phosphoric acids. Synthesis, structure, and inhibition of glutathione S-transferases

Silenko, Oleg; Cherenok, Serhii; **Karpichev, Yevgen** Phosphorus, sulfur, and silicon and the related elements 2022 / p. 538-541
<https://doi.org/10.1080/10426507.2021.2011877> [journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Traditsioonilised ja uued ravimid aterogeense düslipideemia ravis

Viigimaa, Margus Eesti Arst 2016 / lk. 299-306 : ill https://artiklid.elnet.ee/record=b2777149*est

Update of the position paper on arterial hypertension and erectile dysfunction

Viigimaa, Margus; Vlachopoulos, Charalambos; Doumas, Michael; Wolf, Jacek; Imprialos, Konstantinos; Terentes-Printzios, Dimitrios; Ioakeimidis, Nikolaos; Kotsar, Andres; **Kiitam, Urmo** Journal of hypertension 2020 / p. 1220-1234
<https://doi.org/10.1097/HJH.0000000000002382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Испытание ингибиторов для торможения хлоридной коррозии стали в легких бетонах

Talimets, Ellen; Rohumägi, Ene Сланцевая промышленность : информационная серия I 1987 / с. 20-23 : илл
https://www.ester.ee/record=b1889272*est

Механизм защитного действия ингибитора СФМФ в соляной кислоте

Sillak, H.; Pastuškova, S.; Türkson, Heino Совершенствование технологии сланцепереработки и новые направления использования сланцепродуктов : тезисы докладов Всесоюзного научно-технического совещания, Кохтла-Ярве, 25-26 мая 1988 года 1988 / с. 94-95 https://www.ester.ee/record=b1222419*est

Некоторые особенности автолиза трипсина в присутствии и отсутствии ингибитора : автореферат ... кандидата биологических наук (03.00.04)

Heino, Heino 1973 https://www.ester.ee/record=b1389312*est

О действий Fe³⁺-иона на скорость растворения стали в ингибированных растворах

Kallast, Vambola; Ladoga, J.; **Talimets, Ellen** Научно-техническая конференция по проблемам коррозии и защиты металлов в Эстонской ССР, (Таллинн, 14-15 июня 1978 года) : тезисы докладов 1978 / с. 11-12 https://www.ester.ee/record=b1273524*est

О механизме действия ингибиторов органического и неорганического происхождения

Kallast, Vambola; Merendi, Jüri; Melnikova, Ljudmilla; Help, Kalju; Arro, Hendrik Процессы и аппараты химической технологии и технологии неорганических веществ. 1 1988 / с. 89-96 : илл https://www.ester.ee/record=b1290388*est
<https://digikogu.taltech.ee/et/Item/776d7a60-8e51-4e74-b6db-8995a4e621b0/>

Строение активного центра и механизм взаимодействия трипсина с фосфорорганическими ингибиторами и неспецифическими субстратами : автореферат... кандидата биологических наук

Fedossejev, Viktor 1979 https://www.ester.ee/record=b1565050*est