

A novel method for monitoring surface membrane trafficking on hippocampal acute slice preparation

Thomas-Crusells, J.; Vieira, A.; **Saarma, Mart**; Rivera, Claudio Journal of neuroscience methods 2003 / 1/2, p. 159-166
<https://www.sciencedirect.com/science/article/pii/S0165027003000505>

A potential role of alternative splicing in the regulation of the transcriptional activity of human GLI2 in gonal tissues

Speek, Mart; Njunkova, Olga; Pata, Illar; Valdre, Eola; **Kogerman, Priit** BMC molecular biology 2006 / 13, p. 1-13
<https://pubmed.ncbi.nlm.nih.gov/16553965/>

A structural-dynamical characterization of human Cox17

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Janicka, Anna; Martinelli, Manuele; Kozłowski, Henryk; **Palumaa, Peep** Journal of biological chemistry 2008 / 12, p. 7912-7920 : ill <https://pubmed.ncbi.nlm.nih.gov/18093982/>

ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressiooni ja nende evolutsioon

Möttus, Jelena 2024 <https://doi.org/10.23658/taltech.43/2024> <https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1>
https://www.ester.ee/record=b5694239*est

ABCE1 is a highly conserved RNA silencing suppressor

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki; Sarmiento Guerin, Maria Cecilia** EMBO/EMBL Symposium The Complex Life of mRNA : 5-8 October 2014, EMBL Heidelberg, Germany 2014 / p. 292

ABCE1 is a highly conserved RNA silencing suppressor : [journal article]

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri**; Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki; Sarmiento Guerin, Maria Cecilia** PLoS ONE 2015 / p. 1-17 : ill
<https://doi.org/10.1371/journal.pone.0116702> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ABCE1 is essential for S phase progression in human cells

Toompuu, Marina; Kärblane, Kairi; Pata, Pille; Truve, Erkki; Sarmiento Guerin, Maria Cecilia Cell Cycle 2016 / p. 1234 - 1247
<https://doi.org/10.1080/15384101.2016.1160972> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Activation of 11R-lipoxygenase is fully Ca²⁺-dependent and controlled by the phospholipid composition of the target membrane

Järving, Reet; Löökene, Aivar; Kurg, Reet; **Siimon, Liina; Järving, Ivar; Samel, Nigulas** Biochemistry 2012 / p. 3310-3320 : ill
<https://pubs.acs.org/doi/10.1021/bi201690z>

Alleenoksiidi süntaas-lipoksügenaas liitvalgu rada on üldlevinud korallides

Löhela, Helike; Järving, Reet; Järving, Ivar; Samel, Nigulas XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 84-85

Allene oxide synthase-lipoxygenase pathway in coral stress response = Alleenoksiidi süntaas-lipoksügenaasi rada korallide stressivastuses

Löhela, Helike 2015 <https://digi.lib.ttu.ee/ii/?1870> https://www.ester.ee/record=b4446782*est

An efficient method for longterm configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach

Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; **Borovkov, Victor**; Shan, Zixing ChemistrySelect 2019 / p. 3210-3213
<https://doi.org/10.1002/slct.201900099>

Analysis of polyprotein P2a C-terminal part of cocksfoot mottle sobemovirus [Online resource]

Uffert, Gabriela; Sõmera, Merike; Truve, Erkki Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 61 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Anion binding of biotinuril derivatives enhanced by silver cation

Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnol, Lukas; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Antikehad, viirused, valgud uuringus, diagnostikas ja teraapias : avalik loeng 11. aprillil 2002 TTÜs

Järvekülg, Lilian Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 227-230

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.>

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](#)

Association of bovine papillomavirus E2 protein with nuclear structures in vivo

Kurg, Reet; Sild, Kristiina; Ilves, Aigi; **Sepp, Mari**; Ustav, Mart Journal of virology 2005 / 16, p. 10528-10539

Biochemical and genetic evidence for interactions between potato A potyvirus-encoded proteins P1 and P3 and proteins of the putative replication complex

Merits, Andres; Guo, D.; **Järvekülg, Lilian**; **Saarma, Mart** Virology 1999 / p. 15-22

1,1'-bis(anilino)-4,4'-bis(naphtalene)-8,8'-disulfonate acts as an inhibitor of lipoprotein lipase and competes for binding with apolipoprotein CII

Lõökene, Aivar; Zhang, L.; Tõugu, Vello; Olivecrona, G. Journal of biological chemistry 2003 / p. 37183-37194
<https://doi.org/10.1074/jbc.m303894200>

Brain-specific metallothionein-3 has higher metal-binding capacity than ubiquitous metallothioneins and binds metals noncooperatively

Palumaa, Peep; Eriste, Elo; **Njunkova, Olga**; Pokras, Lesja; Jorvall, H.; Sillard, Rannar Biochemistry 2002 / 19, p.6158-6163
<https://pubmed.ncbi.nlm.nih.gov/11994011/>

Cellular localization of cocksfoot mottle sobemovirus (CfMV) proteins

Truve, Erkki; **Meier, Merike**; Paves, Heiti; **Olsper, Allan**; Toomela, Raavo; Tamm, T. XIth International Congress of Virology 2002 / p. 303

Characterisation of VPg and the polyprotein processing of Cocksfoot mottle virus (genus Sobemovirus)

Mäkinen, K.; Mäkeläinen, K.; Arshava, N.; **Tamm, Tiina**; **Merits, Andres**; **Truve, Erkki**; Zavriev, S.; **Saarma, Mart** Journal of general virology 2000 / p. 2783-2789

Characterization of protein-protein interfaces in large complexes by solid-state NMR solvent paramagnetic relaxation enhancements

Öster, Carl; Kosol, Simone; Hartmüller, Christoph; Lamley, Jonathan M.; Iuga, Dinu; **Oss, Andres**; **Org, Mai-Liis**; **Vanatalu, Kalju**; **Samoson, Ago**; Madl, Tobias; Lewandowski, Jozef R. Journal of the American Chemical Society 2017 / p. 12165-12174 : ill
<https://doi.org/10.1021/jacs.7b03875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS

Sankovski, Eve; Karro, Kristiina; **Sepp, Mari**; **Kurg, Reet**; Ustav, Mart; Abro, Aare Nucleus 2015 / p. 289-300 : ill
<https://doi.org/10.1080/19491034.2015.1074359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chimeric allene oxide synthase- lipxygenase fusion proteins

Lõhelaid, Helike; **Samel, Nigulas** 14th International PhD Symposium: "Overcoming Chaos- Networks in Life Sciences" 24-28.10.2012, Heidelberg, Germany 2012

Chimeric allene oxide synthase-lipxygenase fusion proteins

Lõhelaid, Helike; **Järving, Reet**; **Järving, Ivar**; **Samel, Nigulas** FEBS Journal 2010 / S1, p. 251

Chirogenesis in Chemical Science

2023 <https://doi.org/10.1142/12915> https://www.ester.ee/record=b5748359*est

Chromosome 19 annotations with disease speciation : a first report from the global research consortium

Nilsson, Carol Lynn; Berven, Frode Steingrimsen; Selheim, Frode; Liu, Huiling; Moskal, Joseph R.; Kroes, Roger A.; Sulman, Erik P.; Conrad, Charles A.; Lang, Frederick F.; Andrén, Per Erik; Nilsson, Anna; Carlsohn, Elisabet; **Fehniger, Thomas Edward**; **Lindberg, Henrik** Journal of Proteome Research 2013 / p. 135 - 150 <https://doi.org/10.1021/pr3008607> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocksfoot mottle sobemovirus coat protein contains two nuclear localization signals

Olsper, Allan; **Paves, Heiti**; **Toomela, Raavo**; **Tamm, Tiina**; **Truve, Erkki** Virus genes 2010 / 3, p. 423-431 : ill

Cocksfoot mottle virus : the genome organisation and translational strategies

Tamm, Tiina 2000 http://www.ester.ee/record=b1060777*est

Combination of native and denaturing PAGE for the detection of protein binding regions in long fragments of genomic

DNA

Kaer, Kristel; Mätlik, Kert; Metsis, Madis; Speek, Mart BMC genomics 2008 / 272, [12] p. : ill
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2435560/>

Commercial heat treatment of oat protein fractions is possibly toxic for coeliacs

Horn, Ester; Järvekülg, Lilian Food and nutrition = Toit ja toitumine 1999 / p. 92-105: ill

Comparative genomic analysis of monosporial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of *Tilletia indica* pathogen of wheat

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of storage proteins and baking properties of triticales

Tohver, M.; **Kann, Aino; Täht, Riina; Mihhalevski, Anna** Food and nutrition = Toit ja toitumine 2003 / p. 39-45

Comparison of storage proteins and baking quality of related triticales cultivars

Tohver, M.; **Kann, Aino; Täht, Riina**; Hakman, J. Food and nutrition = Toit ja toitumine 2002 / p. 55-61 : ill

The complexity of mitochondrial outer membrane permeability and VDAC regulation by associated proteins

Klepinin, Aleksandr; Õunpuu, Ljudmila; Mädo, Kati; **Truu, Laura**; Tšekulajev, Vladimir; Puurand, Marju; Ševtšuk, Igor; Tepp, Kersti; Planken, Anu; Käämbre, Tuuli Journal of bioenergetics and biomembranes 2018 / p. 339-354 : ill <https://doi.org/10.1007/s10863-018-9765-9>

A concept for smart real-time monitoring of intermittent renal replacement therapy

Fridolin, Ivo International journal of artificial organs 2019 / p. 462 <https://journals.sagepub.com/doi/10.1177/0391398819860985>

Covalent surface imprinting strategy of electrosynthesized PEDOT films for protein recognition

Kaev, Jevgeni; Reut, Jekaterina; Söritski, Vitali; Gyurcsanyi, Robert E.; **Õpik, Andres** The 61st Annual Meeting of the International Society of Electrochemistry : Nice (France), September 26 - October 1, 2010 2010 / p. S13-P-044

Cryo-protective effect of ice-binding proteins produced by *Pseudomonas fluorescens* AQP671 on wholegrain wheat bread dough during freezing and frozen storage

Luhila, Önnela; Karro, Kadi; Zakrevskaja, Karina; Nisamedtinov, Ildar; Paalme, Toomas; Laos, Katrin LWT - food science and technology 2024 / art. 117160, 13 p. : ill <https://doi.org/10.1016/j.lwt.2024.117160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Defining the functions of cocksfoot mottle sobemovirus protein P1

Truve, Erkki; Tamm, T.; Michelson, P.; Paves, Heiti ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.3.6 (1 p.)

Dependence of the interaction of Furcellaran between the globular proteins bovine serum albumin and [beeta]-lactoglobulin on pH

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Proceedings of 4th International Congress on Food Technology. Volume 1 2005 / p. 337-346 : ill

Determination of metal-protein complexes and posttranslational modifications by LC-(ESI-TOF)-MS

Sillard, Rannar; Eriste, Elo; **Njunkova, Olga**; Pokras, Lesja; Jörnvall, Hans; Wadensten, Henrik; Renlund, Staffan; **Palumaa, Peep** Proceedings of the 49th ASMS Conference on Mass Spectrometry and Allied Topics : Chicago, Illinois, May 27-31, 2001 2001 / p. 11-12 : ill

Development of high definition protein from cheese whey

Friedenthal, Margus Kemia-kemi = [Finnish chemistry] 1991 / p. 950 https://www.ester.ee/record=b1201067*est

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/>

Dissecting meiosis in rye using translational proteomics

Phillips, D.; Mikhailova, E.; **Timofejeva, Ljudmilla** Annals of botany 2008 / p. 873-880 : ill
<https://academic.oup.com/aob/article/101/6/873/184031>

Dual engagement of the nucleosomal acidic patches is essential for deposition of histone H2A.Z by SWR1C

Baier, Alexander S.; Gioacchini, Nathan; **Eek, Priit**; Leith, Erik M.; Tan, Song; Peterson, Craig L. eLife 2024 / art. RP94869
<https://doi.org/10.7554/eLife.94869.3>

Dual engagement of the nucleosomal acidic patches is essential for deposition of histone H2A.Z by SWR1C

Baier, Alexander S.; Gioacchini, Nathan; **Eek, Priit**; Leith, Erik M.; Tan, Song; Peterson, Craig L. *BioRxiv* 2024 / 56 p
<https://doi.org/10.1101/2021.12.08.471801>

Dual function of UNC-51-like kinase 3 (Ulk3) in the sonic hedgehog signaling pathway

Maloverjan, Alla; Piirsoo, Marko; Kasak, Lauri; Peil, Lagle; Osterlund, Torben; Kogerman, Priit *Journal of biological chemistry* 2010 / 39, p. 30079-30090 : ill <https://pubmed.ncbi.nlm.nih.gov/20643644/>

Eesti teadlaste leid võib sillutada teed uutmoodi depressiooniravile

novaator.err.ee 2025 <https://novaator.err.ee/1609664366/eesti-teadlaste-leid-voib-sillutada-teed-uutmoodi-depressiooniravile>
<https://doi.org/10.1523/JNEUROSCI.0313-24.2025>

Effect of different stressful environmental conditions on the expression of HSP12P-GFP2 fusion protein in *Saccharomyces cerevisiae*

Orumets, Kerti; Nisamedtinov, Ildar; Koplimaa, Mariane; **Paalme, Toomas** 2nd Baltic Conference on Food Science and Technology : FOODBALT-2007 : Kaunas, June 13-14 : conference program and abstracts 2007 / p. 27

Effect of methionine-35 oxidation on the aggregation of amyloid- β peptide

Friedemann, Merlin; Helk, Eneken; Tiiman, Ann; Zovo, Kairit; Palumaa, Peep; Tõugu, Vello *Biochemistry and biophysics reports* 2015 / p. 94-99 : ill <http://dx.doi.org/10.1016/j.bbrep.2015.07.017>

Effect of slowly increasing temperature and NaCl concentration on the expression of Hsp12-GFP2 fusion protein in *Saccharomyces cerevisiae* : an auxo-accelerostat study

Nisamedtinov, Ildar; Lindsley, G.; Karreman, R.; Orumets, Kerti; Koplimaa, Mariane; **Paalme, Toomas** *FinMed* 2006 : 2nd International Conference on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications 2006 / p. 102-112

Electrochemical sensing of clinically relevant proteins by molecularly imprinted polymer-modified electrodes

Sõritski, Vitali 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 120 https://www.smcbs.pl/_ftp/book_of_abstracts/Book_of_Abstracts,_SMCBS_2023.pdf

Electrophoretic screening methods of protein markers to obtain a basis of breeding for a high technological quality of cereals

Tohver, M.; **Täht, Riina; Kann, Aino** *Food and nutrition = Toit ja toitumine* 2001 / p. 47-54 : ill

Electrosynthesized surface-imprinted conducting polymer microrods for selective protein recognition

Menaker, Anna; Sõritski, Vitali; Reut, Jekaterina; Õpik, Andres; Horvath, Viola; Gyurcsanyi, Robert E. *Advanced materials* 2009 / p. 2271-2275 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.200803597>

Elementary mathematical approach to protein degradation process in cheese

Laht, Tiiu-Maie *Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts* 1992 / p. 51

***Escherichia coli* achieves faster growth by increasing catalytic and translation rates of proteins**

Valgepea, Kaspar; Adamberg, Kaarel; Seiman, Andrus; **Vilu, Raivo** *Molecular biosystems* 2013 / p. 2344-2358 : ill
<https://doi.org/10.1039/c3mb70119k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

***Escherichia coli* achieves faster growth by increasing catalytic and translation rates of proteins**

Valgepea, Kaspar; Adamberg, Kaarel; Seiman, Andrus; **Vilu, Raivo** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

ESI TOF MS in protein structure analysis

Palumaa, Peep; Eriste, Elo; **Njunkova, Olga**; Pokras, Lesja; Jörnvall, Hans; Sillard, Rannar *The 1st International Symposium on Short-chain Dehydrogenases/reductases in Cancer and other Diseases* 2002 / ? p

Estimating total urea removal and protein catabolic rate by monitoring UV absorbance in spent dialysate

Uhlin, Nils Fredrik Arne; **Fridolin, Ivo**; Lindberg, Lars-Göran; Magnusson, Martin *Nephrology dialysis transplantation* 2005 / 11, p. 2458-2464 <https://pubmed.ncbi.nlm.nih.gov/16077147/>

Estonian scientists' find could pave the way for new depression treatment

err.ee 2025 <https://news.err.ee/1609664915/estonian-scientists-find-could-pave-the-way-for-new-depression-treatment>
<https://doi.org/10.1523/JNEUROSCI.0313-24.2025>

Evaluation of Zn²⁺- and Cu²⁺-binding affinities of native Cu,Zn-SOD1 and its G93A mutant by LC-ICP MS

Smirnova, Julia; Gavrilova, Julia; Noormägi, Andra; Valmsen, Karin; Pupart, Hegne; Luo, Jinghui; **Tõugu, Vello; Palumaa, Peep** *Molecules* 2022 / art. 3160 <https://doi.org/10.3390/molecules27103160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evidence for two distinct binding sites for lipoprotein lipase on glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 (GPIHBP1)

Reimund, Mart; Larsson, Mikael; Kovrov, Oleg; Kasvandik, Sergio; Olivecrona, Gunilla; **Löökene, Aivar** Journal of biological chemistry 2015 / p. 13919-13934 : ill <https://doi.org/10.1074/jbc.M114.634626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the conserved role of MANF in the unfolded protein response in Drosophila melanogaster

Lindström, Riitta; Lindholm, Päivi; Kallijärvi, Jukka; **Palgi, Mari**; Saarma, Mart; Heino, Tapio I. PLoS ONE 2016 / art. e0151550, p. 1-18 : ill <https://doi.org/10.1371/journal.pone.0151550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of alternative transcription factor 4 mRNAs and protein isoforms in the developing and adult rodent and human tissues

Sirp, Alex; Shubina, Anastassia; Tuvikene, Jürgen; Tamberg, Laura; Kiir, Carl Sander; Kranich, Laura; Timmusk, Tõnis Frontiers in Molecular Neuroscience 2022 / art. 1033224 <https://doi.org/10.3389/fnmol.2022.1033224> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of cocksfoot mottle virus putative movement protein in African green monkey fibroblasts

Paves, Heiti; Tamm, Tiina Plant molecular biology reporter 2000 / p. S32-8

Expression of FLNa in human melanoma cells regulates the function of integrin $\alpha 1\beta 1$ and phosphorylation and localisation of PKB/AKT/ERK1/2 kinases

Krebs, Kristi; Ruusmann, Anu; Simonlatser, Grethel; **Velling, Teet** European Journal of Cell Biology 2015 / p. 564-575 <https://doi.org/10.1016/j.ejcb.2015.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of the PTCH1 tumor suppressor gene is regulated by alternative promoters and a single functional Gli-binding site

Agren, Marie; **Kogerman, Priit**; Kleman, Marika I.; Wessling, Martina; Toftgard, Rune Gene 2004 / p. 101-114 : ill <https://pubmed.ncbi.nlm.nih.gov/15087129/>

Extracellular conversion of silver ions into silver nanoparticles by protozoan Tetrahymena thermophila

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Kasemets, Kaja; Kahru, Anne Environmental Sciences: Processes and Impacts 2013 / p. 244 - 250 <https://doi.org/10.1039/c2em30731f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extraction of ice structuring proteins from winter rye and winter wheat and assessment of activity

Kaleda, Aleksei; Taal, Laura; Laos, Katrin 9th Baltic Conference on Food Science and Technology "Food for Consumer Well-Being" : FOODBALT 2014 : Jelgava, Latvia, 8-9 May 2014 2014 / [1] p

Fatty acids bind tightly to the N-terminal domain of angiopoietin-like protein 4 and modulate its interaction with lipoprotein lipase

Robal, Terje; Larsson, Mikael; **Martin, Miina**; Olivecrona, Gunilla; **Löökene, Aivar** The journal of biological chemistry 2012 / p. 29739-29752 : ill <https://pubmed.ncbi.nlm.nih.gov/22773878/>

Fermenteeritud piimatoodete taimsete alternatiivide arenduses kasutatavate valgupulbrite lahustuvusomaduste uurimine

Part, Natalja; Kriščiunaite, Tiina; Viirma, Maret; **Vaikma, Helen**; Kütt, Mary-Liis Terve loom ja tervislik toit : konverentsi "Terve loom ja tervislik toit 2021" artiklite kogumik 2021 / lk. 67-68 https://terveloomjatervisliktoit.ee/userfiles/tltt/tltt2021/Kogumik_TLTT2021.pdf

Flavor Potential and Limitations in Novel Protein Sources : An Integrated Sensory and Chemical Analysis Focused on Off-Flavor Identification = Uudsete valguallikate maitseomadused ja piirangud : integreeritud sensoorne ja keemiline analüüs kõrvalmaitsete tuvastamiseks

Huseynli, Lachinkhanim 2025 <https://digikogu.taltech.ee/et/Item/1ebdc479-a1de-4edf-b4c7-10b45ac49a2c>
https://www.ester.ee/record=b5757718*est <https://doi.org/10.23658/taltech.59/2025>

Fluorescence spectra of proteins adsorbed to different chromatographic adsorbent (affinity, ion exchange, hydrophobic)

Käärd, Arvo; Renken, E.; Kasche, V. Third international conference on fundamentals of adsorption, May 5 - 9, 1989, Sonthofen, Germany 1991 / p. [?]

Formation of [4Fe-4S] clusters in the mitochondrial iron-sulfur cluster assembly machinery

Brancaccio, Diego; **Zovo, Kairit**; Palumaa, Peep Journal of the American Chemical Society 2014 / p. 16240-16250 : ill <https://doi.org/10.1021/ja507822j> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Functional analysis of ice-binding proteins and practical application in ice cream = Jääga seonduvate valkude funktsionaalne analüüs ja kasutamine jäätises

Kaleda, Aleksei 2018 <https://digi.lib.ttu.ee/i/?11144> https://www.ester.ee/record=b5172715*est

Functional characterization of the cellular copper proteome = Rakulise vase proteoomi funtsionaalne iseloomustamine
Zovo, Kairit 2011

Gel electrophoretic investigations of seed-storage protein fractions in triticale

Tohver, M.; Täht, Riina; Kann, Aino; Rahnu, I. Food and nutrition = Toit ja toitumine 1999 / p. 77-91: ill

Generality of marine allene oxide synthesis by the allene oxide synthase-lipoxygenase fusion protein pathway

Löhelaid, Helike; Järving, Reet; Samel, Nigulas FEBS journal 2008 / Suppl. 1, p. 413

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/>

Generation and characterization of mouse monoclonal antibody 5E1 against human transcription factor GLI3

Hunt, Reet; Bragina, Olga; Drews, Monika; Kasak, Lagle; Timmusk, Sirje; Valkna, Andres; Kogerman, Priit; Järvekülg, Lilian Hybridoma 2007 / 3, p. 131-138 <https://www.liebertpub.com/doi/abs/10.1089/hyb.2007.0507?journalCode=hyb>

Genetic variation in the moss Homalothecium lutescens in relation to habitat age and structure

Rosengren, Frida Kristina; Cronberg, Nils; Reitalu, Triin; Prentice, Honor C. Botany 2013 / p. 431-441 <https://doi.org/10.1139/cjb-2012-0258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GLI2 cell-specific activity is controlled at the level of transcription and RNA processing : consequences to cancer metastasis

Sadam, Helle; Liivas, Urmas; Kazantseva, Anna; Pruunsild, Priit; Kazantseva, Jekaterina; Timmusk, Tõnis; Neuman, Toomas; Palm, Kaia Biochimica et Biophysica Acta - Molecular Basis of Disease 2016 / p. 46 - 55 <https://doi.org/10.1016/j.bbadis.2015.10.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth and production characteristics of four mammalian cell lines on a cost-effective serum-free medium

Drews, Monika; Hunt, Reet Cells & Culture : 20th meeting of the European Society for Animal Cell Technology (ESACT) : June 17-20, 2007, Dresden, Germany 2007 / p. 3.32 https://link.springer.com/chapter/10.1007/978-90-481-3419-9_38

Growth and production characteristics of four mammalian cell lines on a cost-effective serum-free medium

Drews, Monika; Hunt, Reet Cells & Culture : proceedings of 20th Meeting of the European Society for Animal Cell Technology (ESACT) : June 17-20, Dresden, Germany 2008 / ? p https://link.springer.com/chapter/10.1007/978-90-481-3419-9_38

Herned, läätsed ja oad on parimad valguallikad! Kuidas ja kui palju kaunvilju süüa ja kuidas seedesüsteemi nendega harjutada

Adamberg, Signe; Adamberg, Kaarel omamaitse.delfi.ee 2025 <https://omamaitse.delfi.ee/artikkel/120369027/tunne-toitu-herned-laatsed-ja-oad-on-parimad-valguallikad-kuidas-ja-kui-palju-kaunvilju-suua-ja-kuidas-seedesusteemi-nendega-harjutada>

High and fast : NMR protein-proton side-chain assignments at 160 kHz and 1.2 GHz

Callon, Morgane; Luder, Dominique; Malär, Alexander A.; Wiegand, Thomas; Římal, Václav; Lecoq, Lauriane; Böckmann, Anja; Samoson, Ago; Meier, Beat H. Chemical Science 2023 / p. 10824 - 10834 <https://doi.org/10.1039/d3sc03539e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How to balance the yield and protein content of air-classified pulse flour : the influence of the restriction valve

De Angelisa, Davide; Kaleda, Aleksei; Pasqualone, Antonella; Vaikma, Helen; Squeo, Giacomo; Caponio, Francesco; Summo, Carmine Chemical engineering transactions 2021 / p. 241-246 <https://doi.org/10.3303/CET2187041> [Journal metrics at Scopus](#) [Article at Scopus](#)

Human centenarian-associated SIRT6 mutants modulate hepatocyte metabolism and collagen deposition in multilineage hepatic 3D spheroids

Frohlich, Jan; Raffaele, Marco; Skalova, Helena; Leire, Eric; Pata, Illar; Pata, Pille; Gorbunova, Vera; Vinciguerra, Manlio GeroScience 2023 / p. 1177 - 1196 <https://doi.org/10.1007/s11357-022-00713-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human superoxide dismutase 1 (hSOD1) maturation through interaction with human copper chaperone for SOD1 (hCCS)

Banci, Lucia; Bertini, Ivano; Cantini, Francesca; Kozyreva, Tatiana; Massagni, Chiara; Palumaa, Peep; Rubino, Jeffrey; Zovo, Kairit Proceedings of the National Academy of Sciences 2012 / p. 13555-13560
https://www.researchgate.net/publication/230624025_Human_superoxide_dismutase_1_hSOD1_maturation_through_interaction_with_human_copper_chaperone_for_SOD1_hCCS

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/>

Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudsete inhibiitoriteni

Luberg, Kristi 2017 <https://digi.lib.ttu.ee/i/?7373> https://www.ester.ee/record=b4665007*est

Huntingtin interacts with REST/NRSF to modulate the transcription of NRSE-controlled neuronal genes

Zuccato, Chiara; Tartari, Marzia; Timmusk, Tõnis Nature genetics 2003 / 1, p. 76-83 <https://pubmed.ncbi.nlm.nih.gov/12881722/>

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

Bondar, Denys; Bragina, Olga; Lee, Ji Young; Semenyuta, Ivan; Järving, Ivar; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; Karpichev, Yevgen Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill <https://doi.org/10.1002/hlca.202300133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ice binding proteins from psychrophilic bacteria: characterization and applications in food

Luhila, Önnela; Laos, Katrin; Paalme, Toomas 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 15

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Ice cream structure modification by ice-binding proteins

Kaleda, Aleksei; Tsenov, Robert; Klesment, Tiina; Vilu, Raivo; Laos, Katrin Food Chemistry 2018 / p. 164-171

<https://doi.org/10.1016/j.foodchem.2017.10.152> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ice re-crystallization in 10% fat ice cream using ice structuring proteins type 1 from fish

Klesment, Tiina; Kõrge, Kristi; Sannik, Urmas; Laos, Katrin Proceedings of the 2014 International Conference on Food Properties (ICFP2014) : Kuala Lumpur, Malaysia, January 24-26, 2014 2014

Ice re-crystallization in ice cream using ice structuring proteins from fish

Klesment, Tiina; Kõrge, Kristi; Laos, Katrin FOODBALT-2012 : 7th Baltic Conference on Food Science and Technology "Innovative and Healthy Food for Consumers", May 17-18, 2012 : abstracts 2012

Ice-binding proteins in psychrophilic bacteria – isolation, characterization, and applications in food

Luhila, Önnela; Paalme, Toomas; Laos, Katrin IBP 2022 2022

<https://docs.google.com/document/d/1XIsPAG9dVeX6luVaBMAM08F7Q50ktrdh/edit>

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 and functional analysis of a novel Antarctic ice binding protein

Mangiagalli, Marco; Bar-Dolev, Maya; Kaleda, Aleksei; Nataello, Antonino New biotechnology 2016 / p. S212

<https://doi.org/10.1016/j.nbt.2016.06.1452>

Identification and relative quantification of proteins in Escherichia coli proteome by “up-front” collision-induced dissociation

Arike, Liisa; Nahku, Ranno; Borissova, Maria; Adamberg, Kaarel; Vilu, Raivo European journal of mass spectrometry 2010 / 2, p. 227-235 <https://pubmed.ncbi.nlm.nih.gov/20212332/>

Identification and relative quantification of proteins in Escheria coli proteome using up-front CID

Arike, Liisa NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 75

Identification and structure-functional characterisation of the gene transcriptional repressor domain of human Gli proteins = Inimese Gli-alkude transkriptsioonilise repressordomeeni määramine ja struktuurilis-funktsionaalne iseloomustus

Tsanev, Robert 2014 https://www.ester.ee/record=b4412583*est

Identification of a functional allene oxide synthase-lipoxygenase fusion protein in the soft coral Gersemia fruticosa suggests the generality of this pathway in octocorals

Lõhelaid, Helike; Järving, Reet; Valmsen, Karin; Varvas, Külliki; Kreen, Malle; Järving, Ivar; Samel, Nigulas Biochimica et biophysica acta 2008 / 2, p. 315-321 <https://www.sciencedirect.com/science/article/abs/pii/S030441650700253X>

Identification of a naturally occurring peroxidase-lipoxygenase fusion protein

Koljak, Reet; Boutaud, Olivier; Shieh, Bih-Hwa; Samel, Nigulas; Brash, Alan R. Science 1997 / p. 1994-1996: ill

Identification of a novel serine/threonine kinase ULK3 as a positive regulator of Hedgehog pathway

Maloverjan, Alla; Piirsoo, Marko; Michelson, Piret; Kogerman, Priit; Osterlund, Torben Experimental cell research 2010 / 4, p. 627-637 <https://www.sciencedirect.com/science/article/abs/pii/S0014482709004479>

Identification of genes encoding for the cocksfoot mottle virus proteins

Tamm, Tiina; Mäkinen, K.; **Truve, Erkki** Archives of virology 1999 / p. 1557-1567 <https://pubmed.ncbi.nlm.nih.gov/10486110/>

Identification of glycolytic proteins as binding partners of Bri2 BRICHOS domain

Tigro, Helene; Shimozaawa, Makoto; Nilsson, Per; Lyashkov, Alexey; Khadeer, Mohammed; **Järving, Ivar;** Ferrucci, Luigi; Shimmo, Ruth; Johansson, Jan; Moaddel, Ruin Journal of pharmaceutical and biomedical analysis 2023 / art. 115465, 8 p. : ill <https://doi.org/10.1016/j.jpba.2023.115465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of the genome-linked protein in virions of Potato virus A, with comparison to other members in genus Potyvirus

Oruetebarria, I.; Guo, D.; **Merits, Andres;** Mäkinen, K.; **Saarma, Mart;** Valkonen, J.P. Virus research 2001 / p. 103-112 <https://www.sciencedirect.com/science/article/abs/pii/S0168170200002161>

Identifying the role of co-aggregation of Alzheimer's amyloid- β with amorphous protein aggregates of non-amyloid proteins

Wu, Jinming; Österlund, Nicklas; Wang, Hongzhi; Sternke-Hoffmann, R.; **Pupart, Hegne;** Ilag, Leopold L.; Gräslund, Astrid; Luo, Jinghui Cell Reports Physical Science 2022 / art. 101028 <https://doi.org/10.1016/j.xcrp.2022.101028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Immunoglobuliini orienteeritud immobilisatsioon aluspinnal : valkude molekulaarse jäljendamise metoodika täiustamine
Boroznjak, Roman; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 16

Increased striatal VMAT2 binding in mice after chronic administration of methcathinone and manganese

Asser, Andres; Kõks, Sulev; Snellman, Anniina; Haaparanta-Solin, Merja; Arponen, Eveliina; Grönroos, Tove; **Nairismägi, Jaak;** Bergquist, Jonas; Soomets, Urel; Piip, Piret; Eltermaa, Mall Brain Research 2016 / p. 97 - 102 <https://doi.org/10.1016/j.brainres.2016.09.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of glucose on the kinetics of whey protein hydrolysis by trypsin and effect of whey protein hydrolysis products on the growth of bacteria

Adamberg, Kaarel; Kostyra, H.; Swiatecki, A. Food and nutrition = Toit ja toitumine 2003 / p. 21-33 : ill

Influence of heat treatment on solubility of the oat proteins

Horn, Ester Food and nutrition = Toit ja toitumine 1996 / p. 110-117: ill

Influence of nonenzymatic glycosylation of whey proteins and concentration of glucose on their hydrolysis by trypsin and growth and survival of selected bacteria

Adamberg, Kaarel; Kostyra, H.; Kostyra, E. Milchwissenschaft = Milk science international 2005 / 4, p. 422-426 <https://www.semanticscholar.org/paper/Influence-of-non-enzymatic-glycosylation-of-whey-of-Adamberg-Kostyra/cd0dff0ba071aea2e324aff612e5618368e06032>

The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A

Sepp, Mari; Vihma, Hanna; Nurm, Kaja; Urb, Mari; Page, Stephanie Cerceo; **Roots, Kaisa; Hark, Anu;** Maher, Brady J.; **Pruunsild, Priit; Timmusk, Tõnis** Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interaction of furcellaran with proteins

Laos, Katrin; Ring, Stephen G.; Noel, Timothy R. The Twelfth Gums and Stabilisers for the Food Industry Conference : 24-27 June 2003, Wrexham, UK : book of abstracts 2003 / p. 84

Interactions between furcellaran and the globular proteins bovine serum albumin and [beeta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Carbohydrate polymers 2007 / p. 116-123 : ill

Interactions between furcellaran and the globular proteins (bovine serum albumin, [beta]-lactoglobulin)

Laos, Katrin 2005 https://www.ester.ee/record=b2097238*est

Interactions between furcellaran and the globular proteins (bovine serum albumin, beta-lactoglobulin) in solutions, gels and films

Laos, Katrin Food and nutrition = Toit ja toitumine 2005 / p. 16-21 : ill

Interactions of metal ions with peptides and proteins related to Alzheimer's disease = Metallioonide interaktsioonid Alzheimeri tõvega seotud peptiidide ja valkudega

Berntsson, Elina 2025 https://www.ester.ee/record=b5720764*est <https://doi.org/10.23658/taltech.5/2025>
<https://digikogu.taltech.ee/et/Item/ccd57cc9-0670-4c08-b9b8-9bc359475486>

Interactome rewiring following pharmacological targeting of BET bromodomains

Lambert, Jean-Philippe; Picaud, Sarah; Fujisawa, Takao; **Uusküla-Reimand, Liis** Molecular cell 2019 / p. 621-638.e17 : ill
<https://doi.org/10.1016/j.molcel.2018.11.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interrelationship between protein bound uremic toxin indoxyl sulfate concentration in blood and spent dialysate during hemodialysis treatment : [abstract]

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen**; **Fridolin, Ivo**; **Lauri, Kai**; Leis, Liisi; **Pilt, Kristjan**; **Tanner, Risto**; **Luman, Merike** Nephrology dialysis transplantation 2021 / p. 382 : ill <https://doi.org/10.1093/ndt/gfab099.005>

Investigation of properties and reaction mechanisms of redox-active proteins by ESI MS = Redoks-aktiivsete valkude omaduste ja reaktsioonimehhanismide uurimine ESI-MS abil

Smirnova, Julia 2013 https://www.ester.ee/record=b2965120*est

Is fluorescence valid to monitor removal of protein bound uremic solutes in dialysis?

Arund, Jürgen; **Luman, Merike**; **Uhlén, Nils Fredrik Arne**; **Tanner, Risto**; **Fridolin, Ivo** PLoS ONE 2016 / art. e0156541, p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0156541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kasvajarakkude pinna morfoloogilised muutused hematoporfüriini derivaadi (HPD) fotodünaamilisel toimel on seotud ATP alanemisega ja tsütoskeleti proteiinide sulfhüdriilsete rühmade oksüdatsiooniga

Tšekulajeva, Ludmilla; **Ševtšuk, Igor**; **Tšekulajev, Vladimir** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 146-147 : ill https://www.ester.ee/record=b1761049*est

Liha asuvad toidulaualt välja sööma putukad ja vetikad

Liebert, Tiit Postimees 2020 / Lk. 23 : fot <https://dea.digar.ee/article/postimees/2020/11/10/21.1>

Liiga palju või liiga vähe seedeensüüme viib meid üsna pea rivist välja. Mida teha, et neid oleks parasjagu?

Adamberg, Signe; **Adamberg, Kaarel** delfi.ee 2024 [Liiga palju või liiga vähe seedeensüüme viib meid üsna pea rivist välja. Mida teha, et neid oleks parasjagu?](#)

Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations

Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; **Palumaa, Peep**; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 <https://doi.org/10.1111/apha.14044>

Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with Sclerospora graminicola

Lavanya, S.N.; Udayashankar, A.C.; Raj, S. Niranjana; Mohan, Chakrabhavi Dhananjaya; **Gupta, Vijai Kumar**; Tarasatyavati, C.; Srivastava, R.; Nayaka, S. Chandra 3 Biotech 2018 / Art. nr. 475 <https://doi.org/10.1007/s13205-018-1501-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipoproteiinlipaasi aktiivsuse regulatsioon angiopoietini-sarnase valgu 4 kaudu ning seda mõjutavad tegurid

Robal, Terje; **Lillepruun, Miina**; **Löökene, Aivar** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 69

MANF is widely expressed in mammalian tissues and differently regulated after ischemic and epileptic insults in rodent brain

Lindholm, Päivi; Peränen, Johan; Andressoo, Jaan-Ölle; Kalkkinen, Nisse; Kokaia, Zaal; Lindvall, Olle; **Timmusk, Tõnis**; **Saarma, Mart** Molecular and cellular neuroscience 2008 / p. 356-371 : ill <https://pubmed.ncbi.nlm.nih.gov/18718866/>

Mart Saarma tööühm avastas ajurakke kaitsva valgu

Kändler, Tiit Eesti Päevaleht 2007 / lk. 24 <https://www.postimees.ee/1682065/mart-saarma-tooruhm-avastas-ajurakke-kaitsva-valgu>

Mass-spectrometric analysis of sobemoviruses reveals a novel chemical bond between RNA and a protein

Olspert, Allan; **Peil, Lauri**; **Truve, Erkki** FESPB-EPSO Plant Biology Congress : Freiburg, 29 July - 3 Aug. 2012 2012 / p. 715

Mass-spectrometric analysis of sobemoviruses reveals a novel chemical bond between RNA and a protein

Olspert, Allan; **Peil, Lauri**; **Truve, Erkki** 10th International Congress on Plant Molecular Biology : Jeju, October 21-26, 2012 2012 <https://www.etis.ee/Portal/Publications/Display/421bdd53-9f44-4166-8907-466d8c130f62>

Maximum entropy reconstruction of joint [phi], [psi]-distribution with a coil-library prior : the backbone conformation of the peptide hormone motilin in aqueous solution from [phi] and [psi]-dependent J-couplings

Massad, Tariq; Jarvet, Jüri; **Tanner, Risto**; **Tomson, Katrin**; **Smirnova, Julia**; **Palumaa, Peep**; Sugai, Mariko; Kohno, Toshiyuki; **Vanatalu, Kalju**; Damberg, Peter Journal of biomolecular NMR 2007 / 2, p. 107-123

https://www.researchgate.net/publication/6369716_Maximum_entropy_reconstruction_of_joint_phps-distribution_with_a_coil-library_prior_The_backbone_conformation_of_the_peptide_hormone_motilin_in_aqueous_solution_from_ph_and_ps-dependent_J-couplings

Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells

Smith, P.G.; Garcia, R.; **Kogerman, Lembi** Experimental cell research 1998 / p. 353-360

Meiotic genes and proteins in cereals

Jenkins, G.; Phillips, D.; Mikhailova, E.I.; **Timofejeva, Ljudmilla**; Jones, R.N. Cytogenetic and genome research 2008 / 3/4, p. 291-301

Mercury ion binding to apolipoprotein E variants ApoE2, ApoE3, and ApoE4 : similar binding affinities but different structure induction effects

Berntsson, Elina; Sardis, Merlin; Noormägi, Andra; Jarvet, Jüri; Roos, Per M.; **Tõugu, Vello**; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. ACS omega 2022 / p. 28924-28931 <https://doi.org/10.1021/acsomega.2c02254> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A metabolic study of insect cells in batch and continuous culture : application of chemostat and turbidostat to the production of recombinant proteins

Drews, Monika 1999 http://www.ester.ee/record=b1055103*est

Metal-binding mechanism of Cox17, a copper chaperone for cytochrome c oxidase

Palumaa, Peep; Kangur, Liina; Voronova, Anastassia; Sillard, Rannar Biochemical journal 2004 / 1, p. 307-314 <https://pubmed.ncbi.nlm.nih.gov/15142040/>

Metals in ALS TDP-43 pathology

Koski, Lassi; Ronnevi, Cecilia; **Berntsson, Elina**; Wärmländer, Sebastian K.T.S.; Roos, Per M. International Journal of Molecular Sciences 2021 / Art. nr. 12193 <https://doi.org/10.3390/ijms222212193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Micropatterned surface imprinted PEDOT films for selective protein recognition

Sõritski, Vitali; Kaev, Jevgeni; **Reut, Jekaterina; Öpik, Andres**; Gyurcsanyi, Robert E.; Rappich, Jörg 60th Annual Meeting of the International Society of Electrochemistry : Beijing, China, 16-21 August, 2009 2009 / ? p

MIP-based electrochemical sensor for direct detection of hepatitis C virus via E2 envelope protein

Antipchik, Mariia; Reut, Jekaterina; Ayankojo, Akinrinade George; Öpik, Andres; Sõritski, Vitali Talanta 2022 / art. 123737 <https://doi.org/10.1016/j.talanta.2022.123737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitochondrial copper(I) transfer from Cox17 to Sco1 is coupled to electron transfer

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Hadjiloi, Theodoros; Martinelli, Manuele; **Palumaa, Peep** PNAS 2008 / 19, p. 6803-6808 : ill <https://pubmed.ncbi.nlm.nih.gov/18458339/>

Molecularly imprinted conducting polymers for protein assays

Sõritski, Vitali; Reut, Jekaterina; Menaker, Anna; Gyurcsanyi, Robert E.; Toth, K.; **Öpik, Andres** The International Conference on Science and Technology of Synthetic Metals (ICSM'2006) : Dublin, Ireland, July 2-7, 2006 2006 / [poster presentation]

Molecularly imprinted polymer-based sensor for label-free detection of a neurotrophic factor protein - cerebral dopamine neurotrophic factor

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p <https://events.eventact.com/programview2/Agenda/Lecture/174899?code=3666033>

Molecularly imprinted polymers as synthetic antibodies for neurotrophic factor proteins detection.

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 44 [Molecularly imprinted polymers ...](#)

Mono-tsinkporfüriinide CD spektrite arvutuslik simuleerimine

Osadchuk, Irina XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 33 : ill https://www.ester.ee/record=b1580289*est

Multiple mechanisms repress N-Bak mRNA translation in the healthy and apoptotic neurons

Jakobson, Madis; Jakobson, Maili; Llano, Olaya; **Palgi, Jaan**; Arumäe, Urmas Cell Death and Disease 2013 / art. e777 <https://doi.org/10.1038/cddis.2013.297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Munavalgest loodi materjal, mis eemaldab veest üle 99 protsendi mikroplastist

digi.geenius.ee 2023 [Munavalgest loodi materjal, mis eemaldab veest üle 99 protsendi mikroplastist](#)

40. ptk. Valgubiiokeemia meetodid

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 669-692 : ill

New approaches in capillary electrophoresis for separation and study of proteins = Kapillaarelektroforeesi uued lahendused valkude lahutamisel ja uurimisel
Knjazeva, Tatjana 2011

NF- κ B-dependent regulation of brain-derived neurotrophic factor in hippocampal neurons by X-linked inhibitor of apoptosis protein

Kairisalo, Minna; Korhonen, Laura; **Sepp, Mari**; **Pruunsild, Priit**; Kukkonen, Jyrki; Kivinen, Jenni; **Timmusk, Tõnis**; Blomgren, Klas; Lindholm, Dan European journal of neuroscience 2009 / 6, p. 958-966 : ill <https://pubmed.ncbi.nlm.nih.gov/19735291/>

Non-invasive assessment of skin surface proteins of psoriasis vulgaris patients in response to biological therapy

Orro, Kadri; Salk, Kristiina; Merkulova, Anna; Abram, Kristi; Karelson, Maire; Traks, Tanel; Neuman, Toomas; Spee, Pieter; Kingo, Külli International Journal of Molecular Sciences 2023 / art. 16248 <https://doi.org/10.3390/ijms242216248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Novel loading protocol combines highly efficient encapsulation of exogenous therapeutic toxin with preservation of extracellular vesicles properties, uptake and cargo activity

Zuppone, Stefania; Zarovni, Natasha; Noguchi, Kosuke; **Loria, Francesca**; Morasso, Carlo; Löhmus, Andres; Nakase, Ikuhiko; Vago, Riccardo Discover Nano 2024 / art. 76 <https://doi.org/10.1186/s11671-024-04022-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel N-terminal isoform of the neuron-specific K-Cl cotransporter KCC2

Uvarov, Pavel; Ludwig, Anastasia; Markkanen, Marika; **Pruunsild, Priit**; Kaila, Kai; Delpire, Eric; **Timmusk, Tõnis**; Rivera, Claudio; Airaksinen, Matti S. Journal of biological chemistry 2007 / 42, p. 30570-30576 <https://pubmed.ncbi.nlm.nih.gov/17715129/>

Nucleolar enrichment of brain proteins with critical roles in human neurodevelopment

Slomnicki, Lukasz P.; Malinowska, Agata; **Sepp, Mari**; **Timmusk, Tõnis** Molecular & cellular proteomics 2016 / p. 2055-2075 <https://doi.org/10.1074/mcp.M115.051920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Närvirakkude kasvu ergutajad ja piirajad

Sirp 2020 / lk. 14-15 : portr <https://www.sirp.ee/s1-artiklid/c21-teadus/teaduse-aastapreemia-narvirakkude-kasvu-ergutajad-ja-piirajad/>
https://www.ester.ee/record=b1072938*est

Oligomerization and conformation of amyloidogenic protein human stefin B. Insight from ESI MS

Kumm, Tiina; Taler-Vercecic, Ajda; Skerget, Katja; Friedemann, Merlin; Zerovnik, Eva; **Palumaa, Peep** FEBS journal 2010 / Suppl. 1, lk. 258

On the mechanism of cellular death under photoexcitation of haematoporphyrin derivate

Tšekulajeva, Ludmilla; Ševtšuk, Igor; **Tšekulajev, Vladimir** Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2003 / p. 55-72 : ill https://artiklid.elnet.ee/record=b1011901*est

Optimisation of protein extraction from food industry side-streams: barley spent grain and canola press cake

Kriisa, Marie; Viirma, Maret; Taivosalo, Anastassia; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 128

Optimizing the processing of shellfish (Mytilus edulis and M. trossulus Hybrid) biomass cultivated in the Low Salinity Region of the Baltic Sea for the extraction of meat and proteins

Adler, Indrek; **Kotta, Jonne**; Tuvikene, Rando; Kaldre, Katrin Applied sciences 2022 / art. 5163, 11 p. : ill <https://doi.org/10.3390/app12105163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

P1 - putative movement protein of sobemoviruses

Tamm, Tiina; **Paves, Heiti**; **Meier, Merike**; **Truve, Erkki** EMBO Workshop "Plant Virus Invasion and Host Defence" : Kolymbari, 2000 2000 / p. 23

Phosphotyrosine 1062 is critical for the in vivo activity of the Ret9 receptor tyrosine kinase isoform

Wong, Adrienne; Bogni, Silvia; **Kotka, Pille**; Graaff, Esther de; D'Agati, Vivette; Costantini, Frank; Pachnis, Vassilis Molecular and cellular biology 2005 / 21, p. 9661-9673 : ill <https://colab.ws/articles/10.1128%2Fmcb.25.21.9661-9673.2005>

Photosensitized inactivation of tumor cells by porphyrins and chlorins

Tšekulajeva, Ludmilla 2006 <https://digi.lib.ttu.ee/i/796> https://www.ester.ee/record=b2146047*est

Piimas on põlatud nii rasva kui suhkruid, kuid otsustav on hoopis toitainete koostõla

Adamberg, Signe; Adamberg, Kaarel Oma Maitse 2024 / lk. 67-69 https://www.ester.ee/record=b2069719*est

Plant based proteins - Bitter or not bitter?

Metsoja, Grete; Vaikma, Helen; Rosensvald, Sirli EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022 / 1 p

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

Hartwig, C.; **Veske, Andres;** Krejcova, 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

Plexin-B3 interacts with EB-family proteins through a conserved motif

Laht, Piret; Pill, Kaie; Haller, Elina; Veske, Andres Biochimica et biophysica acta 2012 / p. 888-893 : ill

<https://www.sciencedirect.com/science/article/pii/S0304416512000396>

Plexin-B3 interacts with EB-family proteins through a conserved motif

Laht, Piret; Pill, Kaie; Haller, Elina; Veske, Andres EMBO Conference Series "Microtubules : Structure, Regulation and Functions"

Heidelberg, Germany : 23 May - 26 May 2012 2012 <https://www.sciencedirect.com/science/article/pii/S0304416512000396>

Potyvirus helper component-proteinase and coat protein (CP) have coordinated functions in virus-host interactions and the same CP motif affects virus transmission and accumulation

Andrejeva, Jelena; Puurand, Ülo; **Merits, Andres;** Rabenstein, Frank; **Järvekülg, Lilian;** Valkonen, J.P.T. Journal of general virology

1999 / p. 1133-1139 [https://www.researchgate.net/publication/12942693_Potyvirus_helper_component-](https://www.researchgate.net/publication/12942693_Potyvirus_helper_component-proteinase_and_coat_protein_CP_have_coordinated_functions_in_virus-host_interactions_and_the_same_CP_motif_affects_virus_transmission_and_accumulation)

[proteinase_and_coat_protein_CP_have_coordinated_functions_in_virus-host_interactions_and_the_same_CP_motif_affects_virus_transmission_and_accumulation](https://www.researchgate.net/publication/12942693_Potyvirus_helper_component-proteinase_and_coat_protein_CP_have_coordinated_functions_in_virus-host_interactions_and_the_same_CP_motif_affects_virus_transmission_and_accumulation)

Product life cycle assessment (LCA) of inactive yeast production

Bashiri, Bashir; Banerjee, Susmita; **Vilu, Raivo** 36th VHYC Yeast Conference : Advances in Science and Industrial Production of

Baker's Yeast : "Sustainable yeast production challenges", Duesseldorf, Germany, 22-23 May 2025 2025 / p. 5 [https://vh-](https://vh-berlin.org/vhyc2025/VHYC2025_Abstracts.pdf)

[berlin.org/vhyc2025/VHYC2025_Abstracts.pdf](https://vh-berlin.org/vhyc2025/VHYC2025_Abstracts.pdf)

Production of labelled recombinant proteins in fed-batch system in Escherichia coli = Märgistatud rekombinantsete

valkude tootmine Escherichia coli fed-batch süsteemides

Tomson, Katrin 2007 https://www.ester.ee/record=b2324657*est

Professor: enamikul inimestest jääb lubatud kasu kollageenist saamata

novaator.err.ee 2025 <https://novaator.err.ee/1609610768/professor-enamikul-inimestest-jaab-lubatud-kasu-kollageenist-saamata>

Properties of cocksfoot mottle sobemovirus (CfMV) proteins

Truve, Erkki; Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K. 18th Annual Meeting of the American Society for

Virology : Amherst, 1999 1999 / p. 92

Properties of cocksfoot mottle virus proteins

Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K.; **Truve, Erkki** 11th International Congress of Virology : Sydney,

1999 1999 / p. 68

Protein- and lipid-rich solid slaughterhouse waste anaerobic co-digestion : resource analysis and process optimization =

Proteiini- ja lipiidirikaste tahkete tapamajajäätmete anaeroobne kooskääritamine : ressursi analüüs ja protsessi

optimeerimine

Pitk, Peep 2014 https://www.ester.ee/record=b3724112*est

Protein catabolic rate estimated by on-line monitoring of the UV-absorbance in the spent dialysate

Uhlir, Nils Fredrik Arne; **Fridolin, Ivo** American Society of Nephrology 37th Annual Meeting and Scientific exposition : St.Louis,

Missouri, USA, 2004 2004 / [1] p <https://liu.diva-portal.org/smash/record.jsf?pid=diva2%3A249543&dswid=4914>

Protein permeability and retention during crossflow microfiltration of whey

Loomägi, Peeter; Friedenthal, Margus Food and nutrition = Toit ja toitumine 1996 / p. 125-136: ill

Protein resonance assignment at MAS frequencies approaching 100 kHz : a quantitative comparison of J-coupling and dipolar-coupling-based transfer methods

Penzel, Susanne; Smith, Albert A.; Agarwal, Vipin; Hunkeler, Andreas; **Org, Mai-Liis; Samoson, Ago;** Böckmann, Anja; Ernst,

Matthias; Meier, Beat H. Journal of Biomolecular NMR 2015 / p. 165 - 186 <https://doi.org/10.1007/s10858-015-9975-y> [Journal metrics at](#)

[Scopus Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein synthesis in cell-free systems

Tamm, T.; **Truve, Erkki** Basic cloning procedures 1998 / p. 145-163

Protein trafficking abnormalities in Drosophila tissues with impaired activity of the ZIP7 zinc transporter Catsup

Sasamura, Takeshi; **Groth, Casper**; Khanna, Mansi R.; Whitley, Michael; Fortini, Mark E. Development (Cambridge) 2013 / p. 3018 - 3027 <https://doi.org/10.1242/dev.088336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein turnover forms one of the highest maintenance costs in Lactococcus lactis

Lahtvee, Petri-Jaan; Seiman, Andrus; **Arike, Liisa**; **Adamberg, Kaarel**; **Vilu, Raivo** Microbiology 2014 / p.1501-1512 : ill <https://doi.org/10.1099/mic.0.078089-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein-RNA linkage and posttranslational modifications of feline calicivirus and murine norovirus VPg proteins

Olsper, Allan; Hosmillo, Myra; Chaudhry, Yasmin; Peil, Lauri; **Truve, Erkki**; Goodfellow, Ian PeerJ 2016 / p. 1-14 : ill <https://doi.org/10.7717/peerj.2134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Protein-RNA linkage and post-translational modifications of two sobemovirus VPgs

Olsper, Allan; **Peil, Lauri**; Hebrard, Eugenie; Fargette, Denis; **Truve, Erkki** Journal of general virology 2011 / p. 445-452 : ill <https://www.microbiologyresearch.org/content/journal/jgv/10.1099/vir.0.026476-0>

Proteins in the insulin-secreting cell line MIN6 bind the imidazoline compound BL11282

Shafqat, Jawed; Ishrat, Moin; Jägerbrink, Theres; **Sillard, Rannar**; Mäeorg, Uno; Efendic, Suad; Berggren, Per-Olof; Zaitsev, Sergei V.; Jörmvall, Hans FEBS letters 2008 / 11, p. 1613-1617 <https://www.sciencedirect.com/science/article/pii/S0014579308003219>

Proteolytic processing of potyviral proteins and polyprotein processing intermediates in insect and plant cells

Merits, Andres; Rajamäki, M.-L.; **Saarma, Mart** Journal of general virology 2002 / 5, p. 1211-1221 : ill <https://pubmed.ncbi.nlm.nih.gov/11961277/>

Proteolytic processing of Semliki Forest virus-specific non-structural polyprotein by nsP2 protease

Merits, Andres; Vasiljeva, Lidia; Ahola, Tero; Kääriäinen, Leevi; Auvinen, Petri Journal of general virology 2001 / p. 765-773 : ill <https://dx.doi.org/10.1099/0022-1317-82-4-765>

Purification of recombinant human apometallothionein-3 and reconstitution with zinc

Eriste, Elo; Kruusel, Keiu; **Palumaa, Peep**; Jörmvall, Hans; Sillard, Rannar Protein expression and purification 2003 / 1, p. 161-165 : ill <https://pubmed.ncbi.nlm.nih.gov/12963354/>

Purification, characterization and specificity studies of metalloproteinases from Vipera lebetina snake venom

Trummal, Katrin 2007

Põletikumarkerid ja lipoproteiine remodelleerivad valgud II tüüpi diabeedi (T2DM) haigetel

Aasvee, Katrin; Jauhiainen, Matti; **Viigimaa, Margus**; Tupits, Hiie; Sundvall, Jouko; Kurvinen, Elvira Eesti Arst 2008 / 9, lk. 668-669 https://artiklid.elnet.ee/record=b1065729*est

Reaction of the XPA zinc finger with S-nitrosoglutathione

Smirnova, Julia; Zhukova, Liliya; Witkiewicz-Kucharczyk, Aleksandra; Kopera, Edyta; Oledzki, Jacek; Wyslouch-Cieszyńska, Aleksandra; **Palumaa, Peep**; Hartwig, Andrea; Bal, Wojciech Chemical research in toxicology 2008 / p. 386-392 : ill <https://pubs.acs.org/doi/10.1021/tx700297f>

Redox and metal ion binding properties of human insulin-like growth factor 1 determined by electrospray ionization mass spectrometry

Smirnova, Julia; Muhhina, Jekaterina; Tõugu, Vello; **Palumaa, Peep** Biochemistry 2012 / p. 5851-5859 : ill <https://pubs.acs.org/doi/10.1021/bi300494s>

Redox properties of Cys2His2 and Cys4 zinc fingers determined by electrospray ionization mass spectrometry

Smirnova, Julia; Kabin, Ekaterina; Tõugu, Vello; **Palumaa, Peep** FEBS Open Bio 2018 / p. 923 - 931 <https://doi.org/10.1002/2211-5463.12422> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/>

Regulation of NFAT transcription factors by neuronal activity = NFAT tran[s]kriptsioonitegurite närvitalitlusest sõltuv regulatsioon

Vihma, Hanna 2018 <https://digi.lib.ttu.ee/i/?9924> https://www.ester.ee/record=b5050413*est

Regulation of VPg and replicase production during cocksfoot mottle sobemovirus infection

Mäkinen, K.; Lucchesi, Jimmy; Mäkeläinen, K.; **Tamm, Tiina**; **Saarma, Mart** 11th International Congress of Virology : Sydney, 1999 1999 / p. 301

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

Retarded growth and deficits in the enteric and parasympathetic nervous system in mice lacking GFRa2, a functional neurturin receptor

Rossi, J.; Luukko, K.; Poterbaev, D.; Laurikainen, A.; Sun, Yun-Fu; Laakso, T.; Eerikäinen, S.; Tuominen, R.; Lakso, M.; Rauvala, H.; Arumäe, Urmas; Pasternack, M.; **Saarma, Mart** Neuron 1999 / p. 243-252 <https://pubmed.ncbi.nlm.nih.gov/10069331/>

Retsepte valgukontsentraadi lisandiga

Lipre, Endla; Tõkke, Sirje Sportlaste toitlustamisest : teaduslik-metoodiline kogumik 1983 / lk. 76-82
https://www.ester.ee/record=b1213896*est

Rheological properties of gels formed with furcellaran and globular proteins bovine albumin and [beeta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; **Friedenthal, Margus;** Ring, Stephen G. Annual transactions The Nordic Rheology Society 2005 / p. 269-275 : ill

RNA binding properties of potato A potyvirus encoded structural and non-structural proteins

Merits, Andres; Saarma, Mart ICPP98 : 7th International Congress of Plant Pathology, Edinburgh, Scotland, 9-16 August 1998. Vol. 2, Offered papers, abstracts 1998 / paper 1.11.3 (1 p.)

RNA-binding activities of cocksfoot mottle sobemovirus proteins

Tamm, Tiina; Truve, Erkki Virus research 2000 / p. 197-207

The role of lipid peroxidation and protein degradation in the photodestruction of Ehrlich ascites carcinoma cells sensitized by hematoporphyrin derivative

Ševtšuk, Igor; Tšekulajev, Vladimir; Tšekulajeva, Ludmilla Experimental oncology 2002 / p. 216-224

The role of Sonic Hedgehog pathway in neuro- and tumorigenesis = Sonic Hedgehogi signaaliraja roll neurogeneesis ja vähi tekkes

Bragina, Olga 2010 <https://digi.lib.ttu.ee/i/?502> https://www.ester.ee/record=b2615858*est

The roles of TIMELESS protein and DNA polymerase epsilon in DNA replication initiation in human cells = TIMELESS valgu ja DNA polümeraasi epsiloni rollid DNA replikatsiooni initsiatsioonis inimese rakkudes

Vipat, Sameera Anant 2025 https://www.ester.ee/record=b5748109*est <https://digikogu.taltech.ee/et/Item/1af501a7-c87f-4e13-8ab6-a0f9d33a38c6> <https://doi.org/10.23658/taltech.38/2025>

Saturn-shaped ice burst pattern and fast basal binding of an ice-binding protein from an Antarctic bacterial consortium

Kaleda, Aleksei; Haleva, Lotem; Sarusi, Guy Langmuir 2019 / p. 7337-7346 : ill <https://doi.org/10.1021/acs.langmuir.8b01914> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Secretome profiling reveals virulence-associated proteins of Fusarium proliferatum during interaction with banana fruit

Li, Taotao; Wu, Yu; Wang, Yong; Gao, Haiyan; **Gupta, Vijai Kumar;** Duan, Xuewu; Qu, Hongxia; Jiang, Yueming Biomolecules 2019 / Art. nr. 246 <https://doi.org/10.3390/biom9060246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Site-specific protease activity of the carboxyl-terminal domain of Semliki Forest virus replicase protein nsP2

Vasiljeva, L.; Valmu, L.; Kääriäinen, L.; **Merits, Andres** Journal of biological chemistry 2001 / p. 30786-30793
<https://pubmed.ncbi.nlm.nih.gov/11410598/>

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/>

Sobemovirus virulence protein VPg is a phosphoprotein

Olsper, Allan; Hebrard, Eugénie; Uffert, Gabriela; **Kamsol, Kristjan;** Peil, Lauri; Fargette, Denis; **Truve, Erkki** EMBO Workshop "Genomic approaches to interactions between plant viruses, their hosts and their vectors" : Fenestrelle, June 12-16 2010 / p. P32

Sobemoviruses possess a common genome organization and a highly modified VPg protein

Olspert, Allan; Meier, Merike; Peil, Lauri; **Truve, Erkki** Genetic Control of Plant Pathogenic Viruses and their Vectors : towards new Resistance Strategies : El Puerto de Santa Maria, 23-27 November 2008 2008 / p. 35

Sobemoviruses: genomic organization, potential for recombination and necessity of P1 in systemic infection = Sobemovirused: genoomi organisatsioon, rekombinatsioonipotentsiaal ja valgu P1 vajalikkus süsteemseks infektsiooniks

Sõmera, Merike 2010 https://www.ester.ee/record=b2561127*est

Soluble CD44 interacts with intermediate filament protein vimentin on endothelial cell surface

Päll, Taavi; Pink, Anne; Kasak, Lagle; Turkina, Marina; Anderson, Wally; **Valkna, Andres; Kogerman, Priit** PLoS ONE 2011 / p. e29305 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0029305>

Structural and functional insights into WRKY3 and WRKY4 transcription factors to unravel the WRKY–DNA (W-Box) complex interaction in tomato (Solanum lycopersicum L.). A computational approach

Aamir, Mohd; Singh, Vinay Kumar; Meena, Mukesh; Upadhyay, Rams.; **Gupta, Vijai Kumar;** Singh, Surendra Frontiers in plant science 2017 / art. 819, 24 p. : ill <https://doi.org/10.3389/fpls.2017.00819> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural and functional studies of lipxygenase-hydroperoxide lyase fusion protein in the soft coral Capnella imbricata **Teder, Tarvi; Lõhela, Helike; Samel, Nigulas** 57th ICBL : 4-8 September 2016, Chamonix, Mont Blanc, France 2016 / p. 134

Structural and mechanistic investigations of protein S-glycosyltransferases

Fujinami, Daisuke; Garcia de Gonzalo, Chanthai V.; Biswas, Subhanip; Hao, Yue; Wang, Huan; Garg, Neha; **Lukk, Tiit;** Nair, Satish K.; Donk, Wilfried A. van der Cell Chemical Biology 2021 / p. 1740-1749 <https://doi.org/10.1016/j.chembiol.2021.06.009>

Structural studies of chromatin proteins : the impact of Cryo-EM

Eek, Priit; Tan, Song FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies, Tallinn, 15-17th of June, 2022 : abstract book 2022 / p. 59 https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf

Structure and functioning of copper chaperones

Palumaa, Peep FEBS journal 2013 / p. 151

Structure of a bacterial ice binding protein with two faces of interaction with ice

Mangiagalli, Marco; Sarusi, Guy; **Kaleda, Aleksei;** Bar Dolev, Maya The FEBS journal 2018 / p. 1653-1666 : ill <https://doi.org/10.1111/febs.14434> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure of potato virus a coat protein particles and their dissociation

Ksenofontov, Alexander L.; Dobrov, Eugenie N.; Fedorova, Nataliya V.; Arutyunyan, Alexander Migranovich; Golanikov, Andrey E.; **Järvekülg, Lilian;** Shtykova, Eleonora Vladimirovna Molecular Biology 2018 / p. 913-921 <https://doi.org/10.1134/S0026893318060109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Studies on cocksfoot mottle sobemovirus (CfMV) P1 protein

Meier, Merike; Tamm, Tiina; Paves, Heiti; Truve, Erkki 19th Annual Meeting of the American Society for Virology : Fort Collins, 2000 2000 / p. 60

Study of possible interactions of tubulin, microtubular network, and STOP protein with mitochondria in muscle cells

Guerrero, Karen; Monge, Claire; Brückner, Anna; **Puurand, Ülo; Kadaja, Lumme;** Käämbre, Tuuli; **Seppet, Enn;** Saks, Valdur Molecular and cellular biochemistry 2010 / 1/2, p. 239-249 : ill <https://pubmed.ncbi.nlm.nih.gov/19888554/>

Subcellular localization of five potato virus A proteins

Truve, Erkki; Sarmiento Guerin, Maria Cecilia; Hunt, R.; **Merits, Andres; Paves, Heiti; Järvekülg, Lilian** Plant molecular biology reporter 2000 / p. S30-44

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; **Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki** 5th Congress of the European Foundation for Plant Pathology : Taormina-Giardini-Naxos, 2000 2000 / p. 16

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; **Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki** American Society for Virology Scientific Program and Abstracts : 19th Annual Meeting : Colorado State University, Fort Collins, Colorado, July 8-12, 2000 2000 / p. 92

Substitution of histidine 30 by asparagine in manganese superoxide dismutase alters biophysical properties and supports proliferation in a K562 leukemia cell line

Bonetta, Rosalin; Hunter, Gary J.; Trinh, Chi H.; Borowski, Tomasz; Fenech, Anthony G.; **Kulp, Maria;** Tabares, Leandro C.; Un, Sun; Hunter, Thérèse European biophysics journal 2021 / p. 571-585 : ill <https://doi.org/10.1007/s00249-021-01544-2> [Journal metrics at](#)

Substitution of the Methionine Axial Ligand of the T1 copper for the fungal-like Phenylalanine Ligand (M298F) causes local structural perturbations that lead to thermal instability and reduced catalytic efficiency of the small Laccase from *Streptomyces coelicolor* A3(2)

Zovo, Kairit; Pupart, Hegne; Van Wieren, Arie; Gillilan, Richard E.; **Lukk, Tiit** ACS omega 2022 / p. 6184-6194

<https://doi.org/10.1021/acsomega.1c06668> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suppression of infectious TMV genomes expressed in young transgenic tobacco plants

Siddiqui, Shahid Aslam; **Sarmiento Guerin, Maria Cecilia;** Valkonen, Suvi; **Truve, Erkki;** Lehto, Kirsi Molecular plant-microbe interactions 2007 / 12, p. 1489-1494 : ill <https://apsjournals.apsnet.org/doi/pdf/10.1094/MPMI-20-12-1489>

Suppressors of RNA silencing in plants = RNA vaigistamise supressorid taimedes

Sarmiento Guerin, Maria Cecilia 2008 https://www.ester.ee/record=b2367715*est

Surface imprinted conducting polymer microrods for selective protein recognition

Sõritski, Vitali; Menaker, Anna; Reut, Jekaterina; Gyurcsanyi, Robert E.; **Õpik, Andres** ICSM-2008 : International Conference of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6-11, 2008 : book of abstracts 2008 / p. 43

Tatart süües mõtle, et just see toit on kõhubakterite lemmik ja suurepärase valguallikas

Adamberg, Kaarel; Adamberg, Signe delfi.ee 2025 [Tatart süües mõtle, et just see toit on kõhubakterite lemmik ja suurepärase valguallikas](#)

Teadlane selgitab: kuidas bakterivalgud päästavad külmutatud taina

Luhila, Önnela omamaitse.delfi.ee 2025 <https://omamaitse.delfi.ee/artikkel/120387796/teadlane-selgitab-kuidas-bakterivalgud-paastavad-kulmutatud-taina>

The adsorption of globular proteins, bovine serum albumin and b-lactoglobulin, on poly-L-lysine-furcellaran multilayers

Laos, Katrin; Parker, Roger; Moffat, J.; Wellner, N.; Ring, Stephen G. Carbohydrate polymers 2006 / 3, p. 235-242 : ill <https://www.sciencedirect.com/science/article/pii/S0144861706000269>

The Arabidopsis ROCK-N-ROLLERS gene encodes a homolog of the yeast ATP-dependent DNA helicase MER3 and is required for normal meiotic crossover formation

Chen, Changlin; Zhang, Wei; **Timofejeva, Ljudmilla;** Gerardin, Yaine; Ma, Hong Plant journal 2005 / 3, p. 321-334 <https://pubmed.ncbi.nlm.nih.gov/16045469/>

The BRCA2-interacting Protein, PDS5B, and SPIDR are novel shu complex components

Moiseeva, Tatiana Environmental and molecular mutagenesis 2020 / art. : P54, p. 75 <https://onlinelibrary.wiley.com/doi/epdf/10.1002/em.22405>

The ectopic overexpression of the cotton Ve1 and Ve2-Homolog sequences leads to resistance response to verticillium wilt in arabidopsis

Chen, Jieyin; Li, Nanyang; Ma, Xuefeng; **Gupta, Vijai Kumar;** Zhang, Dandan; Li, Tinggang; Dai, Xiaofeng Frontiers in plant science 2017 / art. 844, 16 p. : ill <https://doi.org/10.3389/fpls.2017.00844> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The electrophoretical spectra of storage proteins and baking properties of rye, triticale and wheat

Tohver, M.; **Kann, Aino; Täht, Riina;** Rahn, I.; **Mihhalevski, Anna** 1st Baltic Conference on Rye - in EU-Context : 2-5 September, 2001, Lithuania, Kaunas : abstracts of oral presentation 2001 / p. 28

The first cysteine-rich domain of the receptor GFR[alpha]1 stabilizes the binding of GDNF

Virtanen, Heidi; Yang, Jianmin; Bessalov, 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 glycine arginine-rich domain of the RNA-binding protein nucleolin regulates its subcellular localization

Doron-Mandel, Ella; **Koppel, Indrek;** Abraham, Ofri; Rishal, Ida The EMBO Journal 2021 / art. e107158 <https://doi.org/10.15252/emboj.2020107158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The hardness and transparency of whey protein gels between pH 3.5-4.0

Hödrejäv, Ü.; **Friedenthal, Margus** Food and nutrition = Toit ja toitumine 1998 / p. 59-67

The interactions between furcellaran and milk proteins (BSA, BLG)

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Marine Biopolymers : Structure, Functionality and Applications : June 27-29, 2004, Trondheim, Norway : a satellite to the XVIII International Seaweed Symposium : programme. Abstracts for oral and poster presentations 2004 / p. P8

The IRE1 α inhibitor KIRA6 blocks Leukotriene Biosynthesis in human phagocytes

Tang, Xiao; **Teder, Tarvi**; Samuelsson, Bengt; Haeggström, Jesper Z. *Frontiers in pharmacology* 2022 / art. 806240
<https://doi.org/10.3389/fphar.2022.806240>

The protein-rich additives in bakery products

Kann, Aino; Täht, Riina 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 49

The role of CD44 in the control of endothelial cell proliferation and angiogenesis = CD44 roll angiogeneesis ja endoteelirakkude jagunemises

Pink, Anne 2016 http://www.ester.ee/record=b4610555*est

The storage proteins of hexaploid wheat and their relation to bread-making quality

Tohver, M. *Food and nutrition = Toit ja toitumine* 1998 / p. 68-75: ill

The study of static and dynamic environmental stress of *Saccharomyces cerevisiae* using heat shock protein Hsp12p-Gfp2p construct

Nisamedtinov, Ildar; Lindsey, R.; Karreman, R.; **Orumets, Kerti**; Koplimaa, Mariane; Kevvai, Kaspar; **Paalme, Toomas** *Physiology of Yeast and Filamentous Fungi PYFF3 : 3rd European Federation of Biotechnology Conference : Helsinki (Finland), June 13-16, 2007* 2007 / p. 70

The subcellular localisation and the RNA binding properties of two nonstructural proteins of cocksfoot mottle virus (CfMV)

Tamm, Tiina; Meier, Merike; Lasn, G.; **Truve, Erkki** *Plant molecular biology reporter* 2000 / p. S30-42

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/>

TIMELESS recruits the Fork Protection Complex to the replisome during DNA replication initiation in human cells' : [manuscript]

Vipat, Sameera Anant; Shapovalovaite, Karina; Morgunov, Arthur; Harolika, Rohan; Vallo, Sigvard; **Moiseeva, Tatiana** *The roles of TIMELESS protein and DNA polymerase epsilon in DNA replication initiation in human cells = TIMELESS valgu ja DNA polümeraas epsilon rollid DNA replikatsiooni initsiatsioonis inimise rakkudes* 2025 / [17] p <https://digikogu.taltech.ee/et/Item/1af501a7-c87f-4e13-8ab6-a0f9d33a38c6>

The TIMELESS roles in genome stability and beyond

Vipat, Sameera Anant; Moiseeva, Tatiana *Journal of molecular biology* 2024 / art. 168206, 14 p. : ill
<https://doi.org/10.1016/j.jmb.2023.168206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toiduteadlaste põhjalik ülevaade piimast: kvaliteetsete piimatoodete vältimisel on omad keerukad tagajärjed

Adamberg, Signe; Adamberg, Kaarel *omamaitse.delfi.ee* 2024 [Toiduteadlaste põhjalik ülevaade piimast: kvaliteetsete piimatoodete vältimisel on omad keerukad tagajärjed](https://omamaitse.delfi.ee/2024/01/10/toiduteadlaste-pohjalik-ulevaade-piimast-kvaliteetsete-piimatoodete-valtimisel-on-omad-keerukad-tagajarjed/)

Toidutehnoloog hindab poesülte. „Huvitav, mis teeb sellest süldist delikatessi?“

Kivi, Eva-Lotta *maaleht.ee* 2022 [Toidutehnoloog hindab poesülte. „Huvitav, mis teeb sellest süldist delikatessi?“](https://maaleht.ee/2022/01/10/toidutehnoloog-hindab-poesulte-huvitav-mis-teeb-sellest-syldist-delikatessi/)

Towards a protein interaction map of potyviruses : protein interaction matrixes of two potyviruses based on yeast-two hybrid system

Guo, D.; Rajamäki, M.-L.; **Saarma, Mart**; Valkonen, J.P.T. *Journal of general virology* 2001 / 4, p. 935-939 : ill
<https://pubmed.ncbi.nlm.nih.gov/11257200/>

Transcriptional and translational regulation of brain-derived neurotrophic factor = Aju päritolu neurotroofse teguri transkriptsiooni ja translatsiooni regulatsioon

Tuvikene, Jürgen 2020 https://www.ester.ee/record=b5392533*est <https://digikogu.taltech.ee/et/Item/4f057c26-5150-4380-a9a9-dab1ce4dc384>

Transcriptional mechanisms of BDNF gene regulation = BDNF geeni avaldumise transkriptsioonilised mehhanismid

Koppel, Indrek 2013 https://www.ester.ee/record=b3046255*est

The transcriptional repressor domain of Gli3 is intrinsically disordered

Tsanev, Robert; Vanatalu, Kalju; Jarvet, Jüri; Tanner, Risto; **Laur, Kristi; Tiigimägi, Piret**; Kragelund, Birthe B.; Østerlund, Torben; **Kogerman, Priit** *PLoS ONE* 2013 / art. e76972 <https://doi.org/10.1371/journal.pone.0076972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Translatome regulation in neuronal injury and axon regrowth

Rozenbaum, Meir; Rajman, Marek; Rishal, Ida; **Koppel, Indrek** *eNeuro* 2018 / art. e0276-17.2018, 15 p. : ill

Triacylglycerol-rich lipoproteins protect lipoprotein lipase from inactivation by ANGPTL3 and ANGPTL4

Nilsson, Stefan K.; **Lõokene, Aivar** Biochimica et biophysica acta : molecular and Cell biology of lipids 2012 / p. 1370-1378 : ill
<https://pubmed.ncbi.nlm.nih.gov/22732211/>

Triglütseriinide metabolismis osalev angiopoietini-sarnane valk 4-struktuur ja oligomerisatsioon

Lillepruun, Miina; Robal, Terje; **Lõokene, Aivar** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 55

2'-5' oligoadenylate-binding protein(s) in higher plants

Truve, Erkki; Nigul, Lenne; Saichenko, T.A.; Saarma, Mart; Kelve, Merike BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 34

Two potato proteins, including a novel RING finger protein (HIP1), interact with the poroviral multifunctional protein HCpro

Guo, D.; Spetz, C.; **Saarma, Mart**; Valkonen, J.P. Molecular plant-microbe interactions 2003 / 5, p. 405-410
<https://pubmed.ncbi.nlm.nih.gov/12744511/>

Tõnis Timmusk uurib organismi toimimise aluseid

Laurisaar, Riho Eesti Päevaleht 2010 / lk. 7

Unlocking the potential of shellfish biomass : refining protein extraction from Baltic blue mussels for sustainable food applications

Adler, Indrek; Kotta, Jonne; Tuvikene, Rando; Orav Kotta, Helen Cogent food & agriculture 2024 / art. 2405880, 13 p. : ill
<https://doi.org/10.1080/23311932.2024.2405880> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

UPR responsive genes Manf and Xbp1 in stroke

Lõhelaid, Helike; Anttila, Jenni E.; Liew, Hock-Kean; Tseng, Kuan-Yin; Teppo, Jaakko; Stratoulis, Vassilis; Airavaara, Mikko Frontiers in cellular neuroscience 2022 / art. 900725 <https://doi.org/10.3389/fncel.2022.900725>

Uued valktoidud

Köstner, Ado Õhtuleht 1983 / lk. [?] https://www.ester.ee/record=b1072244*est

Valguprobleemist Eesti NSV-S : [tervislikust toitumisest]

Vagane, Einar; **Kask, Karl** Sotsialistlik Põllumajandus 1976 / lk. 702-703 https://www.ester.ee/record=b1232872*est

Valgurikaste lisandite kasutamine pagaritoodetes

Kann, Aino; Täht, Riina XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 44

Valgutooted trügivad polettidele

Leinus, Heilika; **Pitsi, Tagli** Postimees 2016 / lk. 26 <https://majandus.postimees.ee/3666907/valgutooted-trugivad-poelettidele>

Valkmälu

Toomsalu, Arvo Arvutimaailm 1995 / 7, lk. 42-44: ill

Valku, rasva, suhkruid, ravimeid ... mikroobidelt

Köstner, Ado Horisont 1983 / lk. 4-6 : ill., foto https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/70110>

Valkudest rakised valkude tegemiseks : [intervjuu riigi teaduspreemia saaja Jaanus Remmega Tartu ülikooli molekulaar- ja rakubioloogia instituudist]

Strandberg, Marek; Remme, Jaanus Sirp 2013 / lk. 24 : ill <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/valkudest-rakised-valkude-tegemiseks/>

Vertebrate homologues of Drosophila fused kinase and their roles in Sonic Hedgehog signalling pathway = Selgroogsete fu kinaasi homologide roll Sonic Hedgehogi signaali ülekanderajas

Maloverjan, Alla 2010 https://www.ester.ee/record=b2643366*est

Vipera lebetina venom nerve growth factor

Siigur, Ene; **Paalme, Viu**; Trummal, Katrin; Tõnismägi, Külli; **Järvekülg, Lilian**; Subbi, Juhan; Siigur, Jüri 16th European Section Meeting of the International Society on Toxinology : Leuven, Belgium, 7-10 September 2008 : book of abstracts 2008 / p. 55

Wolframin deficiency is accompanied with metabolic inflexibility in rat striated muscles

Tepp, Kersti; **Aid-Vanakova, Jekaterina**; Puurand, Marju; Timohhina, Natalja; **Reinsalu, Leenu**; Tein, Karin; Plaas, Mario; Ševtšuk, Igor; Terasmaa, Anton; Käämbre, Tuuli Biochemistry and Biophysics Reports 2022 / art. 101250
<https://doi.org/10.1016/j.bbrep.2022.101250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vpg, coat protein and five non-structural proteins of potato A potyvirus bind RNA in a sequence-unspecific manner
Merits, Andres; Deyin, G.; Saarma, Mart Journal of general virology 1998 / p. 3123-3127

Võitlus vähiga ja lõhnamaailma mõistmine

Lopp, Margus; Niidu, Allan Horisont 2004 / 6, lk. 23-24 : ill https://artiklid.elnet.ee/record=b1017011*est

Õiged toonid hävitavad vaenlase

Strandberg, Marek Inseneeria 2015 / lk. 9 : fot https://artiklid.elnet.ee/record=b2748893*est

Биосинтез белков иммобилизованными клетками

Köstner, Ado Биоконверсия-88 : теоретические основы микробной конверсии : тезисы докладов конференции 1988 / с. 61
https://www.ester.ee/record=b2023381*est

Влияние белковых добавок на содержание N-нитрозоаминокислот в колбасных изделиях

Hamburg, Andres; Hamburg, Anu Вопросы повышения качества пищевых продуктов 1986 / с. 45-51

Гетерогенный характер модификации белков при замещении их аминокислот. Ацилирование α -химотрипсина

Jakunitskaja, L.M.; Beljakov, N.V.; Samartsev, M.A.; Köstner, Ado Биохимия = Biochemistry 1983 / с. 1596-1603 : таб., рис
https://www.ester.ee/record=b1222799*est

Зависимость пенообразования от величины молекул белков в молочной сыворотке

Randla, Tiina; Erin, Anne Модификация и кинетика гидролитических ферментов 1985 / с. 139-146

Закономерности гидролиза белковых субстратов иммобилизованными протеазами

Erin, Anne; Kivisilla, Külliki; Friedenthal, Margus; Kreen, Malle XII Менделеевский съезд по общей и прикладной химии. Кн. 2: Органическая химия и технология органических веществ. Биоорганическая химия и биохимия. Химия и технология высокомолекулярных соединений : рефераты докладов и сообщений 1981 / с. 164-165 https://www.ester.ee/record=b1308687*est

Изучение процесса выкристаллизации лизоцима из яичного белка

Kalbina, Irina; Friedenthal, Margus Прикладные биокаталитические процессы 1989 / с. 35-42

Изучение реакции гидролиза иминоэфиров микрокалориметрическим методом

Käard, Arvo; Siimer, Enn; Köstner, Ado VI Республиканская конференция молодых ученых-химиков : тезисы докладов 1985 / с. 78 https://www.ester.ee/record=b1232928*est

Иммобилизованный протосубтипин Г10Х-биокатализатор для гидролиза белков

Baltser, D.; Kreen, Malle Новые процессы и оборудование для получения веществ реактивной квалификации : тезисы докладов всесоюзной научно-технической конференции "Реахимтехника-2" (г. Днепропетровск, сент. 1985 г.), ч. 1 1985 / с. ?

Использование иммобилизованных протеаз при гидролизе белков

Banhard, M.; Kreen, Malle Тезисы докладов : [XXI студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 27-29 марта 1975 г.] 1975 / с. 354-355 https://www.ester.ee/record=b1571620*est

Исследование распределения некоторых минеральных элементов молока при осаждении белка

Гаруцкайте, Раса; Семенас, Видмантас; Мартите, Гитана; Рамонайтите, Дануте 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция химии и технологии пищевых продуктов. Секция биотехнологии 1991 / с. 10-12

Исследования текстуры белкового полуфабриката для тортов акустическим способом

Бальчюнайте, Рима; Юодейкене, Гражина 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция химии и технологии пищевых продуктов. Секция биотехнологии 1991 / с. 13-15: ил

Калориметрическое исследование нативности препарата сывороточного альбумина

Friedenthal, Margus; Ignat, Aare; Kropatšjov, Aleksandr Характеристика действия биокатализаторов 1987 / с. 49-56

Ковалентная модификация белков и аминокислот иминоэфирами и производными карбоксильных кислот : автореферат ... кандидата химических наук (02.00.03)

Käard, Arvo 1986 https://www.ester.ee/record=b1520013*est

Ковалентная модификация белков и аминокислот иминоэфирами и производными карбоксильных кислот : автореферат ... кандидата химических наук

Käard, Arvo 1986 https://www.ester.ee/record=b1520013*est

Количественное определение состава обезжиренного концентрата сывороточных белков молока

Friedenthal, Margus; Ebber, Elvira Известия АН Эстонии. Химия 1991 / 1, с. 63-66: ил

Модификация белковых веществ иминоэфирами. 1, Получение и свойства диэтилового эфира бисиминоадипиновой кислоты

Käär, Arvo Модификация и кинетика гидролитических ферментов 1985 / с. 55-65

Модификация белковых веществ иминоэфирами. 2, Математическая модель кинетики процесса

Käär, Arvo; Tammeraid, Ivar Модификация и кинетика гидролитических ферментов 1985 / с. 67-76

Модификация белковых веществ иминоэфирами. Сообщ. 3, Микрокалориметрическое исследование кинетики реакции гидролиза иминоэфиров

Käär, Arvo; Siimer, Enn Физико-химические характеристики биокатализаторов 1986 / с. 47-53

Нахождение условий максимальной модификации аминокрупп белка с контролем методом изо электрического фокусирования в тонком слоевич

Jakunitskaja, L.M.; Samartsev, M.A.; Beljakov, N.V.; **Köstner, Ado** Шестой Всесоюзный симпозиум по химии белков и пептидов : тезисы докладов 1983 / с. 131-132 https://www.ester.ee/record=b3799126*est

Наши друзья

Pitsi, Tagli 1999 https://www.ester.ee/record=b3647063*est

О содержании белков в рационе населения Эстонской ССР

Kask, Karl; Teras, T. Личное потребление и основные направления его развития : тезисы докладов республиканской научной конференции 1969 / с. 50-53 : таб https://www.ester.ee/record=b1349933*est

О содержании жира и белков в мясе балтийской кильки

Krosing, Valve; Veldre, I. Технология пищевых производств. 3 1973 / с. 3-7 : илл https://www.ester.ee/record=b1440564*est
<https://digikogu.taltech.ee/et/Item/2f01dab2-df7a-4d0f-9845-612dede2f5e5>

Обнаружение среднемолекулярных уремиических токсинов при помощи системы быстрой белковой жидкостной хроматографии

Tähepõld, L.; Laasik, Ü.; **Käär, Arvo** V Всесоюзный биохимический съезд [Киев] : тезисы стендовых сообщений. Т. 2 1986 / с. 314 https://www.ester.ee/record=b3798955*est

Пенообразующая способность белков подсырной сыворотки

Friedenthal, Margus; Ignat, Aare Характеристика действия биокатализаторов 1987 / с. 57-66

Получение белка из рыбных бульонов

Tauts, Olev; Täht, Riina Вопросы повышения качества пищевых продуктов 1984 / с. 43-47

Получение белкового концентрата из семян рапса

Tedersoo, Erge; Tauts, Olev Вопросы повышения качества пищевых продуктов 1986 / с. 87-90

Получение белковых гидролизаторов с помощью иммобилизованных протеолитических ферментов

Kreen, Malle; Pappel, Kaie Тезисы докладов Всесоюзного совещания "Физическая химия структурирования пищевых белков" : с 31 мая по 2 июня 1983 г. 1983 / с. 84-85 https://www.ester.ee/record=b1570207*est

Получение эмульсий на основе белковых побочных продуктов пищевой промышленности

Täht, Riina; Tauts, Olev; Kann, Jüri Тезисы докладов Всесоюзного совещания "Физическая химия структурирования пищевых белков" : с 31 мая по 2 июня 1983 г 1983 / с. 2 https://www.ester.ee/record=b1570207*est

Применение белковых концентратов из подсырной сыворотки

Friedenthal, Margus; Rebane, A. Молочная промышленность : ежемесячный научно-технический и производственный журнал 1987 / с. 22-24 https://www.ester.ee/record=b2654133*est

Применение препаративного электрофореза на бумаге

Kraav, T.; Muršak, R.; Köstner, Ado XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 60 https://www.ester.ee/record=b1379468*est

Производство кормового микробиологического белка и охрана окружающей среды

Palm, Toivo; Jagomägi, A.; Holstinina, Natalja; Köstner, Ado Проблемы промышленной экологии 1988 / с. 42-47

Разработка препаратов сывороточных белков из молока с улучшенными пенообразующими свойствами

Friedenthal, Margus; Ungeson, A. Разработка процессов получения комбинированных продуктов питания (медико-

биологические аспекты, технология, аппаратное оформление, оптимизация) : тезисы докладов Третьей Всесоюзной научно-технической конференции 1988 / с. ?

Условие применения бифункциональных силевающих агентов

Rappel, Kaie; Käär, Arvo; Köstner, Ado Тезисы докладов Всесоюзного совещания "Физическая химия структурирования пищевых белков" : с 31 мая по 2 июня 1983 г. 1983 / с. 84 https://www.ester.ee/record=b1570207*est

Фабрики кормового белка

Köstner, Ado Советская Эстония : орган ЦК Компартии Эстонии, Верховного Совета и Совета Министров Эстонской ССР 1983 / с. 2 https://www.ester.ee/record=b1447330*est

Ферментативный гидролиз белков плазмы крови с целью получения свободных аминокислот

Adamson, T. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 5 https://www.ester.ee/record=b5165223*est

Химико-технологическая характеристика белков подсырной сыворотки

Friedenthal, Margus Физико-химические характеристики биокатализаторов 1986 / с. 25-35