

### **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 supressioonis ja nende evolutsioon**

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

### **Activation of 11R-lipoxygenase is fully Ca<sup>2+</sup>-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**

**Löhelaid, 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**

**Löhelaid, Helike** 2015 <https://digi.lib.ttu.ee/?1870> [https://www.ester.ee/record=b4446782\\*est](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](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; Ustrnul, Lukas; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **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](#)

**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**

**Löökene, 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. XIIIth 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

<http://dx.doi.org/10.1080/19491034.2015.1074359>

**Chimeric allene oxide synthase-lipoxygenase fusion proteins**

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

**Chimeric allene oxide synthase-lipoxygenase fusion proteins**

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

**Chirogenesis in Chemical Science**

2023 <https://doi.org/10.1142/12915>

**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](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 triticale**

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 triticale 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; Öunpuu, 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>

### **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.)

### **Development of high definition protein from cheese whey**

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

### **Effect of methionine-35 oxidation on the aggregation of amyloid- $\beta$ 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>

### **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

### **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; Öpik, 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 TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiaid" : 04.-05. märts 2014, Tartu 2014 / [1] p

### **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

### **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/>

### **Evaluation of Zn<sup>2+</sup>- and Cu<sup>2+</sup>-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 <http://www.jbc.org/cgi/doi/10.1074/jbc.M114.634626>

### **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 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/>

### **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/ttt/ttt2021/Kogumik\\_TLTT2021.pdf](https://terveloomjatervisliktoit.ee/userfiles/ttt/ttt2021/Kogumik_TLTT2021.pdf)

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

**Käär, 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

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

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

### **Functional characterization of the cellular copper proteome = Rakulise vase proteoomi funktsionaalne 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

### **Generation and characterization of a single-chain Fv antibody against Gli3, a hedgehog signaling pathway transcription factor**

Laht, Silja; Meerits, Kati; Altroff, 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/>

### **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](https://link.springer.com/chapter/10.1007/978-90-481-3419-9_38)

### **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](#) [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](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](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, Ivan; Brovarets, Volodymyr; Wipf, Peter; Bahar, Ivet; Karpichev, Yevgen Helvetica chimica acta 2023 / art. e202300133, 26 p. : ill <https://doi.org/10.1002/hlca.202300133> [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](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** FOODBAL-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/1XlsPAG9dVeX6luVaBMAM08F7Q50ktrdh/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**; **Natalello, 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 structure-functional characterisation of the gene transcriptional repressor domain of human Gli proteins = Inimese Gli-vaikude transkriptsioonilise repressordomeeni määramine ja struktuurilis-funktsionaalne iseloomustus**

**Tsanev, Robert** 2014 [https://www.ester.ee/record=b4412583\\*est](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 glycolytic proteins as binding partners of Bri2 BRICHOS domain**

Tigro, Helene; Shimozawa, 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**

Oruetxebarria, 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 aluspinnaal : valkude molekulaarse jäljendamise meetoodika täiustamine**  
**Boroznjak, Roman**; **Sõritski, Vitali**; **Reut, Jekaterina**; **Õpik, Andres** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 16

### **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 [beta]-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](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

### **Interactome rewiring following pharmacological targeting of BET bomodomains**

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](https://www.ester.ee/record=b2965120*est)

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

**Arund, Jürgen; Luman, Merike; Uhlin, 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 sulfhüdrilsete 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](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>

### **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 angiopoiitini-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-Olle; 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 tööruhm 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**

**Olsper, 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**

**Olsper, 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](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](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](#)

**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](#)

**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](https://www.ester.ee/record=b1580289*est)

#### **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. Valgubiokeemia 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-κB-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>

#### **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](https://www.ester.ee/record=b1072938*est)

#### **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](https://artiklid.elnet.ee/record=b1011901*est)

#### **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](#)

#### **Photosensitized inactivation of tumor cells by porphyrins and chlorins**

**Tšekulajeva, Ludmilla** 2006 <https://digi.lib.ttu.ee/i/296> [https://www.ester.ee/record=b2146047\\*est](https://www.ester.ee/record=b2146047*est)

#### **Piimas on põlatud nii rasva kui suhkruid, kuid otsustav on hoopis toitainete kooskõla**

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

#### **Plant based proteins - Bitter or not bitter?**

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

#### **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>

#### **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>

**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](https://www.ester.ee/record=b2324657*est)

**Protein- and lipid-rich solid slaughterhouse waste anaerobic co-digestion : resource analysis and process optimization = Proteiini- ja lipiidirikaste tahkete tapamajajäätmete anaeroobne kooskäärivamine : ressursi analüüs ja protsessi optimeerimine**

Pitk, Peep 2014 [https://www.ester.ee/record=b3724112\\*est](https://www.ester.ee/record=b3724112*est)

**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 synthesis in cell-free systems**

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

**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

**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](https://artiklid.elnet.ee/record=b1065729*est)

**Reaction of the XPA zinc finger with S-nitrosoglutathione**

Smirnova, Julia; Zhukova, Liliya; Witkiewicz-Kucharzyk, Aleksandra; Kopera, Edyta; Oledzki, Jacek; Wyslouch-Cieszynska,

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-](https://doi.org/10.1002/2211-5463.12422)

[5463.12422](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](https://www.ester.ee/record=b5050413*est)

**Regulator of G protein signalling 16 (RGS16) : functions in immunity and genomic location in an ancient MHC-related evolutionarily conserved syntenic group = G valkude signaaliülekanne regulaator 16 (RGS16) : osalus immuunvastuses ja genoomne asukoht ürgses MHC-seoselises evolutsiooniliselt konserveerunud sünteenses grupis**

Suurväli, Jaanus 2014 [https://www.ester.ee/record=b4439180\\*est](https://www.ester.ee/record=b4439180*est)

**Retsepte valgukontsentraadi lisandiga**

Lipre, Endla; Tökke, Sirje Sportlaste toitlustamisest : teaduslik-metoodiline kogumik 1983 / lk. 76-82

[https://www.ester.ee/record=b1213896\\*est](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

**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](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, Eugenie; 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: genomic organization, potential for recombination and necessity of P1 in systemic infection =**

**Sobemoviirused: genoomi organisatsioon, rekombinatsioonipotentsiaal ja valgu P1 vajalikkus süsteemseks infektsiooniks**

Sõmera, Merike 2010 [https://www.ester.ee/record=b2561127\\*est](https://www.ester.ee/record=b2561127*est)

**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 lipoygenase-hydroperoxide lyase fusion protein in the soft coral *Capnella imbricata***  
**Teder, Tarvi; Löhela, 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](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](#)

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

**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](https://www.ester.ee/record=b2367715*est)

**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, Ylaine; 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

**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**; Rahnu, 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; Bepalov, 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/emj.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**

Hödrejärv, 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 $\alpha$  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 angiogenesis ja endoteelirakkude jagunemises**

**Pink, Anne** 2016 [http://www.ester.ee/record=b4610555\\*est](http://www.ester.ee/record=b4610555*est)

**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](https://www.ester.ee/record=b2615858*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 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/>

**The TIMELESS roles in genome stability and beyond**

**Vipat, Sameera**; **Moiseeva, Tatiana** *Journal of molecular biology* 2023 / art. 168206 <https://doi.org/10.1016/j.jmb.2023.168206>

**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](#)

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

Kivi, Eva-Lotta *maaleht.ee* 2022 [Toidutehnoloog hindab poesülte. „Huvitav, mis teeb sellest süldist 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://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](https://www.ester.ee/record=b3046255*est)

## 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  
<http://dx.doi.org/10.1523/ENEURO.0276-17.2018>

## Triglütseriinide metabolismis osalev angiopoietiini-sarnane valk 4-struktuur ja oligomerisatsioon

**Lillepruun, Miina; Robal, Terje; Löökene, 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 potyviral 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

## UPR responsive genes Manf and Xbp1 in stroke

**Löhelaid, 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 valkoidud

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

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

## Valku, rasva, suhkruid, ravimeid ... mikroobidelt

**Köstner, Ado** Horisont 1983 / lk. 4-6 : ill., foto [https://www.ester.ee/record=b1072243\\*est](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](https://www.ester.ee/record=b2643366*est)

## 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](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](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](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 аминокрупп. Ацилирование $\alpha$ -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](https://www.ester.ee/record=b1222799*est)

## **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](https://www.ester.ee/record=b1308687*est)

## **Изучение реакции гидролиза иминоэфиров микрокалориметрическим методом**

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

## **Иммобилизованный протосубтипин Г10Х-биокатализатор для гидролиза белков**

**Baltsere, 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](https://www.ester.ee/record=b1571620*est)

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

**Käär, Arvo** 1986 [https://www.ester.ee/record=b1520013\\*est](https://www.ester.ee/record=b1520013*est)

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

**Käär, Arvo** 1986 [https://www.ester.ee/record=b1520013\\*est](https://www.ester.ee/record=b1520013*est)

## **Нахождение условий максимальной модификации аминокрупп белка с контролем методом изо электрического фокусирования в тонком слоевч**

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](https://www.ester.ee/record=b3799126*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](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://www.ester.ee/record=b1440564*est)  
<https://digikogu.taltech.ee/et/Item/2f01dab2-df7a-4d0f-9845-612dede2f5e5>

## **Обнаружение среднемoleкулярных уремических токсинов при помощи системы быстрой белковой жидкостной хроматографии**

Täheröld, 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](https://www.ester.ee/record=b3798955*est)

## **Получение белка из рыбных бульонов**

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

## **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](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](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](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](https://www.ester.ee/record=b1379468*est)

**Разработка препаратов сывороточных белков из молока с улучшенными пенообразующими свойствами**

**Friedenthal, Margus**; Ungeson, A. Разработка процессов получения комбинированных продуктов питания (медико-биологические аспекты, технология, аппаратурное оформление, оптимизация) : тезисы докладов Третьей Всесоюзной научно-технической конференции 1988 / с. ?

**Условие применения бифункциональных силевающих агентов**

**Pappel, 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](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](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](https://www.ester.ee/record=b5165223*est)