

Absolute quantitative multi-omics characterization of specific growth rate-dependent metabolism of Escherichia coli = Absoluutselt kvantitatiivsetel oomikameetoditel põhinev kasvuerikiirusest sõltuva Escherichia coli metabolismi kirjeldamine

Valgepea, Kaspar 2014 <https://digi.lib.ttu.ee/i/?1089>

Advanced continuous cultivation methods for systems microbiology

Adamberg, Kaarel; Valgepea, Kaspar; Vilu, Raivo Microbiology 2015 / p. 1707-1719 : ill <https://doi.org/10.1099/mic.0.000146> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Alkaliphilic bacilli employed Embden-Meyerhof-Parnas pathway for sugar catabolism and produced acetic acid as main end product in sugar medium

Paavilainen, Sari; Oinonen, Soili; Korpela, Timo BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 28

An in situ study of bioenergetic properties of human colorectal cancer: The regulation of mitochondrial respiration and distribution of flux control among the components of ATP synthasome

Kaldma, Andrus; Klepinin, Aleksandr; Chekulayev, Vladimir; Mado, Kati; Shevchuk, Igor; Timohhina, Natalja; Tepp, Kersti; Kandashvili, Manana; Planken, Margus; Truu, Laura International journal of biochemistry and cell biology 2014 / p. 171-186 : ill <https://doi.org/10.1016/j.biocel.2014.09.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of energy fluxes in colorectal cancer saponin skinned tissues and Caco-2 cells

Ševtšuk, Igor; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; Ōunpuu, Ljudmila MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 / p. 35-36 : ill http://www.bioblast.at/index.php/Shevchuk_2015_Abstract_MiP2015

Angiopoietin-like protein 4 converts lipoprotein lipase to inactive monomers and modulates lipase activity in adipose tissue

Sukonina, V.; Lõokene, Aivar; Olivecrona, T.; Olivecrona, G. Proceedings of the National Academy of Sciences of the United States of America 2006 / 46, p. 17450-17455 <https://pubmed.ncbi.nlm.nih.gov/17088546/>

Apolipoprotein A-V-heparin interactions : implications for plasma lipoprotein metabolism

Lõokene, Aivar; Beckstead, Jennifer; Nilsson, S.; Olivecrona, G.; Ryan, R.O. Journal of biological chemistry 2005 / 27, p. 25383-25387 <https://pubmed.ncbi.nlm.nih.gov/15878877/>

Application of 13C and fluorescence labeling in metabolic studies of Saccharomyces spp

Nisamedtinov, Ildar 2006 <https://digi.lib.ttu.ee/i/?91> https://www.ester.ee/record=b2195814*est

Application of 13C-[2]- and 13C-[1,2] acetate in metabolic labelling studies of yeast and insect cells

Paalme, Toomas; Nisamedtinov, Ildar; Abner, Kristo; Laht, Tiit-Maie; Drews, Monika; Pehk, Tõnis Antonie van Leeuwenhoek 2006 / 3/4, p. 443-457 <https://link.springer.com/article/10.1007/s10482-005-9053-7>

ATP7A-dependent copper sequestration contributes to termination of β -CATENIN signaling during early adipogenesis

Yang, Haojun; Kabin, Ekaterina; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bidirectionality and compartmentation of metabolic fluxes are revealed in the dynamics of isotopomer networks

Schryer, David; Peterson, Pearu; Paalme, Toomas; Vendelin, Marko International journal of molecular sciences 2009 / 4, p. 1697-1718 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2680642/>

Biokeemia õppematerjal

1998 https://www.ester.ee/record=b1033833*est

Biokeemia õppematerjal. 4

2003 http://www.ester.ee/record=b1779200*est

Biometallide sisaldus Eesti linnaelanike vereseerumis

Viitak, Anu; Muzõka, Vladimir; Bogovski, Sergei Eesti Arst 2004 / 9, lk. 631 https://artiklid.elnet.ee/record=b1047517*est

Biophysics of the organized metabolic networks in muscle and brain cells

Saks, Valdur; Aliev, M.; Guzun, Rita; Beraud, Nathalie; Monge, Claire; Anmann, Tiia; Kuznetsov, A.V.; Seppet, Enn Recent Res.Devel.Biophys 2006 / p. 269-318

Calreticulin promotes folding/dimerization of human lipoprotein lipase expressed in insect cells (sf21)

Zhang, L.; Wu, G.; Tate, C.G.; Lõokene, Aivar; Olivecrona, G. Journal of biological chemistry 2003 / 31, 29344-29351

Cardiac mechanoenergetics in silico

Vendelin, Marko 2001 http://www.ester.ee/record=b1556271*est

Cell type-specific labelling of newly synthesized proteins by puromycin inactivation

Cabrera-Cabrera, Florencia; Tull, Helena; Capuana, Roberta; Kasvandik, Sergio; **Timmusk, Tõnis; Koppel, Indrek** Journal of biological chemistry 2023 / art. 105129, 12 p. : ill <https://doi.org/10.1016/j.jbc.2023.105129> [Journal metrics at Scopus](#) [Article at Scopus](#)

Colorectal polyps increase the glycolytic activity

Rebane-Klemm, Egle; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-metabolism of amino acids and polyfructans by Bacteroides thetaiotaomicron in defined media

Adamberg, Signe; Tomson, Katrin; Vija, Heiki; Visnapuu, Triinu; **Adamberg, Kaarel** 2014 ENGIHR Conference : The Gut Microbiota Throughout Life : Max Rubner-Institut, Karlsruhe (Germany), 24th-26th September 2014 / [3] p. : ill

Co-metabolism of mucins and dietary fibres by gut microbiota = Mutsiinide ja kiudainete kometabolism soolestiku mikrobiota poolt

Raba, Grete 2023 <https://doi.org/10.23658/taltech.11/2023> <https://digikogu.taltech.ee/et/Item/37ec835d-31e6-4779-97c5-f5c65d0dbe48> https://www.ester.ee/record=b5552661*est

Comparative analysis of some aspects of mitochondrial metabolism in differentiated and undifferentiated neuroblastoma cells

Klepinin, Aleksandr; **Kaldma, Andrus; Koit, Andre** Journal of bioenergetics and biomembranes 2014 / p. 17-31 : ill <https://doi.org/10.1007/s10863-013-9529-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of permeability of intact cell-layer using measurements of transepithelial electrical resistance (TEER) and cell metabolic activity

Titma, Tiina In Vitro Toxicology for Human Safety Assessment : October 17-20, 2016, Palais des Congres, Juan-les-Pins, France : final program and abstract book 2016 / p. 157

Comparison of predictive equations for basal metabolic rate

Allik, Ardo; Mägi, Siiri; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert Wireless Mobile Communication and Healthcare : 7th International Conference, MobiHealth 2017, Vienna, Austria, November 14–15, 2017 : proceedings 2018 / p. 261-264 : ill <https://doi.org/10.1007/978-3-319-98551-0> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Complex association of apolipoprotein E–containing HDL with coronary artery disease burden in cardiovascular disease

Sorokin, Alexander V.; Patel, Nidhi; Abdelrahman, Khaled M.; Ling, Clarence; **Reimund, Mart;** Graziano, Giorgio; Sampson, Maureen; Playford, Martin P. JCI Insight 2022 / art. e159577 <https://doi.org/10.1172/jci.insight.159577>

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>

Copper chaperones. The concept of conformational control in the metabolism of copper

Palumaa, Peep FEBS letters 2013 / p. 1902-1910 : ill [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper metabolism in health and disease : focus on copper in adipogenesis and α-lipoic acid in Wilson disease = Vase ainevahetus tervise ja haiguse tingimustes : fookus vasele adipogeneesil ja α-lipoehappele Wilsoni tõve korral

Kabin, Ekaterina 2023 <https://doi.org/10.23658/taltech.69/2023> <https://digikogu.taltech.ee/et/Item/6b47422f-75fd-4e9a-b16c-8edd3c3e201a> https://www.ester.ee/record=b5645433*est

Current state of the art of analyte scope in urine metabolome analysis by non-hydrogenative PHIP

Reimets, Nele; Ausmees, Kerti; Reile, Indrek Journal of Magnetic Resonance Open 2024 / art. 100171, 5 p. : ill <https://doi.org/10.1016/j.jmro.2024.100171>

Development of a dedicated Golden Gate Assembly Platform (RtGGA) for Rhodotorula toruloides

Bonturi, Nemailla; Pinheiro, Marina Julio; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; **Liudžiute, Gintare; De Biaggi, Giuliano Sabedotti;** Brauer, Age; Remm, Mado; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; **Lahtvee, Petri-Jaan** Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eakate hoolealuste ainevahetus ja toitumine

Vagane, Einar; **Saava, Merileid**; **Jegorov, Helju**; Pauts, V.; Muhk, T. Nõukogude Eesti Tervishoid : ajakiri : Eesti NSV Tervishoiministeeriumi häälekandja 1977 / lk. 21-25 https://www.ester.ee/record=b1181380*est

Effect of selective inhibitors on arachidonic acid metabolism in the soft coral *Gersemia fruticosa*

Varvas, Külliki; **Järving, Ivar**; Valmsen, Karin; **Koljak, Reet**; Samel, Nigulas Prostaglandins leukotrienes and essential fatty acids 1996 / p. 82

Elucidation of metabolism network of mammalian cell line K562 using 2-14 C glucose label and stoichiometric modelling

Drews, Monika; **Paalme, Toomas** Animal cell technology : from vaccines to genetic medicine 1997 / p. 697-702

Enantioselective CE analysis of hepatic ketamine metabolism in different species in vitro

Schmitz, Andrea; Thormann, Wolfgang; Moessner, Lone; Theurillat, Regula; **Helmja, Kati**; Mevissen, Meike Electrophoresis 2010 / 9, p. 1506-1516 : ill <https://pubmed.ncbi.nlm.nih.gov/20358543/>

Energetics and calcium handling in hearts from creatine-deficient mice = Energeetika ja kaltsiumi käitlemine kreatiini puudulike hiirte südames

Branovets, Jelena 2022 <https://doi.org/10.23658/taltech.56/2022> <https://digikogu.taltech.ee/et/Item/36325289-f635-4816-bddc-2246206e6dc1> https://www.ester.ee/record=b5511927*est

Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis

Reinsalu, Leenu; Puurand, Marju; Tšekulajev, Vladimir; **Miller, Sten**; Ševtšuk, Igor; Tepp, Kersti; **Rebane-Klemm, Egle**; Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli Frontiers in Oncology 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> [Journal metrics at Journal Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy Metabolism of Cancer: Unravelling Complexities Through Multiparameter Metabolic Analysis = Energia metabolism vähis: multiparameetriline metaboolne analüüs

Miller, Sten 2025 https://www.ester.ee/record=b5747050*est <https://digikogu.taltech.ee/et/Item/a9603772-0df6-4da7-a018-55213b451759> <https://doi.org/10.23658/taltech.34/2025>

Energy Metabolism Profiling of Human Colorectal Tumours

Reinsalu, Leenu; **Miller, Sten**; **Auditano, Giuseppe Leonardo**; Puurand, Marju; Moreno-Sanchez, Rafael; Saavedra, Emma; Valvere, Vahur; Käämbre, Tuuli Journal of cellular and molecular medicine 2025 / art. e70462 : ill <https://doi.org/10.1111/jcmm.70462>

Estimation of diffusion restrictions in cardiomyocytes using kinetic measurements = Difusioonitakistuste hindamine kardiomiotsüütides kasutades kineetilisi mõõtmisi

Sepp, Mervi 2013 https://www.ester.ee/record=b2987727*est

Evaluation of antioxidative capability of the tomato (*Solanum lycopersicum*) skin constituents by capillary electrophoresis and high-performanced liquid chromatography

Helmja, Kati; **Vaher, Merike**; Püssa, Tõnu; Raudsepp, Piret; **Kaljurand, Mihkel** Electrophoresis 2008 / p. 3980-3988 : ill <https://pubmed.ncbi.nlm.nih.gov/18958890/>

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/>

Functional food ingredients : metabolism of fructans by *Bacteroides thetaiotaomicron* and colon microbiota studied by isothermal microcalorimetry

Adamson, Signe; Tomson, Katrin; Vija, Heiki; **Puurand, Marju**; **Adamberg, Kaarel** 2nd Congress of Baltic Microbiologists : Tartu, Estonia, 17-18 October, 2014 2014

A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity

Teder, Tarvi; Boeglin, William E.; Schneider, Claus; Brash, Alan R. Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 706-715 : ill <https://doi.org/10.1016/j.bbalip.2017.03.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast *Rhodotorula toruloides*

Rekena, Alina; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 47-48 https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Glükogeeni ainevahetus ja pentoosfosfaadirada : 11. osa

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 389-428 : ill

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](#)

Influence of intrinsic and extrinsic factors on mitochondrial energy metabolism in the heart = Sisemiste ja välise tegurite mõju südamelihase mitokondriaalsele energiametabolismile

Aid, Jekaterina 2024 <https://doi.org/10.23658/taltech.59/2024> https://www.ester.ee/record=b5703763*est
<https://digikogu.taltech.ee/et/Item/c6a91cf8-7a69-42b2-bec5-18ac0105fad5>

Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice

Adamberg, Kaarel; Vilu, Raivo; Paziienza, Valerio BMC Research Notes 2020 / art. 540 <https://doi.org/10.1186/s13104-020-05384-9>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated transcriptomic, proteomic, and metabolomics analysis reveals peel ripening of harvested banana under natural condition

Yun, Ze; Li, Taotao; Gao, Huijun; Zhu, Hong; **Gupta, Vijai Kumar**; Jiang, Yueming; Duan, Xuewu Biomolecules 2019 / Art. nr. 167
<https://doi.org/10.3390/biom9050167> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrating gene and protein expression data with genome-scale metabolic networks to infer functional pathways

Pey, Jon; **Valgepea, Kaspar**; Rubio, Angel; Beasley, John E; Planes, Francisco Javier BMC Systems Biology 2013 / art. 134
<https://doi.org/10.1186/1752-0509-7-134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kolhoosi ja sovhoositöötajate ainevahetusest

Vagane, Einar; **Saava, Merileid**; **Jegorov, Helju**; Pauts, V. Aktuaalseid meditsiiniprobleeme Võru rajoonis 1977 / lk. 155-159
https://www.ester.ee/record=b1286835*est

31. ptk. Nukleotiidide ainevahetus

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 519-536 : ill

13. ptk. Seedimine: toidu ümbertöötlemine raku biomolekulideks; 14. ptk. Ainevahetus: üldpõhimõtted ja muster; 15. ptk. Glükolüüs; 16. ptk. Glükoneogenees

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 207-286 : ill

Lean-proteome strains - next step in metabolic engineering

Valgepea, Kaspar; **Peebo, Karl**; **Adamberg, Kaarel**; **Vilu, Raivo** Frontiers in bioengineering and biotechnology 2015 / p. 1-4
<https://doi.org/10.3389/fbioe.2015.00011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A line-broadening free real-time 31P pure shift NMR method for phosphometabolomic analysis

Kaup, Karl Kristjan; **Toom, Lauri**; Truu, Laura; **Miller, Sten**; Puurand, Marju; Tepp, Kersti; Käämbre, Tuuli; Reile, Indrek Analyst 2021 / art. 7034, p. 5502–5507 : ill <https://doi.org/10.1039/d1an01198g>

Long-term complications in Estonian galactosemia patients with a less strict lactose-free diet and metabolic control

Krabbi, Külliki; Uudelepp, Mari-Liis; Joost, Kairit; Zordania, Riina; Õunap, Katrin Molecular genetics and metabolism 2011 / p. 249-253 : ill

Läbimurre geeniravis: sünnist saati liikumisvõimetu noormees õpib 27 aastaselt rääkima ja kõndima

Vainküla, Kirsti Eesti Ekspress 2021 / Lk. 20-22 : fot ["Läbimurre geeniravis"](https://dea.digar.ee/publication/eestiekspress) <https://dea.digar.ee/publication/eestiekspress>

Magneesium on eluliselt vajalik: need on parimad allikad, kust seda olulist ainet saada

Pitsi, Tagli ohtuleht.ee 2023 [MAGNEESIUM ON ELULISELT VAJALIK: need on parimad allikad, kust seda olulist ainet saada](#)

Mammalian suppressor-of-fused modulates nuclear cytoplasmic shuttling of GLI1

Kogerman, Priit; Grimm, T.; **Kogerman, Lembi**; Krause, D.; Unden, A.B.; Sandstedt, B.; Toftgard, Rune; Zaphiropoulos, P.G. Nature cell. biol 1999 / p. 312-319 <https://pubmed.ncbi.nlm.nih.gov/10559945/>

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/>

Metabolic flux analysis of compartmentalized systems using dynamic isotopologue modeling = Isotopoloogilise modelleerimise rakendamine heterogeensete bioloogiliste süsteemide ainevahetusvoo analüüsis

Schryer, David 2012 https://www.ester.ee/record=b2776763*est

Metabolic pathways of human microbiota co-utilization of fibres and colonic mucins : [manuscript]

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Cunsheng; Adamberg, Signe; Hansson, Gunnar C.; Adamberg, Kaarel; Arike, Liisa 2023

Metabolic reprogramming accompanying the development of colorectal cancer = Kolorektaalvähi arenguga kaasnev metaboolne ümberprogrammeerimine

Reinsalu, Leenu 2024 https://www.ester.ee/record=b5708354*est <https://digikogu.taltech.ee/et/Item/127398f7-c150-42ac-bf23-f7d3ff34331f>
<https://doi.org/10.23658/taltech.63/2024>

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

Metabolism control in 3D-printed living materials improves fermentation

Butelmann, Tobias; Priks, Hans; Parent, Zoel; Johnston, Trevor G.; Tamm, Tarmo; Nelson, Alshakim; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- ACS Applied Bio Materials 2021 / p. 7195-7203 <https://doi.org/10.1021/acsabm.1c00754> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metabolism of copper and possibilities for its regulation

Palumaa, Peep Proceedings of the Estonian Academy of Sciences 2023 / p. 382-392 <https://doi.org/10.3176/proc.2023.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microcalorimetry of anaerobic digestion

Menert, Anne 2001 https://www.ester.ee/record=b1570004*est

Miks enamik dieete on mõeldud lühiajaliseks katsetamiseks?

Adamberg, Kaarel Oma Maitse 2020 / lk. 59-60 : fot https://www.ester.ee/record=b2069719*est

Mitochondrial interactosome in energy metabolism in healthy and cancer cells

Gonzalez-Granillo, Marcela; Karu-Varikmaa, Minna; Saaremäe, Merle; Michel, Laurianne; Käämbre, Tuuli; Saks, Valdur; Guzun, Rita Biophysical journal 2011 / p. 298a-299a [https://www.cell.com/biophysj/fulltext/S0006-3495\(10\)03332-1](https://www.cell.com/biophysj/fulltext/S0006-3495(10)03332-1)

Mitochondrial respiration in KRAS and BRAF mutated colorectal tumors and polyps

Rebane-Klemm, Egle; Truu, Laura; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Bogovskaja, Jelena; Afanasjev, Vladimir; Suurmaa, Külliki; Valvere, Vahur; Käämbre, Tuuli Cancers 2020 / art. 815
<https://doi.org/10.3390/cancers12040815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modified methods for the determination of Ca in the milk and blood serum in the study of Ca metabolism in man

Viitak, Anu; Lahne, Riina; Hödrejäv, Helvi; Kaljurand, Mihkel; Friedenthal, Margus; Tuulik, Viiu EUROANALYSIS XI : European Conference on Analytical Chemistry : Lissabon, Portugal, September 3-8, 2000 : book of abstracts 2001 / p. 256

Multiagent modelling of a bacterial cell, a DnaA titration model based agent model as an example

Lints, Taivo Proceedings of the Ninth Symposium on Programming Languages and Software Tools : Tartu, Estonia, August 13-14, 2005 2005 / p. 82-96 : ill

Multi-omics approach to study the growth efficiency and amino acid metabolism in Lactococcus lactis at various specific growth rates

Lahtvee, Petri-Jaan; Adamberg, Kaarel; Arike, Liisa; Nahku, Ranno; Aller, Kadri; Vilu, Raivo Microbial cell factories 2011 / Article no. 12 <https://microbialcellfactories.biomedcentral.com/articles/10.1186/1475-2859-10-12>

Oxidative metabolism of arachidonic acid in coral: definition of different cyclooxygenase and lipoxygenase pathways

Varvas, Külliki; Järving, Ivar; Koljak, Reet; Valmsen, Karin; Samel, Nigulas 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 79

Paks või krap?

1997 https://www.ester.ee/record=b1060133*est

Pikaajaliste kutseekspressioonide toksiline toime ainevahetusele

Muzõka, Vladimir; Bogovski, Sergei; Pille, Viive; Viitak, Anu; Veidebaum, Toomas Eesti Arst 2004 / 9, lk. 620
https://artiklid.elnet.ee/record=b1047469*est

Porcine circovirus type 2 replicase binds the capsid protein and an intermediate filament like protein

Timmusk, Sirje; Fossum, Caroline; Berg, Mikael Journal of general virology 2006 / 11, p. 3215-3223 : ill
<https://pubmed.ncbi.nlm.nih.gov/17030855/>

Progress toward improving ethanol production through decreased glycerol generation in *Saccharomyces cerevisiae* by metabolic and genetic engineering approaches

Naghshbandi, Mohammad Pooya; Tabatabaei, Meisam; Aghbashlo, Mortaza; **Gupta, Vijai Kumar**; Sulaiman, Alawi; Karimi, Keikhosro; Moghimi, Hamid; Maleki, Mina Renewable and Sustainable Energy Reviews 2019 / Art. 109353
<https://doi.org/10.1016/j.rser.2019.109353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantitative omics-level analysis of growth rate dependent energy metabolism in *Lactococcus lactis* = Kvantitatiivsetel oomika-meetoditel põhinev kasvuerikiirusest sõltuv *Loctococcus lactis*'e energiametabolismi analüüs

Lahtvee, Petri-Jaan 2012 https://www.ester.ee/record=b2931362*est

Rapid subunit exchange in dimeric lipoprotein lipase and properties of the inactive monomer

Löökene, Aivar; Zhang, L.; Hultin, M.; Olivecrona, G. Journal of biological chemistry 2004 / 48, p. 49964-49972
<https://www.sciencedirect.com/science/article/pii/S0021925820677857>

Rasvhapete ja lipiidide ainevahetus : 12. osa

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 429-483 : ill

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

Role of third intracellular loop of galanin receptor type 1 in signal transduction

Rezaei, K.; Saar, K.; Soomets, U.; **Valkna, Andres**; Nasman, J.; Zorko, M.; Akerman, K.; Schroeder, T.; Bartfai, T.; Langel, Ülo Neuropeptides 2000 / p. 25-31

Smoking cessation only partially reverses cardiac metabolic and structural remodeling in mice

Aid, Jekaterina; Tanjeko, Ajime Tom; Serre, Jef; Eggelbusch, Moritz; Noort, Wendy; de Wit, Gerard M.J.; van Weeghel, Michel; Puurand, Marju; Tepp, Kersti; Gayan-Ramirez, Ghislaine; Degens, Hans; Käämbre, Tuuli; Wüst, Rob C.I. Acta physiologica 2024 / e14166 <https://doi.org/10.1111/apha.14145>

Soluble CD44 interacts with intermediate filament protein vimentin via its hyaluronic acid-binding domain

Pink, Anne; Päll, Taavi; **Kasak, Lagle**; Linno, Anne Mari; Turkina, Marina; Anderson, Wally; **Valkna, Andres**; **Kogerman, Priit** Spetsai Summer School : Protein and their Networks-from specific to global analysis : Spetses, Greece, 7.09.2009-17.09.2009 2009 / ? p
https://www.researchgate.net/publication/51981634_Soluble_CD44_Interacts_with_Intermediate_Filament_Protein_Vimentin_on_Endothelial_Cell_Surface

Specific growth rate dependent transcriptome profiling of *Escherichia coli* K12 MG1655 in accelerostat cultures

Nahku, Ranno; **Valgepea, Kaspar**; **Lahtvee, Petri-Jaan**; **Erm, Sten**; **Abner, Kristo**; **Adamberg, Kaarel**; **Vilu, Raivo** Journal of biotechnology 2010 / 1, p. 60-65 <https://www.sciencedirect.com/science/article/pii/S0168165609004726>

Stoichiometric model of metabolism in the mammalian cell line K562 using 2-14C glucose label

Drews, Monika; **Paalme, Toomas** 14th Meeting ESACT, European Society for Animal Cell Technology "Animal Cell Technology: From Vaccines to Genetic Medicine", Algarve, Portugal, May 20-24, 1996 : programme and abstract book 1996 / Abstr. No. NN-27

Structural and catalytic aspects of the catalase-related fatty acid hydroperoxide lyase = Katalaasilaadse hüdroperoksiidlüaasi struktuursed ja katalüütilised omadused

Teder, Tarvi 2019 <https://digikogu.taltech.ee/et/Item/8a4b253d-68e4-41e5-bcc4-273e9f2fa3d2>

Structure and functioning of copper chaperones

Palumaa, Peep FEBS journal 2013 / p. 151

A study on the nitrogen metabolism in cultured Sf-9 insect cells using 15N-labeled substrates and 1H/15N NMR spectroscopy

Drews, Monika; Doverskog, M.; Öhman, L.; Jakobson, U.; Kuchel, P.; Häggström, L. Animal Cell Technology : New Development - New Applications : abstracts of 15th ESACT Meeting, Val-de-Loire, France, Sept. 7-11, 1997 1997 / p. 8.P9

Tablett on kaalust alla võtjale vaid abivahend : [TTÜ teaduri Tiitu-Maie Lahe kommentaariga]

Männiste, Agnes; **Laht, Tiitu-Maie** Postimees 2005 / 10. märts, lk. 27 <https://www.postimees.ee/1464067/tablett-on-kaalust-alla-votjale-vaid-abivahend>

The permeability of mitochondrial outer membrane and metabolic plasticity in colorectal cancer = Mitokondrite välismembraani läbitavus ja metaboolne plastilisus käärsoolevähis

Truu, Laura 2024 https://www.ester.ee/record=b5679407*est <https://digikogu.taltech.ee/et/Item/1c47ea05-9ec9-4a0b-a7c2-28e8a79afc1e>
<https://doi.org/10.23658/taltech.19/2024>

The study of fructan metabolism by fecal culture in isothermal microcalorimeter

Adamberg, Kaarel; Tomson, Katrin; Visnapuu, Triinu; **Adamberg, Signe** 2014 ENGIHR Conference : The Gut Microbiota Throughout Life : Max Rubner-Institut, Karlsruhe (Germany), 24th-26th September 2014 / [3] p. : ill

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

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

Uudsed mehhanismid lipoproteiinlipaasi aktiivsuse ja stabiilsuse regulatsioonis

Robal, Terje; Lillepruun, Miina; Reimund, Mart; Lõokene, Aivar XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 87

Viigimaa : näen Eestis mehes huvi oma südant hoida!

Heinsalu, Kadi; **Viigimaa, Margus** Äripäev 2019 / Terviseuudised, lk. 12-13

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](#)

Иммунизация растительных клеток. 1, Метод определения метаболической активности свободных и связанных клеток

Arhangel'skaja, Natalja; Abdvahhitova, Alija Характеристика действия биокатализаторов 1988 / с. 21-32

Иммунизация растительных клеток. 2, Сравнительное изучение различных методов иммобилизации

Arhangel'skaja, Natalja Характеристика действия биокатализаторов 1988 / с. 33-41

Лабораторные работы по физиологии питания

1990 https://www.ester.ee/record=b1248881*est

Состояние и взаимосвязи некоторых сторон обмена веществ у населения Эстонской ССР в зависимости от питания

Jegorov, Helju IV Всесоюзный биохимический съезд : тезисы научных сообщений. Т. 2 1979 / с. 205

https://www.ester.ee/record=b3798962*est

Чудо медицины! Неподвижный с рождения молодой человек в 28 лет учится ходить и говорить [Online resource]

Vainküla, Kirsti rus.delfi.ee 2021 "[Чудо медицины! Неподвижный с рождения молодой человек в 28 лет учится ходить и говорить](#)"