A model of swiss-type cheese ripening
Laht, Tiiu-Maie; **Kask, Signe**; **Adamberg, Kaarel**; **Tomson, Katrin**; **Paalme, Toomas**; **Vilu, Raivo** IDF Symposium on Cheese: Ripening, Characterization and Technology : book of abstracts 2004 / p. 75

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

Acidic pH enhances butyrate production from pectin by faecal microbiota
Raba, Grete; **Adamberg, Signe**; **Adamberg, Kaarel** FEMS Microbiology Letters 2021 / art. fnab042 https://doi.org/10.1093/femsle/fnab042

Advanced continuous cultivation methods for systems microbiology
Adamberg, Kaarel; Valgepea, Kaspar; **Vilu, Raivo** Microbiology 2015 / p. 1707-1719 : ill http://dx.doi.org/10.1099/mic.0.000146

Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega
Suurmägi, Kadri postimees.ee 2024 Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega

Anne Velli: kurgid on mu abielu kindel pant!
Kukk, Mari Maaleht 2023 https://dea.digar.ee/article/maaleht/2023/07/27/3.4 Anne Velli oma võluretseptist: kurgid on mu abielu kindel pant!

Antimicrobial activity of genetically and physicologycally characterized Lactobacillus isolated from semi-hard cheeses
Christiansen, P.; Moller, Peter L.; **Kask, Signe**; **Adamberg, Kaarel** IDF Symposium on Cheese: Ripening, Characterization and Technology : book of abstracts 2004 / p. 34

Applications of biotechnology in food engineering
Paalme, Toomas; **Adamberg, Kaarel**; **Eha, Kairit**; **Friedenthal, Margus**; **Järvekülg, Lilian**; **Laos, Katrin**; **Kasemets, Kaja**; **Kann, Aino**; **Kask, Signe**; **Laht, Tiiu-Maie**; **Sirendi, Meelis**; **Tauts, Olev**; **Tedersoo, Erge**; **Täht, Riina**; **Vokk, Raivo** Food and nutrition = Toit ja toitumine 2002 / p. 16-30

Auxo-accelerostat - a new effective cultivation system for culture characterisation
Adamberg, Kaarel; **Kasemets, Kaja**; **Paalme, Toomas** 1st International Congress on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications : 14-18 July, 2003, Tampere : proceedings 2003 / p. 115-125

Auxo-accelerostat - a new effective system for culture characterisation
Adamberg, Kaarel; **Kasemets, Kaja**; **Paalme, Toomas** 1st International Congress on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications : 14-18 July, 2003, Tampere : abstracts 2003 / p. 23

Bakterite imeline maailm; 1. osa
Lelumees, Siiri Kodutohter 2020 / lk. 30-33 : ill http://www.ester.ee/record=b1072381*est

Can isothermal microcalorimetry be used to characterise bacterial growth on prebiotic oligosaccharides?
Adamberg, Signe; **Tomson, Katrin**; Vija, Heiki; Wadström, T.; Ljungh, A.; **Adamberg, Kaarel** The Intestinal Microbiota and Gut Health : Contribution of the Diet, Bacterial Metabolites, Host Interactions and Impact on Health and Disease : IATA (CSIC), Valencia, Spain, 18th-20th September 2013 : conference proceedings, short communications 2013 / p. 15-17 : ill

Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers
Panebianco, Concetta; **Kelman, Edgar**; **Vene, Kristel**; Gioffreda, Domenica; Tavano, Francesca; **Vilu, Raivo**; Terracciano, Fulvia; **Pata, Illar**; **Adamberg, Kaarel**; Andriulli, Angelo; Pazienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill https://doi.org/10.1515/cclm-2016-1158

Carbohydrate fermentation by non-starter lactic acid bacteria isolated from Danish cheese
Adamberg, Kaarel; Antonsson, M.; Ardö, Ylva; Waagner Nielsen, E.; Vogensen, Finn K. Future food - ascientific perspective abstract collection. LMC kongress at DTU, January 16-17, 2002, Denmark 2002 / p. 27

Carbohydrate fermentation by non-starter lactic acid bacteria isolated from Danish cheese
Adamberg, Kaarel; Antonsson, M.; Ardö, Ylva; Waagner Nielsen, E.; Vogensen, Finn K. Food and nutrition = Toit ja toitumine 2002 / p. 104-105

Characterisation of Lactobacillus paracasei and L. curvatus isolated from Estonia cheeses
Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** 7th Symposium on Lactic Acid Bacteria - Genetics, Metabolism and Applications, Egmond aan Zee, The Netherlands, 1-5 September, 2002 : book of abstracts 2002

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 mikrobioota 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

Comparison and applications of label-free absolute proteome quantification methods on Escherichia coli
Arike, Liisa; **Valgepea, Kaspar**; Peil, Lauri; **Nahku, Ranno**; **Adamberg, Kaarel**; **Vilu, Raivo** Journal of proteomics 2012 / p. 5437-5448 : ill https://pubmed.ncbi.nlm.nih.gov/22771841/

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans
Adamberg, Kaarel; **Adamberg, Signe**; Ernits, Karin Anaerobe 2018 / p. 100-110 : ill https://doi.org/10.1016/j.anaerobe.2018.06.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The composition of faecal microbiota is related to the amount and variety of dietary fibres
Adamberg, Kaarel; **Jaagura, Madis**; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** International Journal of Food Sciences and Nutrition 2020 / p. 845-855 : ill https://doi.org/10.1080/09637486.2020.1727864 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Consumption of multi-fiber enriched yogurt increased the levels of Catenibacterium mitsuokai and Parabacteroides distasonis
Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene Pharmadvances 2022 / p. 59 http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf

Consumption of multi-fiber enriched yogurt is associated with increase of Bifidobacterium animalis and butyrate producing bacteria in human fecal microbiota
Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene Journal of Functional Foods 2022 / Art. nr. 104899 https://doi.org/10.1016/j.jff.2021.104899 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Coordinated activation of PTA-ACS and TCA cycles strongly reduces overflow metabolism of acetate in Escherichia coli
Peebo, Karl; **Valgepea, Kaspar**; **Nahku, Ranno**; **Riis, Gethe**; **Õun, Mikk**; **Adamberg, Kaarel**; **Vilu, Raivo** Applied microbiology and biotechnology 2014 / p. 5131-5143 : ill

Decrease of energy spilling in Escherichia coli continuous cultures with rising specific growth rate and carbon wasting
Valgepea, Kaspar; **Adamberg, Kaarel**; **Vilu, Raivo** BMC systems biology 2011 / p. 106 https://pubmed.ncbi.nlm.nih.gov/21726468/

Degradation of fructans and production of propionic acid by Bacteroides thetaiotaomicron are enhanced by the shortage of amino acids
Adamberg, Signe; **Tomson, Katrin**; Vija, Heiki; **Puurand, Marju**; Kabanova, Natalja; Visnapuu, Triinu; Jõgi, Eerik; Alamäe, Tiina; **Adamberg, Kaarel** Frontiers in nutrition 2014 / p. 1-9 : ill

Development and applications of chemically defined media for lactic acid bacteria = Defineeritud koostisega söötmete arendamine ja kasutusalad piimhappebakteritele
Aller, Kadri 2016 http://www.ester.ee/record=b4567664*est

Development of safe and effective bacteriophage-mediated therapies against C. difficile infections – a proof-of-concept preclinical study
Rasmussen, Torben Sølbeck; Forster, Sarah; Larsen, Sabina Birgitte; Münchow, Alexandra von; Tranæs, Kaare Dyekæ; Brunse, Anders; Castro Meija, Josue Leonardo; **Adamberg, Signe**; Hansen, Axel Kornerup; **Adamberg, Kaarel** bioRxiv 2023 / 28 p. : ill https://doi.org/10.1101/2023.03.17.532897 https://www.biorxiv.org/content/biorxiv/early/2023/03/17/2023.03.17.532897.full.pdf

D-stat
Nisamedtinov, Ildar; **Adamberg, Kaarel**; **Paalme, Toomas** 1st International Congress on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications : 14-18 July, 2003, Tampere : proceedings 2003 / p. 231-242

D-stat
Nisamedtinov, Ildar; **Adamberg, Kaarel**; **Paalme, Toomas** 1st International Congress on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications : 14-18 July, 2003, Tampere : abstracts 2003 / p. 45

Dynamic single fermenter model for study of survival and growth of probiotics in human upper gastrointestinal tract
Sumeri, Ingrid; Arike, Liisa; **Adamberg, Signe**; **Adamberg, Kaarel**; Liidemann, G.; Stekolštšikova, Jelena; **Laht, Tiiu-Maie**; **Paalme, Toomas** Book of abstracts : Gut Microbiology : Research to Improve Health, Immune Response and Nutrition : Aberdeen,

Scotland, 21-23 June 2006 2006 / ? p

A dynamic single fermenter model of human upper gastrointestinal tract for study of probiotics
Sumeri, Ingrid; Arike, Liisa; **Adamberg, Signe**; **Adamberg, Kaarel**; **Laht, Tiiu-Maie**; **Paalme, Toomas** Proceedings of European Conference on Probiotics and their Applications : EUPROBIO 2005 : October 6-8, Krakow 2005 / p. 32

Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem [Võrguväljaanne]
Adamberg, Kaarel novaator.err.ee 2020 / fot Eesti inimesed tarvitavad kiudaineid soovitatust sageli vähem

Eesti teadlased : inimene saab oma soolebaktereid otseselt mõjutada [Võrguväljaanne]
Adamberg, Kaarel; **Adamberg, Signe** heureka.postimees.ee 2019 / fot Eesti teadlased: inimene saab oma soolebaktereid otseselt mõjutada https://doi.org/10.1080/16512235.2018.1549922

Eestlaste menüüs napib kiudaineid
Imeline Teadus 2020 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Eestlaste toidulaud on kiudainevaene
Eesti Elu : [Kanada ajaleht] 2020 / lk. 7

Effect of stress pretreatment on survival of probiotic bacteria in gastrointestinal tract simulator
Sumeri, Ingrid; **Arike, Liisa**; Stekolštšikova, Jelena; Uusna, Riin; **Adamberg, Signe**; **Adamberg, Kaarel**; **Paalme, Toomas** Applied microbiology and biotechnology 2010 / 6, p. 1925-1931 : ill

Engineered resistant-starch (ERS) diet shapes colon microbiota profile in parallel with the retardation of tumor growth in In Vitro and In Vivo pancreatic cancer models
Panebianco, Concetta; **Adamberg, Kaarel**; **Adamberg, Signe**; **Jaagura, Madis**; **Kolk, Kaia**; **Vilu, Raivo** Nutrients 2017 / art. 331, p. 1-16 : ill https://doi.org/10.3390/nu9040331

Enzymatic synthesis and ways of further treatment of fructooligosaccharides and polymeric levan for prebiotic efficiency studies
Mardo, Karin; Visnapuu, Triinu; Aasamets, Anneli; Viigand, Katrin; Bondarenko, Olesja; Vija, Heiki; **Adamberg, Kaarel**; **Adamberg, Signe**; Alamäe, Tiina New biotechnology 2016 / p. S122-S123 https://doi.org/10.1016/j.nbt.2016.06.1148

Escherichia coli achieves faster growth by increasing catalytic and translation rates of proteins
Valgepea, Kaspar; **Adamberg, Kaarel**; Seiman, Andrus; **Vilu, Raivo** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

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

Excess of threonine compared with serine promotes threonine aldolase activity in Lactococcus lactis IL1403
Aller, Kadri; **Adamberg, Kaarel**; Reile, Indrek; **Timarova, Veronica**; **Peebo, Karl**; **Vilu, Raivo** Microbiology 2015 / p. 1073-1080 : ill http://dx.doi.org/10.1099/mic.0.000071

Fermentation of carbohydrates from cheese sources by non-starter lactic acid bacteria isolated from semi-hard Danish cheese
Adamberg, Kaarel; Antonsson, M.; **Kask, Signe** IDF Symposium on Cheese: Ripening, Characterization and Technology : book of abstracts 2004 / p. 33

Fermentation of carbohydrates from cheese sources by non-starter lactic acid bacteria isolated from semi-hard Danish cheese
Adamberg, Kaarel; Antonsson, M.; Vogensen, Finn K.; Nielsen, E.W.; **Kask, Signe**; Moller, Peter L.; Ardö, Ylva International dairy journal 2005 / 6/9, p. 873-882

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

Growth characteristics of non-starter lactic acid bacteria from cheese
Adamberg, Kaarel 2004 http://www.ester.ee/record=b1989773*est

Hea teada! Bio- ja toiduainetetehnoloog Kaarel Adamberg põhjendab ära, miks enamik dieete on mõeldud lühiajaliseks katsetamiseks [Võrguväljaanne]
Adamberg, Kaarel omamaitse.delfi.ee 2020 Hea teada!

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/

Increased biomass yield of Lactococcus lactis by reduced overconsumption of amino acids and increased catalytic activities of enzymes
Adamberg, Kaarel; **Seiman, Andrus**; **Vilu, Raivo** PLoS ONE 2012 / p. e48223

Influence of gemcitabine chemotherapy on the microbiota of pancreatic cancer xenografted mice
Panebianco, Concetta; **Adamberg, Kaarel**; **Jaagura, Madis**; **Adamberg, Signe**; **Kolk, Kaia**; **Vilu, Raivo**; Andriulli, Angelo; Pazienza, Valerio Cancer chemotherapy and pharmacology 2018 / p. 773–782 : ill https://doi.org/10.1007/s00280-018-3549-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of glucose on the kinetics of whey protein hydrolysis by trypsin and effect of whey protein hydrolysis products on the growth of bacteria
Adamberg, Kaarel; Kostyra, H.; Swiatecki, A. Food and nutrition = Toit ja toitumine 2003 / p. 21-33 : ill

Influence of 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

Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice
Adamberg, Kaarel; **Vilu, Raivo**; Pazienza, 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

Ise vaaritatud marjamoos hellitab tervist
Kivipõld, Karin; **Adamberg, Signe**; **Adamberg, Kaarel** Postimees 2017 / lk. 26-27

Isothermal microcalorimetry as an innovative in vitro approach for assessing the effect of food fibres on human gut microbiome
Part, Natalja; Viiard, Ene; **Jaagura, Madis**; **Adamberg, Signe**; **Adamberg, Kaarel** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 221 http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf

Juustu juhusliku mikrofloora piimhappebakterite kasvu uurimine süsivesikutevaeses keskkonnas
Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 17-18

Kas minu jõulusöök on liiga rammus? Vaata kaloritabelit
Adamberg, Signe; **Adamberg, Kaarel** postimees.ee 2022 / Lk. 21 Kas minu jõulusöök on liiga rammus? Vaata kaloritabelit https://dea.digar.ee/article/postimees/2022/12/23/20.2

Kas vajame toiduvärve?
Adamberg, Kaarel Eesti Loodus 2023 / lk. 18-20 : fot http://www.ester.ee/record=b1072059*est

Kogu tõde seedimisest. Tulevik on juba käes ehk kuula, miks on meile peagi vaja fekaalidoonoreid? : Oma Maitse podcasti Toidujutud
Kirikal, Siiri; Teder, Teele omamaitse.delfi.ee 2023 Kogu tõde seedimisest

Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele
Adamberg, Signe; **Pitsi, Tagli**; **Vene, Kristel**; **Adamberg, Kaarel** Sõjateadlane = Estonian journal of military studies 2023 / lk. 147-173 : ill Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele https://www.ester.ee/record=b4555087*est

Kõhubakterite kuningriik - tervise tagala
Adamberg, Kaarel Postimees 2021 / Lk. 2 https://www.ester.ee/record=b1072778*est

Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid kõhubaktereid?
Adamberg, Kaarel tervispluss.delfi.ee 2024 Kõhutervise audit. Häid kõhubaktereid toKuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid kõhubaktereid?

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 http://dx.doi.org/10.3389/fbioe.2015.00011

Levan enhances associated growth of Bacteroides, Escherichia, Streptococcus and Faecalibacterium in fecal microbiota
Adamberg, Kaarel; Tomson, Katrin; Talve, Tiina; Pudova, Ksenia; **Puurand, Marju**; Visnapuu, Triinu; Alamäe, Tiina; **Adamberg, Signe** PLoS ONE 2015 / p. 1-18 : ill http://dx.doi.org/10.1371/journal.pone.0144042

Low-carbohydrate high-fat weight reduction diet induces changes in human gut microbiota
Jaagura, Madis; Viiard, Ene; Karu-Lavits, Kärtin; **Adamberg, Kaarel** MicrobiologyOpen 2021 / art. e1194 https://doi.org/10.1002/mbo3.1194 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lugeja küsib: mida süüa, et matkapäev vastu pidada?
Adamberg, Kaarel; **Adamberg, Signe** novaator.err.ee 2023 Lugeja küsib: mida süüa, et matkapäev vastu pidada?

Media development experiments for lactic acid bacteria : stressful, yet useful
Aller, Kadri; **Adamberg, Kaarel**; **Timarova, Veronica**; **Vilu, Raivo** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

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 peculiarities of lactic acid bacteria enabling their growth in cheese
Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** Proceedings & abstracts of the 18th International ICFMH Symposium "Food Micro 2002", Lillehammer, Norway, 18-23 August, 2002 2002 / p. 178

Microbiome of root vegetables - a source of gluten degrading bacteria
Kõiv, Viia; **Adamberg, Kaarel**; Adamberg, Signe; **Tenson, Tanel** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 33 https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Microbiome of root vegetables - a source of gluten-degrading bacteria
Kõiv, Viia; **Adamberg, Kaarel**; **Adamberg, Signe**; Sumeri, Ingrid; Kasvandik, Sergo; Kisand, Veljo; Maiväli, Ülo; Tenson, Tanel Applied microbiology and biotechnology 2020 / p. 8871-8885 : ill https://doi.org/10.1007/s00253-020-10852-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microcalorimetric study of the growth of Streptococcus thermophilus in renneted milk
Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; **Adamberg, Kaarel**; **Laht, Tiiu-Maie**; **Vilu, Raivo** Frontiers in microbiology 2015 / p. 1-13 : ill http://dx.doi.org/10.3389/fmicb.2015.00079

Mida matkal süüa ja juua ning mida vältida
Adamberg, Kaarel; **Adamberg, Signe** virtuaalkliinik.ee 2023 Mida matkal süüa ja juua ning mida vältida

Mida me õigupoolest ostame ja kas seda peaks üldse sööma?
Kivi, Eva-Lotta Maaleht 2020 / lk. 14-16 : portr https://maaleht.delfi.ee/uudised/suur-torditest-millist-torti-tasub-osta-ja-milline-on-targem-jatta-poeriiulile?id=89093859 https://www.ester.ee/record=b1072541*est

Miks enamik dieete on mõeldud lühiajaliseks katsetamiseks?
Adamberg, Kaarel Oma Maitse 2020 / lk. 59-60 : fot https://www.ester.ee/record=b2069719*est

Miks on vaja toita mikroorganisme meie kõhus?
Käärt, Ulvar Horisont 2017 / lk. 42-44 : fot http://www.ester.ee/record=b1072243*est

Miks süüa kama?
Adamberg, Kaarel Postimees 2024 / p. 24-25 https://dea.digar.ee/article/postimees/2024/02/23/31.2

Mina, superorganism : lugu bakterite ja inimese kooselust : näituse kataloog = Я, суперорганизм! : история о сожительстве бактерии и человека : каталог выставки = Me, superorganism! : tale about the untold story of bacteria : exhibition catalogue
2019 https://www.ester.ee/record=b5255688*est

Mis on see mõnus suvetoit, millega teadlased ei soovita liialdada?
postimees.ee 2023 Mis on see mõnus suvetoit, millega teadlased ei soovita liialdada?

Modification of A-stat for the characterization of microorganisms

Kasemets, Kaja; **Drews, Monika**; **Nisamedtinov, Ildar**; **Adamberg, Kaarel**; **Paalme, Toomas** Journal of microbiological methods 2003 / p. 187-200 : 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

Multiplying steady-state culture in multi-reactor system
Erm, Sten; **Adamberg, Kaarel**; **Vilu, Raivo** Bioprocess and biosystems engineering 2014 / p. 2361-2370 : ill

Mürk ei ole, kuid turvaline ka mitte. TalTechi teaduri hinnangul võiks aspartaami tarbimist võimaluse korral vältida
Kaaver, Krista arileht.delfi.ee 2023 Mürk ei ole, kuid turvaline ka mitte. TalTechi teaduri hinnangul võiks aspartaami tarbimist võimaluse korral vältida

Nutritional requirements and media development for Lactococcus lactis IL1403
Aller, Kadri; **Adamberg, Kaarel**; **Timarova, Veronica**; Seiman, Andrus; **Feštšenko, Darja**; **Vilu, Raivo** Applied microbiology and biotechnology 2014 / p. 5871-5881 : ill

Physiological properties of Lactobacillus paracasei, L.danicus and L.curvatus strains isolated from Estonian semi-hard cheese
Kask, Signe; **Adamberg, Kaarel**; Orlowski, Andrzej; Vogensen, Finn K.; Moller, Peter L.; Ardö, Ylva; **Paalme, Toomas** Food research international 2003 / 9/10, p. 1037-1046

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

Proteome reallocation in Escherichia coli with increasing specific growth rate
Peebo, Karl; Valgepea, Kaspar; **Maser, Andres**; Nahku, Ranno; **Adamberg, Kaarel**; **Vilu, Raivo** Molecular biosystems 2015 / p. 1184-1193 : ill http://dx.doi.org/10.1039/c4mb00721b

Püsi aasta ringi rannavormis!
Adamberg, Signe; **Adamberg, Kaarel** Tervis : teemaleht : [ajalehe Õhtuleht lisa] 2023 / Lk. 8-9
https://dea.digar.ee/article/oltervis/2023/09/05/18

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

Quantitative proteomics of Escherichia coli : from relative to absolute scale = Kvantitatiivne Escherichia coli proteoomika : relatiivsetest numbritest absoluutsete kogusteni
Arike, Liisa 2012 http://www.ester.ee/record=b2931221*est

Quasi steady state growth of Lactococcus lactis in glucose-limited acceleration stat (A-stat) cultures
Adamberg, Kaarel; **Lahtvee, Petri-Jaan**; **Valgepea, Kaspar**; **Abner, Kristo**; **Vilu, Raivo** Antonie van Leeuwenhoek 2009 / 3, p. 219-226 https://pubmed.ncbi.nlm.nih.gov/19184516/

Reproducible chemostat cultures to eliminate eukaryotic viruses from fecal transplant material
Adamberg, Signe; Rasmussen, T.; Larsen, S. B.; Mao, X.; Nielsen, D. S.; **Adamberg, Kaarel** bioRxiv 2023 / 21 p
https://doi.org/10.1101/2023.03.15.529189

A reproducible enteric phage community improves blood glucose regulation in an obesity mouse model
Mao, Xiaotian; Larsen, Sabina Birgitte; Zachariassen, Sidsel Fisker; **Adamberg, Signe**; **Adamberg, Kaarel** bioRxiv 2023 / 27 p
https://doi.org/10.1101/2023.03.20.532903 https://www.biorxiv.org/content/biorxiv/early/2023/03/20/2023.03.20.532903.full.pdf

Role of arginine in the development of secondary microflora in Swiss-type cheese
Laht, Tiiu-Maie; **Kask, Signe**; Elias, P.; **Adamberg, Kaarel**; **Paalme, Toomas** International dairy journal 2002 / p. 831-840 : ill

Seedimiskiirus mõjutab inimese soolebaktereid
Adamberg, Signe; **Adamberg, Kaarel** Äripäev 2019 / Terviseuudised, lk. 7

Selection of fast and slow growing bacteria from fecal microbiota using continuous culture with changing dilution rate
Adamberg, Kaarel; **Adamberg, Signe** Microbial ecology in health and disease 2018 / art. 1549922, [12] p. : ill
https://doi.org/10.1080/16512235.2018.1549922 Eesti teadlased: inimene saab oma soolebaktereid otseselt mõjutada Mida kauem on toit soolestikus, seda rohkem tekib seal "aeglasi" baktereid

Single bioreactor gastrointestinal tract simulator for study of survival of probiotic bacteria
Sumeri, Ingrid; **Arike, Liisa**; **Adamberg, Kaarel**; **Paalme, Toomas** Applied microbiology and biotechnology 2008 / 2, p. 317-324

Single-cell model of prokaryotic cell cycle
Abner, Kristo; **Aaviksaar, Tõnis**; **Adamberg, Kaarel**; **Vilu, Raivo** Journal of theoretical biology 2014 / p. 78-87 : ill

Specific growth rate dependent transcriptiome 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

Specific selection of microbial consortia by continuous cultivation for future probiotics
Adamberg, Kaarel; **Raba, Grete**; **Adamberg, Signe** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 16

Steady state growth space study of Lactococcus lactis in D-stat cultures
Lahtvee, Petri-Jaan; **Valgepea, Kaspar**; **Nahku, Ranno**; **Abner, Kristo**; **Adamberg, Kaarel**; **Vilu, Raivo** Antonie van Leeuwenhoek 2009 / 4, p. 487-496

Stock culture heterogeneity rather than new mutational variation complicates short-term cell physiology studies of Escherichia coli K-12 MG1655 in continuous culture
Nahku, Ranno; **Peebo, Karl**; **Valgepea, Kaspar**; Barrick, Jeffrey E.; **Adamberg, Kaarel**; **Vilu, Raivo** Microbiology 2011 / p. 2604-2610

Study of Cells in the Steady‐State Growth Space : chapter 9
Erm, Sten; **Abner, Kristo**; **Seiman, Andrus**; **Adamberg, Kaarel**; **Vilu, Raivo** Continuous biomanufacturing ‐ innovative technologies and methods : innovative technologies and methods 2017 / p. 233-258 https://doi.org/10.1002/9783527699902.ch9

Study of cheese associated lactic acid bacteria under carbohydrate-limited conditions using D-stat cultivation
Adamberg, Kaarel; **Adamberg, Signe**; **Laht, Tiiu-Maie**; Ardö, Ylva; **Paalme, Toomas** Food biotechnology 2006 / 2, p. 143-160 : ill

Survival and synergistic growth of mixed cultures of bifidobacteria and lactobacilli combined with prebiotic oligosaccharides in a gastrointestinal tract simulator
Adamberg, Signe; Sumeri, Ingrid; Uusna, Riin; **Adamberg, Kaarel** Microbial ecology in health and disease 2014 / p. 1-9 : ill

SÖÖ KAALUSÕBRALIKULT! Eesti toiduteadlased annavad 19 soovitust, kuidas püsida kogu aasta rannavormis
Maasikamäe, Sirje ohtuleht.ee 2023 SÖÖ KAALUSÕBRALIKULT! Eesti toiduteadlased annavad 19 soovitust, kuidas püsida kogu aasta rannavormis

Synthesis of raffinose-derived potential prebiotics by bacterial levansucrase and their effects on composition and metabolism of fecal microbiota of normal - and overweight children
Visnapuu, Triinu; Ernits, Karin; **Adamberg, Signe**; **Jaagura, Madis**; Larionova, Anneli; Voor, Tiia; **Adamberg, Kaarel**; Alamäe, Tiina Acta biochimica Polonica 4th Congress of Baltic Microbiologists : 10–12th September 2018, Gdańsk, Poland : book of abstracts 2018 / p. 7-11 http://www.actabp.pl/#Archiwum?./supl/1_2018.html http://www.actabp.pl/pdf/Supl1_18/SessionI.pdf

Systems biology approach reveals that overflow metabolism of acetate in Escheria coli is triggered by carbon catabolite repression of acetyl-CoA synthetase
Valgepea, Kaspar; **Adamberg, Kaarel**; Nahku, Ranno; Lahtvee, Petri-Jaan; Arike, Liisa; **Vilu, Raivo** BMC systems biology 2010 / p. 166

Tervis algab korras kõhust
Vikat, Marilin; **Adamberg, Kaarel** Postimees 2018 / lk. 24 Kesise toidulaua korral põhjustavad soolebakterid tõsiseid haigusi

Tervislikult süüa nagu 100 aastat tagasi
Jõesaar, Tuuli Tervis Pluss 2020 / lk. 82-85 : fot https://www.ester.ee/record=b1453514*est

The composition and metabolism of faecal microbiota is specifically modulated by different dietary polysaccharides and mucin : an isothermal microcalorimetry study
Adamberg, Kaarel; **Kolk, Kaia**; **Jaagura, Madis**; **Vilu, Raivo**; **Adamberg, Signe** Beneficial microbes 2018 / p. 21-34 : ill https://doi.org/10.3920/BM2016.0198 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The composition of faecal microbiota is related to the amount and variety of dietary fibres
Adamberg, Kaarel; **Jaagura, Madis**; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 17

The effect of change of temperature and pH on the growth of lactic acid bacteria.pH auxostat. Study

Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** Proceedings & abstracts of the 18th International ICFMH Symposium "Food Micro 2002", Lillehammer, Norway, 18-23 August, 2002 2002 / p. 179

The effect of change of temperature and pH on the growth of lactic acid bacteria.pH auxostat. Study
Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** 7th Symposium on Lactic Acid Bacteria - Genetics, Metabolism and Applications, Egmond aan Zee, The Netherlands, 1-5 September, 2002 : book of abstracts 2002

The Effect of Diet and Dietary Fiber on the Human Gut Microbiota in vitro and in vivo = Toitumise ja kiudainete mõju inimese seedetrakti mikrobiootale in vitro ja in vivo
Jaagura, Madis 2021 https://www.ester.ee/record=b5468551*est https://digikogu.taltech.ee/et/Item/36a9b389-2501-4e64-a9d2-681d54cbea52 https://doi.org/10.23658/taltech.50/2021

The effect of temperature and pH on the growth of lactic acid bacteria : a pH-auxostat study
Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiiu-Maie**; **Paalme, Toomas** International journal of food microbiology 2003 / p. 171-183 : ill

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

Toiduteadlaste köielkõnd
Arndt-Kalju, Margit Oma Maitse 2021 / lk. 61-63 : fot Toiduteadlaste ... https://www.ester.ee/record=b2069719*est

Toiduteadur: poes käies mõtle ka sellele, mida headele bakteritele süüa osta
Gil, Kaia postimees.ee 2023 Toiduteadur: poes käies mõtle ka sellele, mida headele bakteritele süüa osta

TTÜ teadlaste uuring aitab mõista kiudainete ja soolebakterite ringmängu [Võrguväljaanne]
Adamberg, Kaarel novaator.err.ee 2020 / fot TTÜ teadlaste uuring aitab mõista kiudainete ja soolebakterite ringmängu

UPLC/MS based method for quantitative determination of fatty acid composition in Gram-negative and Gram-positive bacteria
Špitsmeister, Merli; **Adamberg, Kaarel**; **Vilu, Raivo** Journal of microbiological methods 2010 / p. 288-295

Use of changestat for growth rate studies of gut microbiota
Adamberg, Kaarel; **Raba, Grete**; **Adamberg, Signe** Frontiers in bioengineering and biotechnology 2020 / art. 24, 12 p. : ill https://doi.org/10.3389/fbioe.2020.00024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Use of mother-daughter multi-bioreactor systems for studies of steady state microbial growth space = Ema-tütre multi-reaktorite süsteemide kasutamine mikroorganismide püsiseisundis kasvuruumi uurimisel
Erm, Sten 2017 https://digi.lib.ttu.ee/i/?7630&

Uued kiudainetega rikastatud Hi!Fiber jogurtid sündisid koostöös teadlastega
Oma Maitse 2021 / lk. 43 : fot https://www.ester.ee/record=b2069719*est

Uuring: kaitseväelaste toit on tasemel, tervislikkuse osas on arenguruumi [Võrguväljaanne]
Adamberg, Signe; **Pitsi, Tagli**; **Vene, Kristel**; **Adamberg, Kaarel** novaator.err.ee 2022 "Uuring: kaitseväelaste toit on tasemel, tervislikkuse osas on arenguruumi "

Validation of critical factors for the quantitative characterization of bacterial physiology in accelerostat cultures = Kriitiliste faktorite valideerimine bakterite füsioloogia uurimiseks akselerostaatsetes kultiveerimiseksperimentides
Nahku, Ranno 2012

Yogurt enriched with fibers and probiotic bacteria increased the abundance of bifidobacterium animalis subsp. Lactis bb12 in human gut microbiome
Viiard, Ene; Jaagura, Madis; Part, Natalja; Kazantseva, Jekaterina; **Adamberg, Kaarel** Pharmadvances 2022 / p. 19-20 https://doi.org/10.36118/pharmadvances.2022.23