

A new approach for optimization of processes of microbiological synthesis

Vilu, Raivo Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 27

A study on growth characteristics and nutrient consumption of *Lactobacillus plantarum* in A-stat culture

Kask, Signe; Laht, Tiit-Maie; **Paalme, Toomas** Antonie van Leeuwenhoek journal of microbiology 1999 / p. 309-320

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

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](#)

Antimicrobial activity of genetically and physiologically characterized *Lactobacillus* isolated from semi-hard cheeses

Christiansen, P.; Møller, Peter L.; **Kask, Signe**; **Adamberg, Kaarel** IDF Symposium on Cheese: Ripening, Characterization and Technology : book of abstracts 2004 / p. 34

Antimicrobial effects of rowan berries (*Sorbus aucuparia* L.) in baked products

Kann, Aino; **Täht, Riina** Microbiological Safety of Food : joint conference organized by Society for Applied Microbiology (UK), World Health Organization and Estonian Society for Microbiology : 10-11 May 2000, Tartu, Estonia 2000 / I. 57

Application of L-lysine concentrate for the control of microbiological process activity in the soil

Bekers, M.; Ruklisha, M.; Zelca, V.; Laukevics, J.; Apsite, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 7

Assessment of spoilage microbial communities in modified atmosphere-packed ready-to-eat salad during cold storage : A comparative study using MALDI-TOF MS identification and PacBio full-length 16S rRNA and ITS sequencing

Asadi, Atefeh; **Angerjas, Anna**; **Paalme, Viit**; **Huseynli, Lachinkhanim**; **Sarand, Inga** International Journal of Food Microbiology 2025 / art. 111268 <https://doi.org/10.1016/j.ijfoodmicro.2025.111268>

Biokeemilise tehnoloogia arenguperspektiiv

Köstner, Ado 1979 https://www.ester.ee/record=b1289683*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

Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women

Drell, Tiina; **Lillsaar, Triin**; **Tummleht, Lea**; **Simm, Jaak**; **Aaspõllu, Anu**; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379> <https://doi.org/10.1371/journal.pone.0054379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Viirard, 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](#)

Correlation between sensory, chemical and microbiological characteristics of a milk dessert during prolonged storage

Menert, Anne 5th Wartburg Aroma Symposium : Flavour Perception, Aroma Evaluation : abstracts : Eisenach, 17-20 March 1997 1997 / p. 55

Correlation between sensory, chemical and microbiological characteristics of a milk dessert during prolonged storage

Menert, Anne Flavour Perception Aroma Evaluation : proceedings of the 5th Wartburg Aroma Symposium, Eisenach, March 17-20, 1997 1997 / p. 509-514: ill

Diverse and distinct bacterial community involved in a full-scale A/O1/H/O2 combination of bioreactors with simultaneous decarbonation and denitrogenation of coking wastewater

Zhu, Shuang; Deng, Jinsi; Jin, Xiaobao; Wu, Haizhen; Wei, Cong; Qiu, Guanglei; **Preis, Sergei**; Wei, Chaohai Environmental science and pollution research 2023 / p. 2103-2117 <https://doi.org/10.1007/s11356-022-22103-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effectiveness of different additives on minced flesh fish fingers physical, microbiological and rheological properties

Timberg, Loreida Food and nutrition = Toit ja toitumine 2005 / p. 36

Effect of inoculation of a TOL plasmid containing mycorrhizosphere bacterium on development of Scots pine seedlings, their mycorrhizosphere and the microbial flora in m-toluato-amended soil

Sarand, Inga; Haario, Heikki; Ergensen, K.; Romantschuk, M. FEMS microbiology ecology 2000 / p. 127-141

Exploring the resilience and stability of a defined human gut microbiota consortium : an isothermal microcalorimetric study

Kattel, Anna; Aro, Valter; Lahtvee, Petri-Jaan; Kazantseva, Jekaterina; Jöers, Arvi; Nahku, Ranno; Belouah, Isma MicrobiologyOpen 2024 / art. e1430 <https://doi.org/10.1002/mbo3.1430> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GDNF recruits the signaling crew into lipid rafts

Saarma, Mart Trends in neurosciences 2001 / p. 427-429 https://artiklid.elnet.ee/record=b2321092*est

HPLC analysis of chromophoric dissolved organic matter in Antarctic soil core : comparison with microbiology data

Lepane, Viia; Künnis-Beres, Kai; **Gorohhova, Jekaterina; Kaup, Enn** Soil Interfaces in a Changing World : 6th ISMOM : International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms : 26th June – 1st July 2011 Montpellier, France : book of abstracts 2011 / p. 88 <https://kirjandus.geoloogia.info/en/reference/24217>

Implementation of safety systems in the food area in Estonia

Vokk, Raivo Microbiological Safety of Food : joint conference organized by Society for Applied Microbiology (UK), World Health Organization and Estonian Society for Microbiology : 10-11 May 2000, Tartu, Estonia 2000 / I. 8-10

Introductory chapter : why do we need rapid detection of pathogens?

Kivirand, Kairi; Rinken, Toonika Biosensing technologies for the detection of pathogens - a prospective way for rapid analysis 2018 / 4 p <https://doi.org/10.5772/intechopen.74670>

Kaks teaduskonverentsi

Mägi, Vahur Tehnika ja Tootmine 1978 / lk. 80 https://www.ester.ee/record=b1073047*est

Keskkonnaseisundi kompleksne hindamine keemiliste, toksikoloogiliste ja mikrobioloogiliste parameetrite alusel

Kahru, Anne; Põllumaa, Lee; **Maloverjan, Alla; Ivask, Angela;** Trapido, Marina XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 45-46

Kirde-Eesti fenoolide sisaldavate heitmete mikrobioloogilise lagundamise võimalustest

Randla, Tiina; Rožkov, Aleksei; Käär, Arvo; Vilu, Raivo XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 123-125

Low-carbohydrate high-fat weight reduction diet induces changes in human gut microbiota

Jaagura, Madis; Viirard, 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](#)

Metabolic Characterization and Composition Control of Next Generation Probiotic Consortia = Uue põlvkonna probiootiliste koosluste koostise kontroll ja metaboolne iseloomustus

Kattel, Anna 2025 https://www.ester.ee/record=b5757724*est <https://digikogu.taltech.ee/et/Item/941c22f1-d30b-4f28-97fd-feafc2b2ebec> <https://doi.org/10.23658/taltech.62/2025>

Microbial engineering biotechnologies : editorial

Singh, Brahma N.; Raghubanshi, Akhilesh S.; Koffas, Mattheos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107399, 4 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.05.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial Engineering Biotechnologies

Biotechnology Advances Special Issues, Vol. 37, 6

2019 <https://www.sciencedirect.com/journal/biotechnology-advances/vol/37/issue/6>

Microbial loop annual variability through the water column gradients in the middle of the Gulf of Finland

Künnis-Beres, Kai The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 117 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Microbial synthesis in Latvia

Beker, M. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 13

Microbiological quality of raw milk produced in Estonia

Stulova, Irina; Adamberg, Signe; Kriščiunaite, Tiina; Kampura, Merle; Blank, Liisi; Laht, Tiit-Maie Letters in applied

Microbiological risk assessment and preventative actions in bakery and beverage industries in Estonia, Slovenia and Turkey

Bas, Duygu; **Ehaval, Helen; Veskus, Tiina** Risk assessment of microbial problems and preventative actions in food industry 2008 / p. 149-166

A microbiological test for nutritive value

Veskus, Tiina; Vokk, Raivo Kemia-kemi = [Finnish chemistry] 1991 / p. 949 https://www.ester.ee/record=b1201067*est

Mikrobioloogia : laboratoorse tööde juhend

1999 https://www.ester.ee/record=b1345369*est

Mikrobioloogia, hügieen ja sanitaaria : metoodiline juhend ja kontrolltöö ülesanded III kursuse kaugõppijatele erialal "Toitlustamise tehnoloogia" (2711)

1989 https://www.ester.ee/record=b1219236*est

Mikrobioloogia. Üldjuhend mikroorganismide arvu määramiseks. Kolooniate loendamise tehnika 30 C juures

Türk, Karin-Tiiu; **Krosing, Valve**; Redel, Lehti; Siig, Anne 1999 https://www.ester.ee/record=b1276832*est

Mikrobioloogia. Üldjuhend pärmide ja hallituste arvu määramiseks. Kolooniate loendamise tehnika 25 C juures

Türk, Karin-Tiiu; **Krosing, Valve**; Redel, Lehti; Siig, Anne 1999 https://www.ester.ee/record=b1300432*est

Mikrobioloogiline üllatus Metstoa järvedes

Künnis, Kai Kaasaegse ökoloogia probleemid. Alalhoidlik areng ja looduskeskne elulaad : Eesti VI ökoloogiakonverentsi lühiartiklid, Tartu, 24.-26. aprill 1994 1994 / p. 155-157 https://www.ester.ee/record=b1065790*est

Mikrobioloogilised uuringud Põhja-Eesti rannikumeres ja Soome lahes

Künnis, Kai Kaasaegse ökoloogia probleemid : ökoloogia ja energeetika : Eesti V ökoloogiakonverentsi teesid : Tartu, 24.-26. apr. 1991 = Problems of contemporary ecology : ecology and energetics 1991 / lk. 93-95 https://www.ester.ee/record=b1188990*est

Mikrobioloogilises töös kasutatavad põhimõtted ja -meetodid. Biotehnoloogia laboratoorse tööde juhend. Lisad [Elektroniline teavik]

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

Mikrobioloogiliste näitajate kasutamine agrotehniliste võtete mõju hindamisel Eesti põllumuldades

Truu, Marika; Truu, Jaak; **Ivask, Mari** Kaasaegse ökoloogia probleemid : loodushoiu majandushoovad : Eesti X Ökoloogiakonverentsi lühiartiklid : Tartu, 27.-28. aprill, 2006 2006 / lk. 200-204 : ill

Mikroobimaailmaga seotud erijuhud - või otse vastupidi? : lisalugemist mikrobioloogiast [Elektroniline teavik]

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

Mucin utilization by gut microbiota : recent advances on characterization of key enzymes

Raba, Grete; Luis, Ana S. Essays in Biochemistry 2023 / p. 345-353 : ill <https://doi.org/10.1042/EBC20220121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New derivatives of the Tol plasmid pWWO

Sarand, J.; Mäe, A.; **Vilu, Raivo**; Heinaru, A. Journal of general microbiology 1993 / p. 2379-2385

Nonlinear machine learning pattern recognition and bacteria-metabolite multilayer network analysis of perturbed gastric microbiome

Duran, Claudio; Ciucci, Sara; Palladini, Alessandra; Ijaz, Umer Z.; Zippo, Antonio G.; Sterbini, Francesco Paroni; Masucci, Luca; Cammarota, Giovanni; Ianiro, Gianluca; **Spuul, Pirjo**; Schroeder, Michael Nature communications 2021 / art. 1926, 22 p <https://doi.org/10.1038/s41467-021-22135-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pseudomonas spp in Estonian farm milk

Kampura, Merle; **Stulova, Irina; Laht, Tiiu-Maie** Programme and abstract book the 21st International ICFMH Symposium "Evolving Microbial Food Quality and Safety" : Aberdeen, Scotland, 1-4 September 2008 2008 / p. 464

Recent advances in plasmid-based tools for establishing novel microbial chassis

Nora, Luísa Czamanski; Westmann, Cauã Antunes; Guazzaroni, María-Eugenia; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Silva-Rocha, Rafael Biotechnology Advances 2019 / Art. nr. 107433 <https://doi.org/10.1016/j.biotechadv.2019.107433> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reduction in spoilage microbiota and cyclopiazonic acid mycotoxin with chestnut extract enriched chitosan packaging: stability of inoculated Gouda cheese

Kõrge, Kristi; Šeme, Helena; Bajić, Marijan; Likožar, Blaž; Novak, Uroš Foods 2020 / Art. nr. 1645

<https://doi.org/10.3390/foods9111645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Saastatud muldade toksikoloogiline ja mikrobioloogiline kirjeldamine

Kahru, Anne; Põllumaa, Lee; **Maloverjan, Alla**; **Reiman, Rain**; **Laht, Mailis**; Trapido, Marina Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / I. 15

Simple, inexpensive and RNase-free purification of plasmid DNA by fractional precipitation with isopropanol

Paalme, Viuu; **Speek, Mart** BioTechniques 2021 / p. 490–494 : ill <https://doi.org/10.2144/btn-2021-0018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spice-cured sprats ripening, sensory parameters development, and quality indicators = Vürtsikilu valmimine, sensorsete omaduste kujunemine ja kvaliteediindikaatorid

Timberg, Loreida 2012 https://www.ester.ee/record=b2931156*est

Technology and know-how for optimisation and control of microbiological processes

Vilu, Raivo; **Paalme, Toomas** Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtteid 1996 / lk. 192 https://www.ester.ee/record=b1052731*est

Tehniline mikrobioloogia : laboratoorsed tööd

1975 https://www.ester.ee/record=b1310949*est

Tehniline mikrobioloogia : tööprogramm erialale "Konserveerimise tehnoloogia" (1007)

1982 https://www.ester.ee/record=b2613041*est

The effect of temperature and pH on the growth of lactic acid bacteria : a pH-auxostat study

Adamberg, Kaarel; **Kask, Signe**; **Laht, Tiit-Maie**; **Paalme, Toomas** International journal of food microbiology 2003 / p. 171-183 : ill

The perspective of microbiotests application for the surface water monitoring and effluents control in Estonia

Blinova, Irina Environmental toxicology and water quality 2000 / 5, p. 385-389

Toidu, loomasööda ja vee mikrobioloogia [Võrguteavik] : söötmete ettevalmistamine, valmistamine, säilitamine ja toimivuse kontrollimine = Microbiology of food, animal feed and water : preparation, production, storage and performance testing of culture media (ISO 11133:2014)

2015 http://www.ester.ee/record=b4494876*est

Tuhamägede heitvee fenoolsete ühendite mikrobioloogiline lagundamine

Heinaru, E.; Talpsep, E.; Laht, T.; Heinaru, A. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 19-21

Vee keemia ja mikrobioloogia : laboratoorsete tööde juhend

1986 https://www.ester.ee/record=b1605387*est

YAP1 over-expression in Saccharomyces cerevisiae enhances glutathione accumulation at its biosynthesis and substrate availability levels

Orumets, Kerti; **Kevvai, Kaspar**; **Nisamedtinov, Ildar**; Tamm, Tiina; **Paalme, Toomas** Biotechnology journal 2012

<https://pubmed.ncbi.nlm.nih.gov/22009669/>

Влияние степени очистки на его иммобилизацию и свойства иммобилизованных препаратов

Lukoševičienė, Nijolė; Žukene, V.V.; Sadauskas, P.; **Köstner, Ado** Прикладная биохимия и микробиология 1979 / с. 421-425

https://www.ester.ee/record=b1223603*est

Изучение микробиологического синтеза L-аспарагиновой кислоты

Randla, T. XXVII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1983 г. : тезисы докладов. Часть 3 1983 / с. 111 https://www.ester.ee/record=b1571572*est

Изучение условий микробиологического синтеза N-нитрозаминов

Uibu, Jaak; **Kann, Aino** Технология пищевых производств. 6 1976 / с. 77-82 https://www.ester.ee/record=b1182279*est

<https://digikogu.taltech.ee/et/Item/b776e312-51e7-4e92-af0d-41e1141cf2af>

Микробиологический анализ килечных пресервов

Kann, Aino; Tauts, E.; **Kask, Karl** Технология пищевых производств. 2 1971 / с. 79-85 : илл

https://www.ester.ee/record=b1475923*est <https://digikogu.taltech.ee/et/Item/63f3c26f-8104-4e33-a10e-83512b7e2b87/>

Микробиологический синтез диметилнитрозамина штаммами *Saccharomyces Cerevisiae* как возможный путь для образования нитрозаминов в хлебобулочных изделиях

Uibu, Jaak; Ikart, Erge Экспериментальная и клиническая онкология : сборник научных трудов = Eksperimentaalne ja Kliiniline Onkoloogia : teaduslike tööde kogumik = Experimental and clinical oncology : collection of proceedings 1978 / с. 116-121
https://www.ester.ee/record=b1213657*est

Некоторые характеристики микробиологических процессов в аэротенке

Leesment, Liidia; Lääne, Ain; Mölder, Heino; Randla, R.; Juhat, Matti-Ants; Lutsoja, H. Научная конференция, посвященная 75-летию кафедры гигиены Тартуского государственного университета и 30-летию Тартуской городской СЭС : [20-21 ноября 1970 г. : материалы] 1970 / с. 108-112 : ил <http://hdl.handle.net/10062/47709> https://www.ester.ee/record=b1375229*est

Основы микробиологии. Гигиена и санитария в общественном питании : методические указания и контрольные задания для студентов заочников III курса специальности "Технология общественного питания" (2711)

1989 https://www.ester.ee/record=b1231391*est

Получение иммобилизованных в полиакриламидном геле ферментов для полупромышленных опечтов

Köstner, Ado; Mandel, Mihkel; Krosing, Valve; Siimer, Enn; Kivisilla, Külliki Микробиологическая промышленность : научно-технический реферативный сборник 1975 / с. 19-21 : рис., таб https://www.ester.ee/record=b2854511*est

Производство кормового микробиологического белка и охрана окружающей среды

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