

**Activated sludge process coupled with intermittent ozonation for sludge yield reduction and effluent water quality control**  
Järvik, Oliver; Viiroja, Andres; Kamenev, Sven; Kamenev, Inna Journal of chemical technology and biotechnology 2011 / p. 978–984 : ill

**Adaptastat - a new method for optimising of bacterial growth conditions in continuous culture : interactive substrate limitation based on dissolved oxygen measurement**

Tomson, Katrin; Barber, Jill; Vanatalu, Kalju Journal of microbiological methods 2006 / 3, p. 380-390 : ill  
<https://pubmed.ncbi.nlm.nih.gov/15992952/>

#### "AK. Nädal" uuris, kuidas jõuab inimesteni puhas joogivesi

Saar, Sandra novaator.err.ee 2023 ["AK. Nädal" uuris, kuidas jõuab inimesteni puhas joogivesi](#)

**Analysis of functional gene transcripts suggests active CO<sub>2</sub> assimilation and CO oxidation by diverse bacteria in marine sponges**

Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; Karlep, Liisi; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087  
<https://doi.org/10.1093/femsec/fiz087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antibacterial activity of 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens**

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Gathergood, Nicholas; Kahru, Anne Journal of international scientific publications : ecology & safety 2019 / p. 16-28 : ill <https://www.scientific-publications.net/en/article/1001856/>

**Antibacterial activity of positively and negatively charged hematite ( $\alpha$ -fe2 o3) nanoparticles to escherichia coli, staphylococcus aureus and vibrio fischeri**

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; Rosenberg, Merilin; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites**

Kasemets, Kairi; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61\_875  
<https://www.dropbox.com/s/w8prtlnkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

**Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass**

Kisand, Vambola; Visnapuu, Meeri; Rosenberg, Merilin; Danilian, Dmytro; Vlassov, Sergei; Kook, Mati; Lange, Sven; Pärna, Rainer; Ivask, Angela Catalysts 2022 / art. 197 <https://doi.org/10.3390/catal12020197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antimicrobial particles based on Cu<sub>2</sub>ZnSnS<sub>4</sub> monograins**

Žalnėravičius, Rokas; Pakštas, Vidas; Grincienė, Giedrė; Klimas, Vaclovas; Paškevičius, Algimantas; Timmo, Kristi; Kauk-Kuusik, Marit; Franckevičius, Marius; Niaura, Gediminas; Talaikis, Martynas; Jagminas, Arūnas; Ramanavičius, Arūnas Colloids and Surfaces B: Biointerfaces 2023 / art. 113275 <https://doi.org/10.1016/j.colsurfb.2023.113275>

**Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral Acropora cytherea from Palk Bay, India**

Rajasabapathy, Raju; Ramasamy, Kesava Priyan; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur Frontiers in marine science 2020 / art. 92, 8 p. : ill <https://doi.org/10.3389/fmars.2020.00092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bacterial population dynamics in long-ripening cheese**

Blank, Liisi; Panke, Marta; Saarehte, J.; Laht, Tiiu-Maie The 1st Congress of Baltic Microbiologists : Riga, Latvia, 31.10. - 4.11.2012 : book of abstracts 2012

**BAKTER, MIS SUUDAB TEKITADA VÄHKI: Eestis on sellega nakatunud üle poole inimestest [Võrguväljaanne]**

Maasikamäe, Sirje ohtuleht.ee 2021 ["BAKTER, MIS SUUDAB TEKITADA VÄHKI: Eestis on sellega nakatunud üle poole inimestest"](#)

**Bakterid - kas uus võimalus rasvumisega võitlemiseks?**

Liebert, Tiiu Postimees 2020 / lk. 6-7 [https://www.esther.ee/record=b1072778\\*est](https://www.esther.ee/record=b1072778*est)

**Bakterite imeline maailm; 1. osa**

Lelumees, Siiri Kodutohter 2020 / lk. 30-33 : ill [http://www.esther.ee/record=b1072381\\*est](http://www.esther.ee/record=b1072381*est)

**Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential**

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; Gupta, Vijai Kumar; Singh, Bhim Pratap European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> [Journal](#)

**Biodegradation of dissolved jet fuel in chemostat by a mixed bacterial culture isolated from a heavily polluted site**  
Rožkov, Aleksei; Käärd, Arvo; Vilu, Raivo Biodegradation 1998 / p. 363-369: ill

**Biological nanofactories : using living forms for metal nanoparticle synthesis**

Srivastava, Shilpi; Usmani, Zeba; Atanasov, Atanas G.; Singh, Vinod Kumar; Singh, Nagendra Pratap; Abdel-Azeem, Ahmed M. Mini-Reviews in Medicinal Chemistry 2021 / p. 245 - 265 <https://doi.org/10.2174/138955720999201116163012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biological parameters : micro-organisms**

Saava, Astrid Assessment of the effects of pollution on the natural resources of the Baltic Sea, 1980 1981 / p. 265-295  
[https://www.esther.ee/record=b1359400\\*est](https://www.esther.ee/record=b1359400*est)

**Biosynthesis of CGT by *Bacillus macerans***

Vokk, Raivo; Peipman, Elsa; Krosing, Valve Carbohydrates 1989 : abstracts of the Vth European Carbohydrate Symposium ;August 21-25, 1989, Prague, Czechoslovakia 1989 / p. 39

**BOD/COD ratio as a probing index in the O/H/O process for coking wastewater treatment**

Wei, Gengrui; Wei, Tuo; Li, Zemin; Wei, Cong; Kong, Qiaopin; Guan, Xianghong; Qiu, Guanglei; Hu, Yun; Wei, Chaohai; Zhu, Shuang; Liu, Yu; Preis, Sergei Chemical Engineering Journal 2023 / art. 143257 <https://doi.org/10.1016/j.cej.2023.143257>

**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 sulfate-reducing bacteria in yeast industry waste by microcalorimetry and PCR amplification**

Menert, Anne; Paalme, Viiu; Juhkam, Jelena; Vilu, Raivo Thermochimica acta 2004 / 1/2, p. 89-98 : ill  
[https://www.researchgate.net/publication/224858800\\_Characterization\\_of\\_Sulphate-Reducing\\_Bacteria\\_in\\_Yeast\\_Industry\\_Waste\\_by\\_Microcalorimetry\\_and\\_PCR\\_Amplification](https://www.researchgate.net/publication/224858800_Characterization_of_Sulphate-Reducing_Bacteria_in_Yeast_Industry_Waste_by_Microcalorimetry_and_PCR_Amplification)

**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

**Complete genome sequencing of the luminescent bacterium, *vibrio qinghaiensis* sp. Q67 using PacBio technology**

Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; Gupta, Vijai Kumar; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 <https://doi.org/10.1038/sdata.2017.205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Construction and use of specific luminescent recombinant bacterial sensors for the assessment of bioavailable fraction of cadmium, zinc, mercury and chromium in the soil**

Ivask, Angela; Virta, Marko; Kahru, Anne Soil biology and biochemistry 2002 / p. 1439-1447

**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

**Detailed analysis of metabolism reveals growth-rate-promoting interactions between *Anaerostipes caccae* and *Bacteroides* spp**

Kattel, Anna; Morell, Indrek; Aro, Valter; Lahtvee, Petri-Jaan; Vilu, Raivo; Jöers, Arvi; Nahku, Ranno Anaerobe 2023  
<https://doi.org/10.1016/j.anaerobe.2022.102680>

**Development and production of extruded food and feed products containing probiotic microorganisms = Probiootilisi mikroorganisme sisaldavate ekstrudeeritud toiduainete ja loomasöötade tootmistehnoloogia väljatöötamine ja rakendamine**

Kazarjan, Aram 2012

**Development of a microcalorimetric method for the study of fermentation processes = Kalorimeetrilise meetodi väljatöötamine fermentatsiooniprotsesside uurimiseks**

Kabanova, Natalja 2013 [https://www.esther.ee/record=b2945255\\*est](https://www.esther.ee/record=b2945255*est)

**Development of bacterial biosensors and human stem cell-based in vitro assays for the toxicological profiling of synthetic nanoparticles = Rekombinantsetel sensorbakteritel ja inimese tüvirakkidel põhinevate in vitro testide väljatöötamine sünteesiliste nanoosakesete toksikoloogiliseks uurimiseks**

**Bondarenko, Olesja** 2012 <https://digi.lib.ttu.ee/i/?794>

**Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples**  
Pacocha, Natalia; Scheler, Ott; Nowak, Mikolaj Marcin Analytical methods 2019 / p. 5655–5738 : ill <https://doi.org/10.1039/c9ay01874c>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Doktoritöö: kahjurivabad ökomajad**

Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2022 / Lk. 12-13 : ill [https://www.estet.ee/record=b2050444\\*est](https://www.estet.ee/record=b2050444*est)

**Doktoritöö: kuidas kaitsta ökomaju kahjurite eest?**

Maa Elu 2022 / Lk. 5 <https://dea.digar.ee/article/maaelu/2022/03/31/6.8>

**Draft genome sequence of a new *pseudomonas* sp. strain, ef1, associated with the psychrophilic Antarctic Ciliate *Euplotes focialii***

Ramasamy, Kesava Priyan; Telatin, Andrea; Mozzicafreddo, Matteo; Miceli, Cristina; Pucciarelli, Sandra Microbiology resource announcements 2019 / art. e00867-19, 2 p <http://dx.doi.org/10.1128/MRA.00867-19>

**Drinking water production from well water with high sulfur and sulfur bacteria content**

Munter, Rein; Vilu, Helle Journal of environmental engineering 2008 / 5, p. 376-381 : ill

**Droplet-based technology for studying the phenotypic effect of microplastics on antimicrobial resistance**

Bartkova, Simona; Sulp, Fenella Lucia; Sanka, Immanuel; Pata, Pille; Scheler, Ott Proceedings 2023 / art. 41  
<https://doi.org/10.3390/proceedings2023092041>

**Ecological aspect of antibiotic batumin synthesis by *pseudomonas batumici***

Klochko, V. V.; Lipova, Inna; Chuiko, N. V.; Avdeeva, L. V. Mikrobiologichnyi Zhurnal 2021 / p. 14-23  
<https://doi.org/10.15407/microbiolj83.03.014>

**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>

**Eesti teadlased avastasid, mis aitab vältida viirusest tingitud südamehaigusi [Võrguväljaanne]**

postimees.ee 2022 ["Eesti teadlased avastasid, mis aitab vältida viirusest tingitud südamehaigusi"](#)

**Eesti teadlased on suutnud tervislikuks muuta nii šokolaadi kui ka kröpsud**

Raamets, Heli Maaleht 2021 / Lk. 12-13 : ill <https://dea.digar.ee/article/maaleht/2021/04/01/13.2>

**Eesti teadlased püüavad puukborrelioosi seljatada kohalike ravimtaimedega**

Laanet, Pille-Riin; Vaher, Merike goodnews.ee 2023 [Eesti teadlased püüavad puukborrelioosi seljatada kohalike ravimtaimedega](#)

**Enumeration of sanitary-indicator bacteria**

Saava, Astrid Merentutkimuslaitos = Finnish marine research 1980 / p. 61-67 [https://www.estet.ee/record=b1200299\\*est](https://www.estet.ee/record=b1200299*est)

**Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))**

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2018 / art. 4650, 1 p.  
<https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Erratum: Microbiome definition re-visited: old concepts and new challenges (Microbiome (2020) 8 (103) DOI:**

**10.1186/s40168-020-00875-0)**

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; Cernava, Tomislav; Vergès, Marie-Christine Champomier; Charles, Trevor C.; Chen, Xiaoyulong; Cocolin, Luca; Eversole, Kelly; Sarand, Inga Microbiome 2020 / art. 119, 1 p. <https://doi.org/10.1186/s40168-020-00905-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ethanol and levan production by *Zymomonas mobilis***

Mezbarde, I.; Yalinska, A.; Urbanovics, I.; Ventina, E.; Beker, M.; Pankova, L.; Shvinka, J. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 37

**Evaluating the effect of different fibers on a simplified gut microbiota**

Aro, Valter; Kattel, Anna; Nahku, Ranno; Viiard, Ene; Vilu, Raivo 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 19  
[https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstracts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracts.pdf)

**Evaluation of the biological effects of engineered nanoparticles on unicellular pro- and eukaryotic organisms =**

**Sünteetiliste nanoosakeste bioloogiliste efektide hindamine üherakulitel pro- ja eukarüootsetel organismidel**  
Mortimer, Monika [https://www.ester.ee/record=b2709099\\*est](https://www.ester.ee/record=b2709099*est)

**Evolution of bacterial consortia in spontaneously started rye sourdoughs during two months of daily propagation**  
Bessmeltseva, Marjanna; Viiard, Ene; Simm, Jaak; Paalme, Toomas; Sarand, Inga PLoS ONE 2014 / p. 1-12 : ill

**Fotosünteesiva bakteri *Chlorobium thiosulfatophilum* CO<sub>2</sub> fikseerimisreaktsioonide kvantitatiivsed mustrid heterotroofsetes kasvutingimustes**

Abner, Kristo; **Paalme, Toomas; Vilu, Raivo** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 12-13

**Genetic potential of indigenous bacteria : degradation of phenolic compounds in polluted river water**

Heinaru, E.; Laht, T.; Talpsep, E.; Heinaru, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 19

**Genomic features and copper biosorption potential of a new *Alcanivorax* sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)**

Ramasamy, Kesava Priyan; Rajasabapathy, Raju; **Lips, Inga**; Mohandass, Chellandi; James, Rathinam Arthur Genomics 2020 / p. 3268-3273 <https://doi.org/10.1016/j.ygeno.2020.06.015> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Growth characterization of individual rye sourdough bacteria by isothermal microcalorimetry**

Mihhalevski, Anna; Sarand, Inga; **Viiard, Ene**; Salumets, Airika; **Paalme, Toomas** Journal of applied microbiology 2011 / 2, p. 529-540

**Gut bacteria co-culture in vitro studies**

Aro, Valter; Kattel, Anna; Morell, Indrek; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 18  
[https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstracts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracts.pdf)

**Happelisem jämesool aitab bakteritel tervist turgutada [Võrguväljaanne]**

novaator.err.ee 2021 / fot [Happelisem jämesool aitab bakteritel tervist turgutada](#)

**Helicobacter pylori and the possible probiotic *Lactobacillus salivarius* co-exist in Estonian gastric biopsy sample**

Roots, Kaisa; Kasak, Lagle; Suurmaa, Külli; Sarand, Inga; Spuul, Pirjo Helicobacter 2020 <https://www.wiley.com/paper/1304864948814581760> <https://onlinelibrary.wiley.com/journal/15235378?tabActivePane=> <https://doi.org/10.1111/hel.12745>

**Helicobacter pylori-induced inflammatory response mediates invadosome formation and emergence of hybrid epithelial/mesenchymal phenotype in infected hepatocytes**

Smirnova, Olga; Roots, Kaisa; Rukavitsõna, Elina; Kasak, Lagle; Karniol, Karmen; Varon, C.; Genot, Elisabeth; Spuul, Pirjo Helicobacter 2020 <https://doi.org/10.1111/hel.12745>

**HIIIFIBER - Eesti teadlaste innovatsioon piimaletis**

Postimees 2021 / Lk. 11 : fot

**Horizontal transfer of released phe-genes in the wild**

Peters, M.; Talpsep, E.; Heinaru, E.; Heinaru, A.; Nurk, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 29

**Implications of plant growth promoting *Klebsiella* sp. CPSB4 and *Enterobacter* sp. CPSB49 in luxuriant growth of tomato plants under chromium stress**

Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; **Gupta, Vijai Kumar** Chemosphere 2020 / Art. nr. 124944 <https://doi.org/10.1016/j.chemosphere.2019.124944> 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  
<https://www.semanticscholar.org/paper/Influence-of-non-enzymatic-glycosylation-of-whey-of-Adamberg-Kostyra/cd0dff0ba071aea2e324aff612e5618368e06032>

**Inimese ja soolebakteri genoomist**

**Isolation and characterization of Streptococcus strain with alpha-glycerophosphate oxidase activity**

Bagdonaitė, L.; Meshkys, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 48

**Kaubalaevade ballastvee puhastamine jätab soovida [Võrguväljaanne]**

keskkonnatehnika.ee 2021 ["Kaubalaevade ballastvee puhastamine jätab soovida"](#)

**Kokkuvõte = Резюме = Summary**

**Adamberg, Signe** 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 / lk. 83 [https://www.esther.ee/record=b5255688\\*est](https://www.esther.ee/record=b5255688*est)

**KURI HELIKOBAKTER: suudab tekitada põletikku, aga ka vähki**

Maasikamäe, Sirje Õhtuleht 2021 / Lk. 14 : fot <https://dea.digar.ee/article/ohtuleht/2021/06/01/10.5>

**Köhubakterite kuningriik - tervise tagala**

**Adamberg, Kaarel** Postimees 2021 / Lk. 2 [https://www.esther.ee/record=b1072778\\*est](https://www.esther.ee/record=b1072778*est)

**Köhutervise audit. Häid köhubaktereid to Kuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid köhubaktereid?**

**Adamberg, Kaarel** tervispluss.delfi.ee 2024 [Köhutervise audit. Häid köhubaktereid to Kuidas toetada oma teist aju ehk mikrobioomi? Millega toita häid köhubaktereid?](#)

**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>

**Luminescent recombinant sensor bacteria for the analysis of bioavailable heavy metals**

**Ivask, Angela** 2006 [https://www.esther.ee/record=b2158067\\*est](https://www.esther.ee/record=b2158067*est)

**Machine learning pattern recognition and differential network analysis of gastric microbiome in the presence of proton pump inhibitor treatment or Helicobacter pylori infection [Online resource]**

Ciucci, Sara; Duran, Claudio; Palladini, Alessandra; **Spuul, Pirjo** bioRxiv 2020 / 70 p. : ill <https://doi.org/10.1101/2020.03.24.005587>

**Microbiome definition re-visited: old concepts and new challenges**

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; **Sarand, Inga** Microbiome 2020 / art. 103, 22 p. : ill <https://doi.org/10.1186/s40168-020-00875-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Microbiome of root vegetables - a source of gluten-degrading bacteria**

Köiv, 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 growth of Lactococcus lactis IL1403 at low glucose concentration in liquids and solid agar gels**

**Kabanova, Natalja; Stulova, Irina; Vilu, Raivo** Thermochimica acta 2013 / p. 69-75 : ill

**Microcalorimetry of anaerobic digestion**

**Menert, Anne** 2001 [https://www.esther.ee/record=b1570004\\*est](https://www.esther.ee/record=b1570004*est)

**Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on: E. coli**  
Postek, Witold; Gargulinski, Paweł; **Scheler, Ott**; Kaminski, Tomasz S.; Garstecki, Piotr Lab on a Chip 2018 / p. 3668 - 3677  
<https://doi.org/10.1039/c8lc00916c> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**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.esther.ee/record=b5255688\\*est](https://www.esther.ee/record=b5255688*est)

**Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding**

**Sildever, Sirje**; Nishi, Noriko; Inaba, Nobuharu; Asakura, Taiga; Kikuchi, Jun; Asano, Yasuhito; Kobayashi, Takanori; Gojobori, Takashi; Nagai, Satoshi Metabarcoding and metagenomics 2022 / art. e79471 <https://doi.org/10.3897/mbmg.6.79471> Journal metrics at Scopus Article at Scopus

## Moodsad veefiltrid kasvatavad baktereid

Kivistu, Kerli; **Künnis-Beres, Kai** Postimees 2016 / lk. 6-7 <https://majandus.postimees.ee/3522921/moodsad-veefiltrid-kasvatavad-baktereid>

## Mustamäe toidurevolutsioon – Eesti teadlased valmistuvad maailma vallutamiseks [Võrguväljaanne]

turundajate liit.ee 2022 "Mustamäe toidurevolutsioon – Eesti teadlased valmistuvad maailma vallutamiseks"

## Photobacteria as whole-cell biosensors in environmental toxicology

Kahru, Anne; Kurvet, Madis; Külm, I. XIII Scandinavian Workshop on In Vitro Toxicology, Tampere, Finland, 21-24.9.1995 : abstracts 1995 / p. 73

## Physicochemical Properties Predict Retention of Antibiotics in Water-in-Oil Droplets

Ruszczak, Artur; Jankowski, Paweł; Vasantham, Shreyas K.; Scheler, Ott; Garstecki, Piotr Analytical chemistry 2023 / p. 1574–1581 : ill <https://doi.org/10.1021/acs.analchem.2c04644>

## Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

Sildever, Sirje; Laas, Peeter; Kolesova, Natalja; Lips, Inga; Lips, Urmas; Nagai, Satoshi Metabarcoding and metagenomics 2021 / p. 175-197 : ill <https://doi.org/10.3897/mbmg.5.72371> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Population genetics of phenol-degrading bacteria in polluted river water

Talpsep, E.; Nurk, A.; Peters, M.; Heinaru, E.; Truu, J.; Heinaru, A. BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 33

## Propidium iodide staining underestimates viability of adherent bacterial cells

Rosenberg, Merilin; Azevedo, Nuno F.; Ivask, Angela Scientific reports 2019 / art. 6483, 12 p. : ill <https://doi.org/10.1038/s41598-019-42906-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## 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/>

## Radiotaajuisen säteilyn vaikutus hiivasienten, homeiden ja mikrobiien kasvuun

Ahonen, Mikko; Lehto, Timo; **Koppel, Tarmo** Sisäilmastoseminaari 2019 : 14.3.2019 2019 / p. 375–380 [https://www.sisailmautiset.fi/Sisäilmastoseminaari\\_2019.pdf](https://www.sisailmautiset.fi/Sisäilmastoseminaari_2019.pdf)

## Rapid catalytic water disinfection from earth abundant Ca2Fe2O5 brownmillerite

Vanags, Mārtiņš; Mežule, Linda; Spule, Arnita; Kostjukovs, Juris; Šmits, Krišjānis; Tamm, Aile; Juhna, Talis; Vihodceva, Svetlana; Käämbre, Tanel; **Vasiliev, Grigory** Advanced sustainable systems 2021 / art. 2100130, 10 p. : ill <https://doi.org/10.1002/adsu.202100130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces

Rosenberg, Merilin; Vilja, Heiki; Kahru, Anne; Keevil, William; Ivask, Angela Scientific reports 2018 / art. 8172, 8 p. : ill <https://doi.org/10.1038/s41598-018-26391-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Rasvumine tõstab oluliselt haiguste tekkimise riski

Liebert, Tiiu Tervisemeeter 2022 / Lk. 4-5 [https://www.esther.ee/record=b5295006\\*est](https://www.esther.ee/record=b5295006*est)

## Red-brown pigmentation of acidipropionibacterium jensenii is tied to haemolytic activity and cyl-Like gene cluster

Smolander, Olli-Pekka; Deputla, Paulina; Loivamaa, Iida; Laine, Pia; Roberts, Richard J.; Piironen, Vieno; Paulin, Lars; Savijoki, Kirsi; Auvinen, Petri; Varmanen, Pekka Microorganisms 2019 / p. 15 p. : ill <https://doi.org/10.3390/microorganisms7110512> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Reostatud pinnase suhtelise toksilisuse määramine fotobakteritestidega

Reiman, Rain; Kahru, Anne; Pöllumaa, Lee; Meriste, T. Eesti Mikrobioloogide Ühenduse konverents : 12.05.2000, Tartu = Conference of the Estonian Society for Microbiology : 12.05.2000, Tartu 2000 / I. 14

## Rhizosphere metagenomics of Paspalum scrobiculatum L. (kodo millet) reveals rhizobiome multifunctionalities

Prabha, Ratna; Singh, Dhananjaya P.; Gupta, Shailendra; **Gupta, Vijai Kumar**; El-Enshasy, Hesham A.; Verma, Mukesh K. Microorganisms 2019 / art. 608, 21 p. : ill <https://doi.org/10.3390/microorganisms7120608> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Rickettsia spp. in rodent-attached ticks in Estonia and first evidence of spotted fever group Rickettsia species

Candidatus Rickettsia uralica in Europe

Vikentjeva, Maria; Geller, Julia; Remm, Jaanus; Golovljova, Irina Parasites and vectors 2021 / art. 65., 9 p. : ill

<https://doi.org/10.1186/s13071-020-04564-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Role of bacterial-fungal consortium for enhancement in the degradation of industrial dyes**

Mawad, Asmaa M.M.; Hesham, Abd El-Latif; Yousef, Naiema M.H.; Shoreit, Ahmed Abdelfattah Mohamed; **Gathergood, Nicholas; Gupta, Vijai Kumar** Current genomics 2020 / p. 283 - 294 <https://doi.org/10.2174/1389202921999200505082901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Sanitary-indicator bacterial analysis**

Saava, Astrid Meri: report series of the Finnish Institute of Marine Research 1980 / p. 68-78 [https://www.ester.ee/record=b1717624\\*est](https://www.ester.ee/record=b1717624*est)

## **Seedimiskiirus mõjutab inimese soolebaktereid**

Adamberg, Signe; Adamberg, Kaarel Äripäev 2019 / Terviseuudised, lk. 7

## **Seened liha asemel ehk kuidas vähem tootes võiks 11 miljardit inimest ära toita? [Võrguväljaanne]**

postimees.ee 2022 ["Seened liha asemel ehk kuidas vähem tootes võiks 11 miljardit inimest ära toita?"](#)

## **Simultaneous nitrite and ammonium production in an autotrophic partial denitrification and ammonification of wastewaters containing thiocyanate**

Pan, Jianxin; Wei, Chaohai; Fu, Bingbing; Ma, Jingde; **Preis, Sergei**; Wu, Haizhen; Zhu, Shuang Bioresource technology 2018 / p. 20-27 : ill <https://doi.org/10.1016/j.biortech.2017.12.059>

## **Structure and function of microbial community associated with phenol co-substrate in degradation of benzo[a]pyrene in coking wastewater**

Wu, Haizhen; Wang, Ming; Zhu, Shuang; **Preis, Sergei** Chemosphere 2019 / p. 128-138 : ill <https://doi.org/10.1016/j.chemosphere.2019.04.117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics**

Sihtmäe, Mariiliis; Laanoja, Jüri; Otsus, Maarja; Kahru, Anne; **Kasemets, Kaja** (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 01914 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

## **Study of toxicity of pesticides using luminescent bacteria Photobacterium phosphoreum**

Kahru, Anne; Tomson, Katrin; Pall, T.; Külm, I. Water science and technology 1996 / 6, p. 147-154

## **Sulfurimonas subgroup GD17 cells accumulate polyphosphate under fluctuating redox conditions in the Baltic Sea : possible implications for their ecology**

Möller, Lars; Laas, Peeter; Rogge, Andreas; Goetz, Florian The ISME journal 2019 / p. 482–493 : ill <https://doi.org/10.1038/s41396-018-0267-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Sulphur isotope composition of dissolved sulphate in the Cambrian–Vendian aquifer system in the northern part of the Baltic Artesian Basin**

Raidla, Valle; Kirsimäe, Kalle; **Ivask, Jüri**; Kaup, Enn; Knöller, Kay; Marandi, Andres; **Martma, Tõnu**; Vaikmäe, Rein Chemical geology 2014 / p. 147-154 : ill

## **Tarbijani jõuavad kasulike bakteritega kohukesed : [juulist TTÜ keemiainstituudi juures tegutsevast toidu- ja fermentatsioonitehnoloogia arenduskeskusest (TFTAK)]**

Sildvee, Reimo Eesti Päevaleht 2004 / 4. nov., lk. 14 : fot <https://arileht.delfi.ee/artikel/50996596/tarbijani-jouavad-kasulike-bakteritega-kohukesed>

## **The complex microbiome from native semen to embryo culture environment in human in vitro fertilization procedure**

Štšepetova, Jelena; Baranova, Julianna; **Simm, Jaak**; Parm, Ülle Reproductive biology and endocrinology 2020 / art. 3, 13 p. : ill <https://doi.org/10.1186/s12958-019-0562-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **The effect of milk heat treatment on the growth characteristics of lactic acid bacteria**

Stulova, Irina; Kabanova, Natalja; Kriščunaite, Tiina; Laht, Tiiu-Maie; Vilu, Raivo Agronomy research 2011 / p. 473-478 : ill

## **The Nitrogen-Cycling Network of Bacterial Symbionts in the Sponge *Spheciopsispongia vesparium***

He, Liming; Karlep, Liisi; Li, Zhiyong The Journal of Ocean University of China 2021 / p. 999–1012 <https://doi.org/10.1007/s11802-021-4530-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **The study of probiotic bacteria in human gastrointestinal tract simulator = Probiotilised bakterid inimese seedetrakti simulaatoris**

**Toiduteadur: poes käies mötle ka sellele, mida headale bakteritele süüa osta**

Gil, Kaia postimees.ee 2023 [Toiduteadur: poes käies mötle ka sellele, mida headale bakteritele süüa osta](#)

**Toxicity of phenolic wastewater to luminescent bacteria Photobacterium phosphoreum and activated sludges**

Kahru, Anne; Kurvet, Madis; Külm, I. Water science and technology 1996 / 6, p. 139-146

**Toxicological effects of 24 L-Phenylalanine derived ionic liquids against marine and clinically relevant bacteria**

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Kahru, Anne 8th IUPAC International Conference of Green Chemistry : Shangri-La Hotel, Bangkok, Thailand, 9-14 Sept 2018 : poster presentation abstracts 2018 / p. 13

[http://www.greenupac2018.com/download/8th%20IUPAC%20ICGC%202018\\_Program%20&%20Abstract%20Book\\_Poster%20Abstract.pdf](http://www.greenupac2018.com/download/8th%20IUPAC%20ICGC%202018_Program%20&%20Abstract%20Book_Poster%20Abstract.pdf)

**Toxicological profiling of copper oxide and silver nanoparticles and polyoxometalate ionic liquids with medically relevant bacteria and mammalian cells in vitro = Vaskoksidi ja hõbeda nanoosakeste ning polüoksometalaat-foonvedelike toksilisuse uuringud meditsiiniliselt oluliste bakterite ja imetajarakkudega in vitro**

Kubo, Anna-Liisa 2019 <https://digi.lib.ttu.ee/i/?12073>

**TTÜ labor paneb bakteri äri heaks tööle : [prof. Madis Metsise uurimistööst]**

Reimer, Andres Eesti Päevaleht 2012 / lk. 10 <https://arileht.delfi.ee/artikel/64324771/ttu-labor-paneb-bakteri-ari-heaks-toole>

**Tudengite idufirma pakub posti teel ja väljaheiteproovi alusel toidusoovitusi : [TTÜ tudengifirma Flick Diet]**

Must, Merle Eesti Päevaleht 2013 / lk. 5

**Tugev immuunvastus enteroviirusele võib aidata vältida südamehaigusi [Võrguväljaanne]**

Harrik, Airika novaator.err.ee 2022 ["Tugev immuunvastus enteroviirusele võib aidata vältida südamehaigusi"](#)

**Use of luminescent bacteria in toxicity testing**

Kahru, Anne Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 33

**Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest [Võrguväljaanne]**

digi.geenius.ee 2021 ["Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest."](#)

**Validation of critical factors for the quantitative characterization of bacterial physiology in accelerostat cultures = Kriitiliste faktorite valideerimine bakterite füsioloogia uurimiseks akselerostaatsetes kultiveerimise eksperimentides**

Nahku, Ranno 2012

**Vaskplekk kui imerohi koroona leviku vastu? Ärimehed müüvad tarbetut kaitset kõrge hinnaga**

Jürisoo, Lauri; Kreek, Romet Eesti Päevaleht 2020 / Lk. 10 : fot <https://dea.digar.ee/article/eestipaevaleht/2020/11/04/10.3>

**Võitlus vähkitekitava bakteri vastu on arvatust raskem [Võrguväljaanne]**

Roots, Kaisa novaator.err.ee 2021 ["Võitlus vähkitekitava bakteri vastu on arvatust raskem"](#)

**Ökomajad maitsevad kahjuritele - teadustöö pakub nende eest kaitseks umbrohtu [Võrguväljaanne]**

postimees.ee 2022 ["Ökomajad maitsevad kahjuritele - teadustöö pakub nende eest kaitseks umbrohtu"](#)

**Биосинтез циклодекстринглюканотрансферазы при культивировании Bacillus macerans на различных питательных средах**

Peipman, Elsa; Vanatalu, Kalju; Kirme, M. Tallinna Tehnikaülikooli Toimetised 1991 / lk. 58-68: ill

**Изучение влияния иммобилизации на аспартазную активность пропионовокислых бактерий и ESCHERICHIA COLI : автореферат ... кандидата биологических наук (03.00.23)**

Kalda, Astrid 1984 [https://www.esther.ee/record=b1538115\\*est](https://www.esther.ee/record=b1538115*est)

**Изучение иммобилизованной при помощи моноклональных антител циклодекстринглюканотрансферазы (ЦГТ-азы) Bacillus macerans микрометод для определения ЦГТ-азной активности**

Arbatova, Jelena; Reeben, M. Tallinna Tehnikaülikooli Toimetised 1991 / lk. 40-48: ill

**Моноклональные антитела к циклодекстринглюканотрансферазе Bacillus macerans**

Arbatova, Jelena; Рэбен, М.; Köstner, Ado Экспериментальная биология 1990 / 2, с. 10

**О бактериальной загрязненности и самоочищении водных рек**

Leesment, Liidia; Murakas, H.; Rohusaar, Laas; Saava, Astrid Биофизические аспекты загрязнения биосфера : симпозиум

**О бактериальной загрязненности рек и их способности самоочищения (на примере Эстонской ССР)**

**Leesment, Liidia; Murakas, H.; Rohusaar, Laas; Saava, Astrid** Материалы IV Всесоюзного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллин, 2-5 октября 1972 г. Секция 2, Химико-биологические аспекты самоочищения рек и водоемов 1972 / с. 50-57 : таб [https://www.estr.ee/record=b1326709\\*est](https://www.estr.ee/record=b1326709*est)

**О скорости отмирания бактерий в малых равнинных реках (на примере Эстонской ССР)**

**Saava, Astrid; Leesment, Liidia** Материалы V Всесоюзного научного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллин, 18-21 ноября 1975 г. II секция, Санитарно-биологические аспекты качества воды водоемов и водотоков 1975 / с. 176-177 [https://www.estr.ee/record=b1327830\\*est](https://www.estr.ee/record=b1327830*est)

**Подбор условий культивирования штаммов *Bacillus macerans* - продуцентов циклодекстринглюканотрансферазы**

**Peipman, Elsa; Vokk, Raivo** II конференция молодых ученых химических факультетов РПИ и ЛГУ : тезисы докладов 1987 / с. 40 [https://www.estr.ee/record=b2142137\\*est](https://www.estr.ee/record=b2142137*est)

**Фаг кишечной палочки в качестве трейсера и модели для изучения выживаемости вирусов в реках**

**Leesment, Liidia** Материалы V Всесоюзного научного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллинн, 18-21 ноября 1975 г. Секция 4, Часть 2, Регулирование качества воды 1975 / с. 166-171 : илл., таб [https://www.estr.ee/record=b1327854\\*est](https://www.estr.ee/record=b1327854*est)

**Эстонские ученые открыли, что может защитить людей от сердечных заболеваний [Online resource]**

rus.postimees.ee 2022 "[Эстонские ученые открыли, что может защитить людей от сердечных заболеваний](#)"

**Эстонские ученые: торговые суда завозят в местные порты опасные бактерии [Online resource]**

Satsuta, Ivan rus.err.ee 2021 "[Эстонские ученые: торговые суда завозят в местные порты опасные бактерии 2](#)"