

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](#)

Amino acids are key substrates to Escherichia coli BW25113 for achieving high specific growth rate

Maser, Andres; Peebo, Karl; Vilu, Raivo; **Nahku, Ranno** Research in microbiology 2020 / p. 185–193
<https://doi.org/10.1016/j.resmic.2020.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of functional gene transcripts suggests active CO₂ 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](#)

Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum L.

Saar-Reismaa, Piret; Kotkas, Katrin; Rosenberg, Viive; **Kulp, Maria; Kuhtinskaja, Maria; Vaher, Merike** Foods 2020 / art. 1862
<https://doi.org/10.3390/foods9121862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of continuous culture methods to recombinant protein production in microorganisms

Peebo, Karl; Neubauer, Peter Microorganisms 2018 / 12 p <https://doi.org/10.3390/microorganisms6030056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of the UHPLC-DIA-HRMS method for determination of cheese peptides

Arju, Georg; Taivosalo, Anastassia; **Pismennõi, Dmitri; Lints, Taivo; Vilu, Raivo;** Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avoiding amino acid depletion in a complex medium results in improved Escherichia coli BW25113 growth

Maser, Andres; Peebo, Karl; Nahku, Ranno Microbiology 2019 / p. 37-46 : ill <https://doi.org/10.1099/mic.0.000742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum

Lakshmeesha, Thimappa Ramachandrappa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; **Gupta, Vijai Kumar** Frontiers in microbiology 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioreactivity, guttation and agents influencing surface tension of water emitted by actively growing indoor mould isolates

Andersson, Maria A.; Salo, Johanna; Kedves, Orsolya; Kredics, Laszlo; Druzhinina, Irina; **Kurnitski, Jarek;** Salonen, Heidi Microorganisms 2020 / art. 1940, 20 p <https://doi.org/10.3390/microorganisms8121940> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging : assessment of sustainability and environmental impact with a special focus on greenhouse gas emissions

Krauter, Victoria; Bauer, Anna-Sophia; Milousi, Maria; Dörnyei, Krisztina Rita; Ganczewski, Greg; **Leppik, Kärt;** Krepil, Jan; Varzakas, Theodoros Foods 2022 / art. 1347 <https://doi.org/10.3390/foods11091347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cereal and confectionary packaging: background, application and shelf-life Extension

Bauer, Anna-Sophia; **Leppik, Kärt;** Galic, Kata Foods 2022 / art. 697 <https://doi.org/10.3390/foods11050697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterisation of chemical, microbial and sensory profiles of commercial kombuchas

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjärv, Rain;** Malv, Esther; **Vaikma, Helen;** Kaleda, Aleksei; Kütt, Mary-Liis; **Vilu, Raivo** International journal of food microbiology 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combinational inhibitory action of hedychium spicatum L. essential oil and γ-radiation on growth rate and mycotoxins content of fusarium graminearum in maize: response surface methodology

Kalagatur, Naveen Kumar; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar;** Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#)

Competitive advantage and higher fitness in native populations of genetically structured planktonic diatoms

Sildever, Sirje; Sefbom, Josefin; **Lips, Inga**; Godhe, Anna Environmental microbiology 2016 / p. 4403-4411 : ill

<https://doi.org/10.1111/1462-2920.13372> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Composition of polysaccharides in hull-less barley sourdough bread and their impact on physical properties of bread

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **Bljahhina, Anastassia**; Kince, Tatjana;

Traksmaa, Anna; Klava, Dace Foods 2023 / art. 155 <https://doi.org/10.3390/foods12010155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; **Martverk, Kaie**; Rosenvald, Sirli; **Timberg, Loreida**; **Laos, Katrin** Foods 2021 / art. 511, 14 p

<https://doi.org/10.3390/foods10030511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A conundrum of r-protein stability : unbalanced stoichiometry of r-proteins during stationary phase in Escherichia coli

Reier, Kaspar; **Lahtvee, Petri-Jaan**; Liiv, Aivar; Remme, Jaanus mBio 2022 / art. e01873-22 : ill <https://doi.org/10.1128/mbio.01873-22>

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

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (Front. Microbiol., (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders Frontiers in

microbiology 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 / art. 102680

<https://doi.org/10.1016/j.anaerobe.2022.102680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of Candidatus Neoehrlichia mikurensis and Ehrlichia muris in Estonian ticks

Ivanova, Anna; Geller, Julia; Katargina, Olga; **Värv, Kairi**; Lundkvist, Åke; Golovljova, Irina Ticks and tick-borne diseases 2017 / p. 13-

17 : ill <https://doi.org/10.1016/j.ttbdis.2016.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of technological parameters and characterization of microbiota of the spontaneous sourdough fermentation of hull-less barley

Reidzane, Sanita; Kruma, Zanda; **Kazantseva, Jekaterina**; **Traksmaa, Anna**; Klava, Dace Foods 2021 / art. 2253 : ill

<https://doi.org/10.3390/foods10102253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of extraction method for determination of saponins in soybean-based yoghurt alternatives: effect of sample pH

Bljahhina, Anastassia; **Kuhtinskaja, Maria**; Kriščiunaite, Tiina Foods 2023 / art. 2164 <https://doi.org/10.3390/foods12112164> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of microbiome biobanks – challenges and opportunities

Ryan, M.J.; Schlöter, M.; Berg, G.; Kostic, T.; **Sarand, Inga** Trends in microbiology 2021 / p. 89-92

<https://doi.org/10.1016/j.tim.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Differences in gut microbiota between atopic and healthy children

Drell, Tiina; Larionova, Anneli; Voor, Tiia; **Simm, Jaak**; Julge, Kaja; Heilman, Kaire; Tillmann, Vallo; Štšepetova, Jelena; Sepp, Epp

Current Microbiology 2015 / p. 177-183 <https://doi.org/10.1007/s00284-015-0815-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of apple juice concentration on cider fermentation and properties of the final product

Rosend, Julia; **Kaleda, Aleksei**; **Kuldjärv, Rain**; **Arju, Georg**; **Nisamedtinov, Ildar** Foods 2020 / art. 1401, 12 p

<https://doi.org/10.3390/foods9101401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effects of agricultural practices on earthworm communities in Estonia

Sutri, Merit; **Ivask, Mari**; Kuu, Anneli; Escuer-Gatius, Jordi; Reintam, Endla; Shanskiy, Merrit European journal of soil biology 2024 /

art. 103662 <https://doi.org/10.1016/j.ejsobi.2024.103662> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endolichenic fungus, *Aspergillus quandricinctus* of *Usnea longissima* inhibits quorum sensing and biofilm formation of *Pseudomonas aeruginosa* PAO1

Prateeksha; Bajpai, Rajesh; Yusuf, Mohd Aslam; Upreti, Dalip Kumar; **Gupta, Vijai Kumar**; Singh, Brahma Nand Microbial pathogenesis 2020 / art. 103933, 9 p. : ill <https://doi.org/10.1016/j.micpath.2019.103933> [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, Kellye; **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](#)

Evaluation of microbial dynamics of kombucha consortia upon continuous backslopping in coffee and orange juice

Andreson, Maret; Kazantseva, Jekaterina; Malv, Esther; Kuldjärv, Rain; Priidik, Reimo; Kütt, Mary-Liis Foods 2023 / art. 3545 <https://doi.org/10.3390/foods12193545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1099/mic.0.000071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Food leftover practices among consumers in selected vountries in Europe, South and North America

Koppel, Kadri; Higa, Federica; Godwin, Sandra; **Timberg, Loreida** Foods 2016 / [14 p] <https://doi.org/10.3390/foods5030066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Front-face fluorimeter for the determination of cutting time of cheese curd

Lazouskaya, Maryna; Stulova, Irina; Sörmus, Aavo; **Scheler, Ott**; Tiisma, Kalle; Vinter, Toomas; Loov, Roman; Tamm, Martti Foods 2021 / art. 576, 13 p <https://doi.org/10.3390/foods10030576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of *I. ricinus*, *I. persulcatus* and *I. trianguliceps* species by multiplex PCR

Värv, Kairi; Ivanova, Anna; Geller, Julia; Remm, Jaanus; Jaik, Kertu; Tikunova, Nina; Rar, Vera; Lundkvist, Åke; Golovljova, Irina Ticks and tick-borne diseases 2017 / p. 235-240 : ill <https://doi.org/10.1016/j.ttbdis.2016.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Involvement of *Escherichia coli* YbeX/CorC in ribosomal metabolism

Sargül, İsmail; Žukova, Amata; Alparslan, Emel; Remm, Sille; **Pihlak, Margus**; Kaldalu, Niilo; Tenson, Tanel; Maiväli, Ülo Molecular Microbiology 2024 / p. 984 - 1001 <https://doi.org/2-s2.0-85188420785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Metatranscriptome analysis deciphers multifunctional genes and enzymes linked with the degradation of aromatic compounds and pesticides in the wheat rhizosphere

Singh, Dhananjaya P.; Prabha, Ratna; **Gupta, Vijai Kumar**; Verma, Mukesh K. Frontiers in microbiology 2018 / art. 1331, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods for studying microbial acid stress responses: from molecules to populations

Atasoy, M.; **Bartkova, Simona**; Cetecioglu-Gürol, Z.; Mira, N.; O'Byrne, C.; Perez-Rodriguez, F.; Possas, A.; **Scheler, Ott**; Sedlakova-Kadukova, J.; Sinčák, M.; **Steiger, M.**; Ziv, C.; Lund, P. A. FEMS microbiology reviews 2024 / art. fuae015, 41 p. : ill <https://doi.org/10.1093/femsre/fuae015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Microcalorimetric study of the growth of *Streptococcus thermophilus* in renneted milk

Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; **Adamberg, Kaarel**; Laht, Tiit-Maie; Vilu, Raivo Frontiers in microbiology

Mitigation of salinity stress in wheat seedlings due to the application of phytohormone-rich culture filtrate extract of methylothrophic actinobacterium *Nocardioide* sp. NIMMe6

Meena, Kamlesh K.; Bitla, Utkarsh M.; Sorty, Ajay M.; Singh, Dhananjaya P.; **Gupta, Vijai Kumar**; Wakchaure G.C.; Kumar, Satish *Frontiers in microbiology* 2020 / art. 2091, 16 p. : ill. <https://doi.org/10.3389/fmicb.2020.02091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New insights into the evolution of host specificity of three *Penicillium* species and the pathogenicity of *P. italicum* involving the infection of Valencia orange (*Citrus sinensis*)

Gong, Liang; Liu, Yongfeng; Xiong, Yehui; Li, Taotao; Yin, Chunxiao; Zhao, Juanni; Yu, Jialin; Yin, Qi; **Gupta, Vijai Kumar**; Jiang, Yueming *Virulence* 2020 / 20 p. : ill <https://doi.org/10.1080/21505594.2020.1773038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overcoming donor variability and risks associated with fecal microbiota transplants through bacteriophage-mediated treatments

Rasmussen, Torben Sølbeck; Mao, Xiaotian; Forster, Sarah; Larsen, Sabina Birgitte; Von Münchow, Alexandra; Tranæs, Kaare Dyekær; Brunse, Anders; Larsen, Frej; Mejia, Josue Leonardo Castro; **Adamberg, Signe**; Hansen, Axel Kornerup; **Adamberg, Kaarel**; Hansen, Camilla Hartmann Friis; Nielsen, Dennis *Microbiome* 2024 / art. 119 <https://doi.org/10.1186/s40168-024-01820-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoregulation in a Kleptochloroplastidic Dinoflagellate, *Dinophysis acuta*

Hansen, Per J.; **Ojamäe, Karin**; Berge, Terje; Trampe, Erik C. L.; Nielsen, Lasse T.; **Lips, Inga**; Köhl, Michael *Frontiers in microbiology* 2016 / art. 785, p. 1-11 : ill <https://doi.org/10.3389/fmicb.2016.00785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1099/mic.0.078089-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantitative analysis of oat (*Avena sativa* L.) and pea (*Pisum sativum* L.) saponins in plant-based food products by hydrophilic interaction liquid chromatography coupled with mass spectrometry

Blijhina, Anastassia; **Pismennõi, Dmitri**; Kriščiunaite, Tiina; **Kuhtinskaja, Maria**; Kobrin, Eeva-Gerda *Foods* 2023 / art. 991, 16 p. : ill <https://doi.org/10.3390/foods12050991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The quantitative measurement of peptidoglycan components obtained from acidic hydrolysis in gram-positive and gram-negative bacteria via hydrophilic interaction liquid chromatography coupled with mass spectrometry

Pismennõi, Dmitri; **Kattel, Anna**; Belouah, Isma; Nahku, Ranno; **Vilu, Raivo**; Kobrin, Eeva-Gerda *Microorganisms* 2023 / art. 2134, 13 p. : ill <https://doi.org/10.3390/microorganisms11092134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Smolander, Olli-Pekka; Deptula, 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](#)

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

Körge, Kristi; Šeme, Helena; Bajić, Marijan; Likozar, 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](#)

Revisiting the origins of the Sobemovirus genus: A case for ancient origins of plant viruses

Ghafari, Mahan; **Sómera, Merike**; **Sarmiento Guerin, Maria Cecilia**; Niehl, Annette; Hebrard, Eugénie; Tsoleridis, Theocharis; Ball, Jonathan; Moury, Benoit; Lemey, Philippe; Katourakis, Aris; Fargette, Denis *PLoS Pathogens* 2024 / art. e1011911 <https://doi.org/10.1371/journal.ppat.1011911> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Ripening of hard cheese produced from milk concentrated by reverse osmosis

Taivosalo, Anastassia; Kriščiunaite, Tiina; Stulova, Irina; Part, Natalja; **Rosend, Julia**; Sörmus, Aavo; **Vilu, Raivo** *Foods* 2019 / Art. nr. 165 <https://doi.org/10.3390/foods8050165> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scaffold of selenium nanovectors and honey phytochemicals for inhibition of pseudomonas aeruginosa quorum sensing and biofilm formation

Prateeksha; Singh, Braj R.; Shoeb, M.; Sharma, S.; Naqvi, A.H.; **Gupta, Vijai Kumar**; Singh, Brahma N. *Frontiers in cellular and infection microbiology* 2017 / art. 93, 14 p. : ill <https://doi.org/10.3389/fcimb.2017.00093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sedimentary Ancient DNA (sedaDNA) Reveals Fungal Diversity and Environmental Drivers of Community Changes throughout the Holocene in the Present Boreal Lake Lielais Svētīņu (Eastern Latvia)

Talas, Liisi; Stivrinš, Normunds; **Veski, Siim**; Tedersoo, Leho; Kisand, Veljo *Microorganisms* 2021 / art. 719, 21 p. : ill., map <https://doi.org/10.3390/microorganisms9040719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Short-term pectin-enriched smoothie consumption has beneficial effects on the gut microbiota of low-fiber consumers

Pihelgas, Susan; Ehala-Aleksejev, Kristel; Kuldjärv, Rain; Jõelet, Ann; Kazantseva, Jekaterina; **Adamberg, Kaarel** *FEMS Microbes* 2024 / art. xtae001 <https://doi.org/10.1093/femsmc/xtae001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatio-temporal interdependence of bacteria and phytoplankton during a Baltic Sea spring bloom

Bunse, Carina; Bertos-Fortis, Mireia; Sassenhagen, Ingrid; **Silvever, Sirje**; **Lips, Inga** *Frontiers in microbiology* 2016 / p. 1-10 : ill <https://doi.org/10.3389/fmicb.2016.00517> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated

Sõmera, Merike; Massart, Sebastien; Tamisier, Lucie; **Sooväli, Pille**; Sathees, Kanitha *Frontiers in microbiology* 2021 / art. 673218 <https://doi.org/10.3389/fmicb.2021.673218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techniques used for analyzing microplastics, antimicrobial resistance and microbial community composition : a mini-review

Bartkova, Simona; **Kahru, Anne**; **Heinlaan, Margit**; **Scheler, Ott** *Frontiers in microbiology* 2021 / art. 603967 <https://doi.org/10.3389/fmicb.2021.603967> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techno-functional and sensory characterization of commercial plant protein powders

Jakobson, Kadi; **Kaleda, Aleksei**; Adra, Karl; **Tammik, Mari-Liis**; Vaikma, Helen; Kriščiunaite, Tiina; **Vilu, Raivo** *Foods* 2023 / art. 2805 <https://doi.org/10.3390/foods12142805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The development of gut microbiota in critically ill extremely low birth weight infants assessed with 16S rRNA gene based sequencing

Drell, Tiina; Lutsar, Irja; Štšepetova, Jelena; Parm, Ülle; Metsvaht, Tuuli; Ilmoja, Mari-Liis; **Simm, Jaak**; Sepp, Epp *Gut Microbes* 2014 / p. 304-503 : ill <https://doi.org/10.4161/gmic.28849> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The stability of phenolic compounds in fruit, berry, and vegetable purees based on accelerated shelf-life testing methodology

Saarniit, Kärt; **Lang, Hanna**; **Kuldjärv, Rain**; **Laaksonen, Oskar**; **Rosenvald, Sirli** *Foods* 2023 / art. 1777 <https://doi.org/10.3390/foods12091777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tick-borne pathogens in ticks feeding on migratory passerines in western part of Estonia

Geller, Julia; **Nazarova, Lidia**; Katargina, Olga; Leivits, Agu; **Järvekülg, Lilian**; Golovljova, Irina *Vector-borne and zoonotic diseases* 2013 / p. 443-448 <https://doi.org/10.1089/vbz.2012.1054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ticks and tick-borne pathogens in popular recreational areas in Tallinn, Estonia : the underestimated risk of tick-borne diseases

Vikentjeva, Maria; Geller, Julia; **Bragina, Olga** *Microorganisms* 2024 / art. 1918 <https://doi.org/10.3390/microorganisms12091918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding How Microorganisms Respond to Acid pH Is Central to Their Control and Successful Exploitation

Lund, P.A.; De Biase, Daniela; Liran, Oded; **Scheler, Ott**; Mira, N.P.; Cetecioglu, Zeynep; Fernandez, E.N.; Bover-Cid, S.; Hall, R.; Sauer, M.; O'Byrne, Conor *Frontiers in microbiology* 2020 / art. 556140, 8 p. : ill <https://doi.org/10.3389/fmicb.2020.556140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilization of 15N-labelled yeast hydrolysate in Lactococcus lactis IL1403 culture indicates co-consumption of peptide-

bound and free amino acids with simultaneous efflux of free amino acids

Kevvai, Kaspar; Kütt, Mary-Liis; Nisamedtinov, Ildar; Paalme, Toomas Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 2014 / p. 511-522 : ill <https://doi.org/10.1007/s10482-013-0103-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water column microbial communities vary along salinity gradients in the Florida Coastal Everglades Wetlands

Laas, Peeter; Ugarelli, Kelly; Travieso, Rafael Microorganisms 2022 / art. 215 <https://doi.org/10.3390/microorganisms10020215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)