

**Absolute quantification of viable bacteria abundances in food by next-generation sequencing : quantitative NGS of viable microbes**

Kallastu, Aili; Malv, Esther; **Aro, Valter**; Meikas, Anne; Vendelin, Mariann; **Kattel, Anna**; Nahku, Ranno; Kazantseva, Jekaterina  
Current Research in Food Science 2023 / art. 100443 <https://doi.org/10.1016/j.crf.2023.100443> [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 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](#)

**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](#)

**Antifungal activity of medicinal mushrooms and optimization of submerged culture conditions for Schizophyllum commune (Agaricomycetes)**

Berikashvili, Violeta; Khardziani, Tamar; Kobakhidze, Aza; **Kulp, Maria; Kuhtinskaja, Maria; Lukk, Tiit**; Gargano, Maria; Venturella, Giuseppe; Kachlishvili, Eka; Metreveli, Eva; Elisashvili, Vladimir; Asatiani, Mikheil International journal of medicinal mushrooms 2023 / p. 1-21  
<https://doi.org/10.1615/IntJMedMushrooms.2023049836> [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](#)

**Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3)**

Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; **Uusküla-Reimand, Liis** Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577  
<https://doi.org/10.1038/s41587-022-01554-1> [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 Ramachandrapa; 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](#)

**Bioprospecting microalgae from natural algal bloom for sustainable biomass and biodiesel production**

Pandey, Manish K.; Dasgupta, Chitralekha Nag; Mishra, Shashank; Srivastava, Manish; **Gupta, Vijai Kumar**; Suseela, M.R.; Ramteke, Pramod Wasudeo Applied Microbiology and Biotechnology 2019 / p. 5447 - 5458  
<https://doi.org/10.1007/s00253-019-09856-2> [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](#)

### **Borrelia burgdorferi sensu lato prevalence in tick populations in Estonia**

**Geller, Julia; Nazarova, Lidia;** Katargina, Olga; Golovljova, Irina Parasites and vectors 2013 / p. 1-10 : ill <https://doi.org/10.1186/1756-3305-6-202> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **C/N ratio and carbon source-dependent lipid production profiling in Rhodotorula toruloides**

**Lopes, Helberth Júnior Santos; Bonturi, Nemailla;** Kerkhoven, Eduard Johannes; Miranda, Everson Alves; **Lahtvee, Petri-Jaan** Applied Microbiology and Biotechnology 2020 / p. 2639 - 2649 <https://doi.org/10.1007/s00253-020-10386-5> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Case-Control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with meningioma**

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart BioMed research international 2018 / 6 p. : ill <https://doi.org/10.1155/2018/5912394> [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; **Kuldjäär, 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](#)

### **Characterization of the complete genome of oat sterile dwarf virus : a fijivirus occurring in the temperate climate zone of Europe**

**Oja, Tatjana;** Soooväli, Pille; Sömera, Merike Archives of virology 2023 / art. 259 <https://doi.org/10.1007/s00705-023-05890-8> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Cocksfoot mottle virus coat protein is dispensable for the systemic infection**

**Olsper, Allan; Kamsol, Kristjan; Sarmiento Guerin, Maria Cecilia; Gerassimenko, Jelena; Truve, Erkki** Virology journal 2014 / art. 19, 10 p. : ill <https://doi.org/10.1186/1743-422X-11-19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combinational inhibitory action of hedychium spicatum L. essential oil and $\gamma$ -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](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of sulfate-reducing and conventional Anammox upflow anaerobic sludge blanket reactors**

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Vabamäe, Priit; Kroon, Kristel; Saluste, Alar; Tenno, Taavo; Menert, Anne; Rubin, Sergio S.C. Journal of bioscience and bioengineering 2014 / p. 426-433 : ill <https://doi.org/10.1016/j.jbiosc.2014.03.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Sildever, Sirje;** Sefbom, Josefín; **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](#)

### **Complete nucleotide sequence of Solanum nodiflorum mottle virus**

**Sömera, Merike;** Truve, Erkki Archives of virology 2017 / p. 1731-1736 : ill <https://doi.org/10.1007/s00705-017-3273-9> [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; **Bljähina, Anastassia;** Kince, Tatjana; **Traksmäa, 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](#)

**Construction of gender-specific regression models for aortic length estimation based on computed tomography images**  
Zemtsovskaja, Galina; Pilt, Kristjan; Samarin, Andrei; Albina, Jelena; Meigas, Kalju; Viigimaa, Margus Health and technology  
2020 / p. 679–687 : ill <https://doi.org/10.1007/s12553-019-00391-8> [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](#)

**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 <https://doi.org/10.1007/s00253-014-5613-y> [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](#)

**Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome**  
Tamberg, Laura; Jaago, Mariliis; Säälük, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Kiir, Carl Alexander;  
Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis; Palgi, Mari Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill  
<https://doi.org/10.1242/dmm.042747> [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; Jõers, 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; Värvi, 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; Traksmäa, 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.; Schloter, 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](#)

**Dissolution of silver nanowires and nanospheres dictates their toxicity to escherichia coli**  
Visnapuu, Meeri; Joost, Urmas; Juganson, Katre; Künnis-Beres, Kai; Kahru, Anne; Kisand, Vambola; Ivask, Angela BioMed  
Research International 2013 / art. 819252 <https://doi.org/10.1155/2013/819252> [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](#)

**Effect of  $\beta$ -casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening**  
Xia, Xiaofeng; Arju, Georg; Taivosalo, Anastassia; Lints, Taivo; Kriščiunaite, Tiina; Vilu, Raivo; Corrigan, Bernard M.; Gai, Nan;  
Fenelon, Mark A.; Tobin, John T.; Kilcawley, Kieran; Kelly, Alan L.; McSweeney, Paul L. H.; Sheehan, Jeremiah J. International dairy

journal 2023 / art. 105540, 13 p. : ill <https://doi.org/10.1016/j.idairyj.2022.105540> [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](#)

**Engineered microbial host selection for value-added bioproducts from lignocellulose**

Paula, Renato Graciano de; Antoniêto, Amanda Cristina Campos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107347, 18 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.02.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enhanced expression of human prostaglandin H synthase-2 in the yeast *Pichia pastoris* and removal of the C-terminal tag with bovine carboxypeptidase A**

**Kukk, Kaia; Samel, Nigulas** Journal of biotechnology 2016 / p. 224-231 : ill <https://doi.org/10.1016/j.jbiotec.2016.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enrichment of *Plasticicumulans acidivorans* at pilot-scale for PHA production on industrial wastewater**

Tamis, Jelmer; **Lužkov, Kätlin**; Jiang, Yang; Loosdrecht, Mark C.M. van; Kleerebezem, Robbert Journal of biotechnology 2014 / p. 61-169 : ill <https://doi.org/10.1016/j.jbiotec.2014.10.022> [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](#)

**Estimating microplastics related to laundry wash and personal care products released to wastewater in major Estonian cities: a comparison of calculated and measured microplastics**

**Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Kõrgmaa, Vallo; Mishra, Arun; Lind, Kati** Journal of environmental health science and engineering 2023 / p. 225-237 <https://doi.org/10.1007/s40201-023-00856-z> [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](#)

**Evaluation of the microbial community in industrial rye sourdough upon continuous back-slopping propagation revealed *Lactobacillus helveticus* as the dominant species**

**Viiard, Ene; Mihhalevski, Anna; Rühka, Tiina; Paalme, Toomas; Sarand, Inga** Journal of applied microbiology 2013 / p. 404-412 : ill <https://doi.org/10.1111/jam.12045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evolutionary origin of the P2X7 C-ter region : capture of an ancient ballast domain by a P2X4-Like gene in ancient jawed vertebrates**

**Rump, Airi; Smolander, Olli-Pekka; Rütel Boudinot, Sirje**; Kanellopoulos, Jean; Boudinot, Pierre Frontiers in immunology 2020 / art. 113, 15 p. : ill <https://doi.org/10.3389/fimmu.2020.00113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fermentation of reconstituted milk by *Streptococcus thermophilus* : effect of irradiation on skim milk powder**

**Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; Taivosalo, Anastassia; Laht, Tiiu-Maie; Vilu, Raivo** International dairy journal 2013 / p. 139-149 : ill <https://doi.org/10.1016/j.idairyj.2013.02.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**First report of Hosta virus X infecting hosta plants in Ukraine**

Shchetynina, A.; Budzaniwska, I.; Pereboychuk, O.; **Sõmera, Merike; Truve, Erkki** Acta virologica 2017 / p. 498-499 [https://doi.org/10.4149/av\\_2017\\_415](https://doi.org/10.4149/av_2017_415) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Food leftover practices among consumers in selected countries 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; Sõrmus, Aavo; **Scheler, Ott**; Tiisma, Kalle; Vinter, Toomas; Loov, Roman; Tamm, Martti Foods

**The genome organization of lucerne transient streak and turnip rosette sobemoviruses revisited**

**Sõmera, Merike; Truve, Erkki** Archives of virology 2013 / p. 673-678 : ill <https://doi.org/10.1007/s00705-012-1519-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs**

Kuznetsova, Tatiana; Ivanova-Pozdejeva, Anna; Reshetnjak, Irina; Geller, Julia; **Värv, Kairi**; Rumvolt, Reet; Vikentjeva, Maria; Trubnikova, Elena V.; Pozdniakova, Natalia V.; Shevelev, Alexei B.; Golovljova, Irina Journal of Clinical Virology 2018 / p. 5-10 <https://doi.org/10.1016/j.jcv.2018.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4**

**Paalme, Viiu; Rump, Airi; Mädo, Kati; Teras, Marina**; Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri; Rüütel Boudinot, Sirje** Frontiers in immunology 2019 / art. 2074, 15 p. : ill <https://doi.org/10.3389/fimmu.2019.02074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Human picornaviruses associated with neurological diseases and their neutralization by antibodies**

Anastasina, Maria; Domanska, Aušra; **Palm, Kaia**; Butcher, Sarah Journal of general virology 2017 / p. 1145-1158 : ill <https://doi.org/10.1099/jgv.0.000780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ICTV Virus Taxonomy Profile : Solemoviridae 2021**

**Sõmera, Merike**; Fargette, Denis; Hebrard, Eugenie; **Sarmiento Guerin, Maria Cecilia** Journal of General Virology 2021 / art. 001707 <https://doi.org/10.1099/jgv.0.001707> [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](#)

**Immunodetection of Streptococcus uberis pathogen in raw milk**

Mihklepp, Kaisa; **Kivirand, Kairi**; Juronen, Delia; **Lõokene, Aivar**; Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enzmictec.2019.109360> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Indoor Trichoderma strains emitting peptaibols in guttation droplets**

Castagnoli, Emmanuelle; Marik, Tamas; Mikkola, Raimo; Kredics, Laszlo; Andersson, Maria A.; Salonen, Heidi; **Kurnitski, Jarek** Journal of applied microbiology 2018 / p. 1408-1422 <https://doi.org/10.1111/jam.13920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Intronic enhancer region governs transcript-specific Bdnf expression in rodent neurons**

**Tuvikene, Jürgen; Esvald, Eli-Eelika; Rähni, Annika; Uustalu, Kaie**; Zhuravskaya, Anna; **Avarlaid, Annela**; Makeyev, Eugene V.; **Timmusk, Tõnis** eLife 2021 / art. e65161 <https://doi.org/10.7554/eLife.65161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production**

Al-Battashi, Huda Sultan; Annamalai, Neelamegam; Sivakumar, Nallusamy; **Gupta, Vijai Kumar** Reviews in Environmental Science and Biotechnology 2019 / p. 183-205 : ill <https://doi.org/10.1007/s11157-018-09488-4> [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**; 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](#)

**Melinacidin-producing Acrostalagmus luteoalbus, a major constituent of mixed mycobiota contaminating insulation material in an outdoor wall**

Andersson, Maria A.; Salo, Johanna; Mikkola, Raimo; Marik, Tamas; Kredics, Laszlo; **Kurnitski, Jarek**; Salonen, Heidi Pathogens 2021 / art. 843 <https://doi.org/10.3390/pathogens10070843> [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%2Ffmicb.2018.01331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

### **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 interconnectedness throughout environments with major consequences for healthy people and a healthy planet**

Sessitsch, Angela; Wakelin, Steve; Schloter, Michael; Maguin, Emmanuelle; Cernava, Tomislav; Champomier-Verges, Marie-Christine; Charles, Trevor C.; Cotter, Paul D.; Ferrocino, Ilario; Kriaa, Aicha; Lebre, Pedro; Cowan, Don; Lange, Lene; Kiran, Seghal; Markiewicz, Lidia; Meisner, Annelein; Olivares, Marta; **Sarand, Inga**; Schelkle, Bettina; Selvin, Joseph; Smidt, Hauke; van Overbeek, Leo; Berg, Gabriele; Cocolin, Luca; Sanz, Yolanda; Fernandes, Wilson Lemos; Liu, S. J.; Ryan, Matthew; Singh, Brajesh; Kostic, Tanja Microbiology and molecular biology reviews 2023 <https://doi.org/10.1128/membr.00212-22> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kõiv, Viia; **Adamberg, Kaarel**; **Adamberg, Signe**; Sumeri, Ingrid; Kasvandik, Sergio; 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 <https://doi.org/10.3389/fmicb.2015.00079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mitigation of salinity stress in wheat seedlings due to the application of phytohormone-rich culture filtrate extract of methylotrophic actinobacterium Nocardioides 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](#)

### **Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs**

**Liang, Yan**; Bernardo, Joseph; Goldman, Daniel; **Nölvak, Jaak**; Tang, Peng; Wang, Wenhui; **Hints, Olle** Proceedings of the Royal Society B: Biological Sciences 2019 / art. 20191270, 8 p. : ill <https://doi.org/10.1098/rspb.2019.1270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multiple mechanisms repress N-Bak mRNA translation in the healthy and apoptotic neurons**

Jakobson, Madis; Jakobson, Maili; Llano, Olaya; **Palgi, Jaan**; Arumäe, Urmas Cell Death and Disease 2013 / art. e777 <https://doi.org/10.1038/cddis.2013.297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach**

Srivastava, Neha; Srivastava, Manish; Malhotra, Bansi D.; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107384, 13 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (Ribes uva-crispa L.) extracted using green techniques (UAE-citric acid-mediated extraction)**

Hussain, Shehzad; Sharma, Minaxi; **Jarg, Tatsiana**; **Aav, Riina**; Bhat, Rajeev Current research in food science 2023 / art. 100629 <https://doi.org/10.1016/j.crf.2023.100629> [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](#)

### **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 <https://doi.org/10.1007/s00253-014-5641-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Observed and dark diversity dynamics over millennial time scales : fast life-history traits linked to expansion lags of plants in northern Europe**

Trindade, Diego P.F.; Carmona, Carlos P.; **Reitalu, Triin**; Pärtel, Meelis Proceedings of the Royal Society B: Biological Sciences 2023 / art. 20221904, 10 p. : ill <https://doi.org/10.1098/rspb.2022.1904> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**P1-independent replication and local movement of Rice yellow mottle virus in host and non-host plant species**

Nummert, Grete; Sömera, Merike; Uffert, Gabriela; Abner, Erik; Truve, Erkki *Virology* 2017 / p. 28-32 : ill

<https://doi.org/10.1016/j.virol.2016.12.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Penicillium expansum strain isolated from indoor building material was able to grow on gypsum board and emitted pectin droplets containing chaetoglobosins and communesins A, B and D**

Salo, Johanna; Marik, Tamas; Mikkola, M.; Kurnitski, Jarek *Journal of applied microbiology* 2019 / p. 1135-1147 : ill

<https://doi.org/10.1111/jam.14369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Personal control of privacy and data : Estonian experience**

Priisalu, Jaan; Ottis, Rain *Health and technology* 2017 / p. 441-451 <https://doi.org/10.1007/s12553-017-0195-1> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Phi 6 bacteriophage inactivation by metal salts, metal powders, and metal surfaces**

Molan, Katja; Rahmani Ahranjani, Ramin; Krklec, Daniel; Brojan, Miha; Stopar, David *Viruses* 2022 / art. 204

<https://doi.org/10.3390/v14020204> [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; Kühl, 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](#)

**Potassium and sodium salt stress characterization in the yeasts *Saccharomyces cerevisiae*, *Kluyveromyces marxianus*, and *Rhodotorula toruloides***

Illarionov, Aleksandr; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- *Applied and Environmental Microbiology* 2021 / art. e03100-20

<https://doi.org/10.1128/AEM.03100-20> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Production of a recombinant swollenin from *Trichoderma harzianum* in *Escherichia coli* and its potential synergistic role in biomass degradation**

Santos, Clelton A.; Ferreira-Filho, Jaire A.; O'Donovan, Anthonia; Gupta, Vijai Kumar; Tuohy, Maria G.; Souza, Anete P. *Microbial cell factories* 2017 / art. 83, 11 p. : ill

<https://doi.org/10.1186/s12934-017-0697-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Propensity of a picornavirus polymerase to slip on potyvirus-derived transcriptional slippage sites**

Stewart, Hazel; Olsper, Allan; Butt, Benjamin G.; Firth, Andrew E. *Journal of general virology* 2019 / p. 199-205 : ill

<https://doi.org/10.1099/jgv.0.001189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

**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](#)

**Protocol for the preparation of primary amine-containing catalysts on the resin**

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis *STAR protocols* 2024 / art. 102933, 26 p. : ill

<https://doi.org/10.1016/j.xpro.2024.102933> [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](#)

**R4 regulators of G protein signaling (RGS) identify an ancient MHC-linked synteny group**

Suurväli, Jaanus; Robert, Jacques; Boudinot, Pierre; Rüütel Boudinot, Sirje *Immunogenetics* 2013 / p. 145-156 : ill

<https://doi.org/10.1007/s00251-012-0661-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**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; 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](#)

**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; Golovjova, 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](#)

**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](#)

**Role of two sequence motifs of mesencephalic astrocyte-derived neurotrophic factor in its survival-promoting activity**  
Mätlik, Kert; Yu, Li-Ying; Eesmaa, Ave; **Arumäe, Urmas** *Cell death & disease* 2015 / art. e2032, p. 1-8 : ill  
<https://doi.org/10.1038/cddis.2015.371> [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; Stivrīnš, 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](#)

**Sequencing and biological characterization of historical cynosurus mottle virus isolates from Germany**  
**Frei, Martin;** Sarmiento Guerin, Maria Cecilia; Kärblane, Kairi; Niehl, Annette; **Sömera, Merike** *Archives of virology* 2023 / art. 265 <https://doi.org/10.1007/s00705-023-05893-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sex-dependent expression levels of VAV1 and P2X7 in PBMC of Multiple Sclerosis patients**  
**Rump, Airi;** Ratas, Kristel; Lepasepp, Tuuli Katarina; Suurväli, Jaanus; **Smolander, Olli-Pekka;** **Grossi-Paju, Katrin;** Toomsoo, Toomas; Kanellopoulos, Jean M.; **Rüütel Boudinot, Sirje** *Scandinavian journal of immunology* 2023 / art. e13283, 15 p. : ill  
<https://doi.org/10.1111/sji.13283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Single-cell model of prokaryotic cell cycle**  
**Abner, Kristo;** Aaviksaar, Tõnis; **Adamberg, Kaarel;** **Vilu, Raivo** *Journal of theoretical biology* 2014 / p. 78-87 : ill  
<https://doi.org/10.1016/j.jtbi.2013.09.035> [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](#)

**Spectral asymmetry and Higuchi's fractal dimension measures of depression electroencephalogram**  
**Bachmann, Maie;** **Lass, Jaanus;** **Suhhova, Anna;** **Hinrikus, Hiie** *Computational and Mathematical Methods in Medicine* 2013 / art. 251638 <https://doi.org/10.1155/2013/251638> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Structural and functional features of the P2X4 receptor : an immunological perspective**  
Kanellopoulos, Jean M.; Almeida-da-Silva, Cassio Luiz Coutinho; **Rüütel Boudinot, Sirje;** Ojcius, David M. *Frontiers in immunology* 2021 / art. 645834, 21 p. : ill <https://doi.org/10.3389/fimmu.2021.645834> [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 glycine arginine-rich domain of the RNA-binding protein nucleolin regulates its subcellular localization**

Doron-Mandel, Ella; Koppel, Indrek; Abraham, Ofri; Rishal, Ida The EMBO Journal 2021 / art. e107158

<https://doi.org/10.15252/embj.2020107158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The proto-MHC of placozoans, a region specialized in cellular stress and ubiquitination/proteasome pathways**

Suurväli, Jaanus; Jouneau, Luc; Rüütel Boudinot, Sirje The journal of immunology 2014 / p. 2891-2901 : ill

<https://doi.org/10.4049/jimmunol.1401177> [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, Sirlu 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](#)

**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](#)

**Unlocking the secrets of peptide transport in wine yeast: insights into oligopeptide transporter functions and nitrogen source preferences**

Berg, Hidde Yael; Arju, Georg; Becerra-Rodriguez, Carmen; Galeote, Virginie; Nisamedtinov, Ildar Applied and environmental

microbiology 2023 / art. e0114123 <https://doi.org/10.1128/aem.01141-23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Uptake and accumulation of B-group vitamins in Saccharomyces cerevisiae in ethanol-stat fed-batch culture**

Paalme, Toomas; Kevvai, Kaspar; Vilbaste, K.; Hälvin, Kristel; Nisamedtinov, Ildar World journal of microbiology and

biotechnology 2014 / p. 2351-2359 : ill <https://doi.org/10.1007/s11274-014-1660-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Use of PCR-denaturing gradient gel electrophoresis for the discrimination of Candida species isolated from natural habitats**

El-Latif Hesham, Abd; Gupta, Vijai Kumar; Singh, Bhim Pratap Microbial Pathogenesis 2018 / p. 19-22

<https://doi.org/10.1016/j.micpath.2018.04.027> [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](#)

**Valorization of fruits and vegetable wastes and by-products to produce natural pigments**

Sharma, Minaxi; **Usmani, Zeba; Gupta, Vijai Kumar**; Bhat, Rajeev Critical Reviews in Biotechnology 2021 / p. 535-563 : ill <https://doi.org/10.1080/07388551.2021.1873240> [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](#)