

Concepts and criteria defining emerging microbiome applications

Kostic, Tanja; Schloter, Michael; Arruda, Paulo; Berg, Gabriele; Charles, Trevor C.; Cotter, Paul D.; Kiran, George Seghal; Lange, Lene; Maguin, Emmanuelle; Meisner, Annelein; van Overbeek, Leo; Sanz, Yolanda; **Sarand, Inga**; Selvin, Joseph; Tsakalidou, Effie; Smidt, Hauke; Wagner, Martin; Sessitsch, Angela Microbial biotechnology 2024 / art. e14550, 11 p. : ill <https://doi.org/10.1111/1751-7915.14550> [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](#)

Dietary intervention study conducted with fiber rich functional and sustainable smoothie made using leftover apple pomace from apple cider industry

Kuldjärv, Rain; Jagomäe, Annika; Kiiker, Liisa; Jöeleht, Ann; Pihelgas, Susan 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Drastic effects on the microbiome of a young rower engaged in high-endurance exercise after a month usage of a dietary fiber supplement

Jaago, Mariliis; Timmusk, Uku Siim; **Timmusk, Tõnis; Palm, Kaia** Frontiers in Nutrition 2021 / art. #654008, 11 p. : ill
<https://doi.org/10.3389/fnut.2021.654008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Insights on engineered microbes in sustainable agriculture : biotechnological developments and future prospects

Sudheer, Surya; Bai, Renu Geetha; **Usmani, Zeba**; Sharma, Minaxi Current Genomics 2020 / p. 321-333
<https://doi.org/10.2174/1389202921999200603165934> [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; Viiaard, 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](#)

Metadata harmonization-standards are the key for a better usage of omics data for integrative microbiome analysis

Cernava, Tomislav; Rybakova, Daria; Buscot, Francois; Clavel, Thomas; McHardy, Alice Carolyn; Meyer, Fernando; Meyer, Folker; Overmann, Jörg; Stecher, Bärbel; **Sarand, Inga** Environmental Microbiome 2022 / art. 33 <https://doi.org/10.1186/s40793-022-00425-1>

Metaproteomics reveals parallel utilization of colonic mucin glycans and dietary fibers by the human gut microbiota

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Chunsheng; **Adamberg, Signe**; Hansson, Gunnar C.; **Adamberg, Kaarel; Arike, Liisa** Iscience 2024 / art. 110093 <https://doi.org/10.1016/j.isci.2024.110093> [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; **Tenson, Tanel** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 33
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

The need for an integrated multi-OMICs approach in microbiome science in the food system

Ferrocino, Ilario; Rantsiou, Kalliopi; McClure, Ryan; Kostic, Tanja; Correa de Souza, Rafael Soares; Lange, Lene; FitzGerald, Jamie; Kriaa, Aicha; **Sarand, Inga** Comprehensive Reviews in Food Science and Food Safety 2023 / p. 1082-1103
<https://doi.org/10.1111/1541-4337.13103>

Reproducible chemostat cultures to minimize eukaryotic viruses from fecal transplant material

Adamberg, Signe; Rasmussen, Torben Sølbeck; Larsen, Sabina Brigitte; **Mao, Xiaotian**; Nielsen, Dennis Sandris; **Adamberg, Kaarel** Iscience 2024 / art. 110460 <https://doi.org/10.1016/j.isci.2024.110460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The seagrass holobiont and its microbiome

Ugarelli, Kelly; Chakrabarti, Seemanti; **Laas, Peeter**; Stingl, Ulrich Microorganisms 2017 / art. 81, 28 p. : ill
<https://doi.org/10.3390/microorganisms5040081>

Trichoderma : biodiversity, ecological significances, and industrial application

Sharma, Sushma; Kour, Divjot; Rana, Kusam Lata; **Sudheer, Surya** Recent advancement in white biotechnology through fungi. Volume 1. Diversity and enzymes perspectives 2019 / p. 85-120 https://doi.org/10.1007/978-3-030-10480-1_3