

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.crfs.2023.100443> [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

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

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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)

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

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

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Concepts and criteria defining emerging microbiome applications

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Construction of gender-specific regression models for aortic length estimation based on computed tomography images

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Coordinated activation of PTA-ACS and TCA cycles strongly reduces overflow metabolism of acetate in Escherichia coli

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Effect of β -casein reduction and high heat treatment of micellar casein concentrate on proteolysis, texture and the volatile profile of resultant Emmental cheese during ripening

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Engineered microbial host selection for value-added bioproducts from lignocellulose

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Evaluation of enzyme-constrained genome-scale model through metabolic engineering of anaerobic co-production of 2,3-butanediol and glycerol by *Saccharomyces cerevisiae*

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Indoor *Trichoderma* strains emitting peptaibols in guttation droplets

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

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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)

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

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

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

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

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

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