

**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; Jõers, Arvi; Nahku, Ranno; Belouah, Isma *MicrobiologyOpen* 2024 / art. e1430 <https://doi.org/10.1002/mbo3.1430>

**Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in *Rhodotorula toruloides***

**Rekena, Alina;** Pinheiro, Marina J.; **Bonturi, Nemailla; Belouah, Isma;** Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** *PLoS computational biology* 2023 / art. e1011009 <https://doi.org/10.1371/journal.pcbi.1011009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast *Rhodotorula toruloides***

**Rekena, Alina;** Pinheiro, Marina J.; **Bonturi, Nemailla; Belouah, Isma;** Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 47-48 [https://efbiotechnology.org/images/uploads/PYFF8\\_Abstract\\_book.pdf](https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf)

**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](#)

**Quantitative systems biology analysis of lipid-producing yeast *Rhodotorula toruloides* cultivation**

**Rekena, Alina;** Pinheiro, Marina Julio; **Pals, Kristjan; Belouah, Isma; Bonturi, Nemailla; Gavrilovic, Srdjan;** Kerkhoven, Eduard Johannes; **Lahtvee, Petri-Jaan** *FEBS3+ Baltics : Biochemistry at the Fore Line : Abstract Book 2025* / p. 69 [FEBS3+ Abstract Book \(PDF\)](#)