

Degradation of fructans and production of propionic acid by *Bacteroides thetaiotaomicron* are enhanced by the shortage of amino acids

Adamberg, Signe; Tomson, Katrin; Vija, Heiki; **Puurand, Marju;** Kabanova, Natalja; Visnapuu, Triinu; Jõgi, Eerik; Alamäe, Tiina; **Adamberg, Kaarel** *Frontiers in nutrition* 2014 / p. 1-9 : ill

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](#)

Evaluating the effect of different fibers on a simplified gut microbiota

Aro, Valter; **Kattel, Anna;** **Nahku, Ranno;** Viirard, Ene; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 19
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

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

Gut bacteria co-culture in vitro studies

Aro, Valter; **Kattel, Anna;** Morell, Indrek; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 18
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Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures

Friedenthal, Margus; **Eha, Kairit;** Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** *SN Applied Sciences* 2020 / art. 243, 6 p. : ill
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The composition and metabolism of faecal microbiota is specifically modulated by different dietary polysaccharides and mucin : an isothermal microcalorimetry study

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