

Co-culture process development using individual substrates

Kattel, Anna; Morell, Indrek; **Aro, Valter**; **Nahku, Ranno**; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 28

The design of unit cells by combining the self-reproduction systems and metabolic cushioning loads

Abner, Kristo; Šverns, Peter; **Arold, Janar**; **Lints, Taivo**; **Eller, Neeme-Andreas**; **Morell, Indrek**; **Seiman, Andrus**; **Adamberg, Kaarel**; **Vilu, Raivo** Communications biology 2025 / art. 241 <https://doi.org/10.1038/s42003-025-07655-2>

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](#)

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 https://ftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Metabolic pathways of human microbiota co-utilization of fibres and colonic mucins : [manuscript]

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Cunsheng; **Adamberg, Signe**; Hansson, Gunnar C.; **Adamberg, Kaarel**; Arike, Liisa 2023

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

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Self-reproduction and doubling time limits of different cellular subsystems

Abner, Kristo; Šverns, Peter; **Arold, Janar**; **Morell, Indrek**; **Lints, Taivo**; **Medri, Sander**; **Seiman, Andrus**; **Adamberg, Kaarel**; **Vilu, Raivo** npj systems biology and applications 2023 / art. 44, 10 p. : ill <https://doi.org/10.1038/s41540-023-00306-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Starter culture growth dynamics and sensory properties of fermented oat drink

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Structural and catalytic insights into the algal prostaglandin H synthase reveal atypical features of the first non-animal cyclooxygenase

Varvas, Külliki; **Kasvandik, Sergio**; **Hansen, Kristella**; **Järving, Ivar**; **Morell, Indrek**; **Samel, Nigulas** Biochimica et biophysica acta : molecular and cell biology of lipids 2013 / p. 863-871 : ill <https://doi.org/10.1016/j.bbalip.2012.11.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)