

**Co-metabolism of mucins and dietary fibres by gut microbiota = Mutsiinide ja kiudainete kometabolism soolestiku mikrobioota poolt**

Raba, Grete 2023 <https://doi.org/10.23658/taltech.11/2023> <https://digikogu.taltech.ee/et/Item/37ec835d-31e6-4779-97c5-f5c65d0dbe48>  
[https://www.ester.ee/record=b5552661\\*est](https://www.ester.ee/record=b5552661*est)

**Comparison and applications of label-free absolute proteome quantification methods on Escherichia coli**

Arike, Liisa; Valgepea, Kaspar; Peil, Lauri; Nahku, Ranno; Adamberg, Kaarel; Vilu, Raivo Journal of proteomics 2012 / p. 5437-5448 : ill <https://pubmed.ncbi.nlm.nih.gov/22771841/>

**Dynamic single fermenter model for study of survival and growth of probiotics in human upper gastrointestinal tract**

Sumeri, Ingrid; Arike, Liisa; Adamberg, Signe; Adamberg, Kaarel; Liidemann, G.; Stekolštšikova, Jelena; Laht, Tiiu-Maie; Paalme, Toomas Book of abstracts : Gut Microbiology : Research to Improve Health, Immune Response and Nutrition : Aberdeen, Scotland, 21-23 June 2006 2006 / ? p

**A dynamic single fermenter model of human upper gastrointestinal tract for study of probiotics**

Sumeri, Ingrid; Arike, Liisa; Adamberg, Signe; Adamberg, Kaarel; Laht, Tiiu-Maie; Paalme, Toomas Proceedings of European Conference on Probiotics and their Applications : EUPROBIO 2005 : October 6-8, Krakow 2005 / p. 32  
<https://pubmed.ncbi.nlm.nih.gov/15808363/>

**Effect of stress pretreatment on survival of probiotic bacteria in gastrointestinal tract simulator**

Sumeri, Ingrid; Arike, Liisa; Stekolštšikova, Jelena; Uusna, Riin; Adamberg, Signe; Adamberg, Kaarel; Paalme, Toomas Applied microbiology and biotechnology 2010 / 6, p. 1925-1931 : ill <https://pubmed.ncbi.nlm.nih.gov/20107984/>

**Identification and relative quantification of proteins in Escherichia coli proteome by “up-front” collision-induced dissociation**

Arike, Liisa; Nahku, Ranno; Borissova, Maria; Adamberg, Kaarel; Vilu, Raivo European journal of mass spectrometry 2010 / 2, p. 227-235 <https://pubmed.ncbi.nlm.nih.gov/20212332/>

**Identification and relative quantification of proteins in Escheria coli proteome using up-front CID**

Arike, Liisa NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 75

**Metabolic changes underlying the higher accumulation of glutathione in saccharomyces cerevisiae mutants**

Orumets, Kerti; Nisamedtinov, Ildar; Kevvai, Kaspar; Arike, Liisa; Sarand, Inga; Korhola, Matti; Paalme, Toomas Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 112

**Metabolic changes underlying the higher accumulation of glutathione in Saccharomyces cerevisiae mutants**

Nisamedtinov, Ildar; Kewvai, Kaspar; Orumets, Kerti; Arike, Liisa; Sarand, Inga; Korhola, Matti; Paalme, Toomas Applied microbiology and biotechnology 2011 / 4, p. 1029-1037 : ill <https://pubmed.ncbi.nlm.nih.gov/21052993/>

**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

**Multi-omics approach to study the growth efficiency and amino acid metabolism in Lactococcus lactis at various specific growth rates**

Lahtvee, Petri-Jaan; Adamberg, Kaarel; Arike, Liisa; Nahku, Ranno; Aller, Kadri; Vilu, Raivo Microbial cell factories 2011 / Article no. 12

**Protein turnover forms one of the highest maintenance costs in Lactococcus lactis**

Lahtvee, Petri-Jaan; Seiman, Andrus; Arike, Liisa; Adamberg, Kaarel; Vilu, Raivo Microbiology 2014 / p.1501-1512 : ill

**Quantitative proteomics of Escherichia coli : from relative to absolute scale = Kvantitatiivne Escherichia coli proteoomika : relatiivsetest numbritest absoluutsete kogusteni**

Arike, Liisa 2012 [http://www.ester.ee/record=b2931221\\*est](http://www.ester.ee/record=b2931221*est)

**Single bioreactor gastrointestinal tract simulator for study of survival of probiotic bacteria**

Sumeri, Ingrid; Arike, Liisa; Adamberg, Kaarel; Paalme, Toomas Applied microbiology and biotechnology 2008 / 2, p. 317-324

**Sobemovirus RNA linked to VPG over a threonine residue**

Olsper, Allan; Arike, Liisa; Peil, Lauri; Truve, Erkki FEBS letters 2011 / p. 2979-2985 : ill <https://pubmed.ncbi.nlm.nih.gov/21855544/>

**Systems biology approach reveals that overflow metabolism of acetate in Escheria coli is triggered by carbon catabolite repression of acetyl-CoA synthetase**

