

### **Acidic pH enhances butyrate production from pectin by faecal microbiota**

Raba, Grete; Adamberg, Signe; Adamberg, Kaarel FEMS Microbiology Letters 2021 / art. fnab042

<https://doi.org/10.1093/femsle/fnab042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products [Online resource]**

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

### **Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products**

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25

[https://www.unive.it/pag/fileadmin/user\\_upload/extra/SSGC/documenti/Book\\_of\\_abstracts\\_per\\_website\\_23\\_July.pdf](https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf)

### **Co-metabolism of mucins and dietary fibres by gut microbiota = Mutsiinide ja kiudainete kometabolism soolestiku mikroobiota 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)

### **Design of sustainable ionic liquids based on L-phenylalanine and L-alanine dipeptides : synthesis, toxicity and biodegradation studies**

Kapitanov, Illia; Raba, Grete; Špulak, Marcel; Vilu, Raivo; Karpichev, Yevgen; Gathergood, Nicholas Journal of Molecular Liquids 2023 / art. 121285 <https://doi.org/10.1016/j.molliq.2023.121285> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Designing mineralisable building blocks for greener solvents**

Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gathergood, Nicholas 8th IUPAC International Conference of Green Chemistry : Shangri-La Hotel, Bangkok, Thailand, 9-14 Sept 2018 : poster presentation abstracts 2018 / p. 87

[http://www.greeniupac2018.com/download/8th%20IUPAC%20ICGC%202018\\_Program%20&%20Abstract%20Book\\_Poster%20Abstract.pdf](http://www.greeniupac2018.com/download/8th%20IUPAC%20ICGC%202018_Program%20&%20Abstract%20Book_Poster%20Abstract.pdf)

### **A greener approach to hydrolyse ionic liquids**

Sudheer, Surya; Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gupta, Vijai Kumar; Gathergood, Nicholas Basic & Clinical Pharmacology & Toxicology 2018 International Conference on Biotechnology and Bioengineering (ICBB2018) : 24-26 October 2018, Budapest, Hungary 2018 / p. 21 <https://doi.org/10.1111/bcpt.13165>

### **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**

Raba, Grete; Luis, Ana S.; Schneider, Hannah; Morell, Indrek; Jin, Chunsheng; Adamberg, Signe; Hansson, Gunnar C.; Adamberg, Kaarel; Arike, Liisa Iscience 2024 / art. 110093

### **Mucin utilization by gut microbiota : recent advances on characterization of key enzymes**

Raba, Grete; Luis, Ana S. Essays in Biochemistry 2023 / p. 345–353 : ill <https://doi.org/10.1042/EBC20220121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Soolestiku limakiht aitab hoida soolebakterite tasakaalu**

novaator.err.ee 2024 [Soolestiku limakiht aitab hoida soolebakterite tasakaalu https://doi.org/10.1016/j.jsci.2024.110093](https://doi.org/10.1016/j.jsci.2024.110093)

### **Specific selection of microbial consortia by continuous cultivation for future probiotics**

Adamberg, Kaarel; Raba, Grete; Adamberg, Signe 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 16

### **Synthesis and biodegradation studies of a series of novel L-phenylalanine derived ionic liquids**

Kapitanov, Illia; Jordan, Andrew; Haiss, Annette; Špulak, Marcel; Karpichev, Yevgen; Raba, Grete; Gupta, Vijai Kumar; Vilu, Raivo; Kümmerer, Klaus; Gathergood, Nicholas 20th European Symposium on Organic Chemistry ESOC 2017 : July 2-6, 2017, Cologne, Germany : abstracts 2017 / p. OMSC009 : ill

### **Use of changestat for growth rate studies of gut microbiota**

Adamberg, Kaarel; Raba, Grete; Adamberg, Signe Frontiers in bioengineering and biotechnology 2020 / art. 24, 12 p. : ill <https://doi.org/10.3389/fbioe.2020.00024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)