

## A practical asymmetric synthesis of R- and S-homocitric acid

Eek, Margus; Jäälaid, Raissa; **Laos, Marit; Paju, Anne; Lopp, Margus** International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 84

## Application of $^{13}\text{C}$ and fluorescence labeling in metabolic studies of *Saccharomyces* spp

Nisamedtinov, Ildar 2006 <https://digi.lib.ttu.ee/i/?91> [https://www.esther.ee/record=b2195814\\*est](https://www.esther.ee/record=b2195814*est)

## Batch and fed-batch ethanol fermentation of cheese-whey powder with mixed cultures of different yeasts

Farkas, Csilla; Rezessy-Szabo, Judit M.; **Gupta, Vijai Kumar; Bujna, Erika; Pham, Tuan M.; Pásztor-Huszár, K.; Friedrich, László; Bhat, Rajeev; Thakur, Vijay Kumar; Nguyen, Quang D.** Energies 2019 / Art. 4495 <https://doi.org/10.3390/en12234495> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

## Changes of yeast cell plasma upon dehydration-rehyd[r]ation process

Khroustalyova, G.M.; Rapoport, A.I. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 55

## Characterisation of yeast strains using the A-stat method

**Kasemets, Kaja; Paalme, Toomas** Food microbiology and food safety into the next millennium : proceedings of the Seventeenth International Conference of the International Committee on Food Microbiology and Hygiene (ICFMH) : Veldoven, The Netherlands, 13-17 September, 1999 1999 / p. 644-645

## Combined treatment of sulfate-rich molasses wastewater from yeast industry : technology optimization

Zub, Sergei 2007 <https://digi.lib.ttu.ee/i/?376> [https://www.esther.ee/record=b2325392\\*est](https://www.esther.ee/record=b2325392*est)

## Comparison of different extraction methods for simultaneous determination of B complex vitamins in nutritional yeast using LC/MS-TOF and stable isotope dilution assay

Hälvlin, Kristel; **Paalme, Toomas; Nisamedtinov, Ildar** Analytical and bioanalytical chemistry 2013 / p. 1213-1222 : ill

## Complex utilization of brewery yeast

Mandel, Mihkel Kemia-kemi = [Finnish chemistry] 1991 / p. 950 [https://www.esther.ee/record=b1201067\\*est](https://www.esther.ee/record=b1201067*est)

## Development of a dedicated Golden Gate Assembly Platform (RtGGA) for *Rhodotorula toruloides*

Bonturi, Nemailla; Pinheiro, Marina Julio; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; Liudžiute, Gintare; De Biaggi, Juliano Sabedotti; Brauer, Age; Remm, Maito; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; Lahtvee, Petri-Jaan Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

## Doktoritöö: Eesti siidritööstus võiks mõelda kastist välja [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Doktoritöö: Eesti siidritööstus võiks mõelda kastist välja"](#)

## Eesti teadlane: pikem plaan on väärindada CO<sub>2</sub> toiduks

geenius.ee 2023 [Eesti teadlane: pikem plaan on väärindada CO<sub>2</sub> toiduks](#)

## Effect of changing environmental conditions on the fermentative growth of *Saccharomyces cerevisiae* S288C: auxo-accelerostat study

**Kasemets, Kaja** 2006 <https://digikogu.taltech.ee/et/item/63101bc8-ead9-4ce0-a441-1bd6815b7cd9> [https://www.esther.ee/record=b2158103\\*est](https://www.esther.ee/record=b2158103*est)

## Enhanced expression of human prostaglandin H synthase-2 in the yeast *Pichia pastoris* and removal of the C-terminal tag with bovine carboxypeptidase A

Kukk, Kaia; Samel, Nigulas Journal of biotechnology 2016 / p. 224-231 : ill <http://dx.doi.org/10.1016/j.jbiotec.2016.06.015>

## Expression of human prostaglandin H synthases in the yeast *Pichia pastoris* = Inimese prostaglandiin H süntaaside ekspressoerimine pärnis *Pichia pastoris*

Kukk, Kaia 2016 [http://www.esther.ee/record=b4621165\\*est](http://www.esther.ee/record=b4621165*est)

## Growth efficiency of *Saccharomyces cerevisiae* on glucose/ethanol media with a smooth change in the dilution rate (A-stat)

**Paalme, Toomas; Elken, R.; Vilu, Raivo; Korhola, Matti** Enzyme and microbial technology 1997 / p. 174-181

[https://doi.org/10.1016/S0141-0229\(96\)00114-7](https://doi.org/10.1016/S0141-0229(96)00114-7)

## Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders

Laaksonen, Oskar; **Kulđärv, Rain; Paalme, Toomas; Virkki, Mira; Yang, Baoru** Food chemistry 2017 / p. 29-37 : ill

<https://doi.org/10.1016/j.foodchem.2017.04.067>

## Impact of *Pichia kluyveri* and *Streptococcus thermophilus* fermentation on milk flavour [Online resource]

Kollo, Kaia; **Kõrge, Kristi** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts

### Invertaasi saamine öllepärmist

Kann, Jüri; Kask, Karl; Mühlung, Anne Konverentsi "Eesti keemiatööstuse toorainevarud rahvamajanduse teenistuses" ettekannete teesid : 9.-10. juunil 1970. a 1970 [https://www.esther.ee/record=b1356064\\*est](https://www.esther.ee/record=b1356064*est)

„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõönud käed soomlaste Valio ja ameeriklaste Kraft Heinziga Liiva, Siiri „Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõönud käed soomlaste Valio ja ameeriklaste Kraft Heinziga 2023

### "Kluyveromyces fragilise" β-galaktosidaasi immobiliseerimine polüakrüülamiiidgeeli

Lausa, E.; Pappel, Kaie XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 134 [https://www.esther.ee/record=b1322611\\*est](https://www.esther.ee/record=b1322611*est)

### Liquid and gas chromatographic studies of the anaerobic degradation of baker's yeast wastewater

Koplimaa, Mariane; Menert, Anne; Blonskaja, Viktoria; Kurissoo, Tõnu; Zub, Sergei; Saareleht, Maarit; Vaarmets, Elena; Menert, Terje Procedia chemistry 2010 / p. 120-129 : ill

### Metabolism control in 3D-printed living materials improves fermentation

Butelmann, Tobias; Priks, Hans; Parent, Zoel; Johnston, Trevor G.; Tamm, Tarmo; Nelson, Alshakim; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- ACS Applied Bio Materials 2021 / p. 7195-7203 <https://doi.org/10.1021/acsabm.1c00754> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Methodology for analysis of peptide consumption by yeast during fermentation of enzymatic protein hydrolysate supplemented synthetic medium using UPLC-IMS-HRMS

Arju, Georg; Berg, Hidde Yael; Lints, Taivo; Nisamedtinov, Ildar Fermentation 2022 / art. 145 <https://doi.org/10.3390/fermentation8040145> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Mixed culture fermentations of lactic acid bacteria and yeast

Kasemets, Kaja; Paalme, Toomas 8th European Congress on Biotechnology, August 17-21, 1997, Budapest : book of abstracts 1997 / p. 205, TU2413

### Non-linear structure identification of a fed-batch bakers' yeast process - a simulation study of two techniques

Keulers, M.; Sepp, K.; Breur, A.; Reyman, G. Automation, simulation & measurement : ASM'91 : 3rd biennal conference, Tallinn, October 7-11, 1991. Section A. Section M / Tallinn Technical University 1992 / p. 82-87: ill

### Optimisation of selenium-enriched yeast production by fed-batch and D-stat methods

Külvet, Kadri Food and nutrition = Toit ja toitumine 2003 / p. 79-80

### Peptides : an underestimated nitrogen source for yeast in food fermentations

Nisamedtinov, Ildar; Mooses, Kaspar; Kevvai, Kaspar; Saaremets, Signe 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 15

### Potassium and sodium salt stress characterization in the yeasts *Saccharomyces cerevisiae*, *Kluyveromyces marxianus*, and *Rhodotorula toruloides*

Ilarionov, Aleksandr; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- Applied and Environmental Microbiology 2021 / art. e03100-20 <https://doi.org/10.1128/AEM.03100-20> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Pärm ja kohalik saepuru annavad vegantoidule liha meki

Sarv, Mari Öö novaator.err.ee 2023 [Pärm ja kohalik saepuru annavad vegantoidule liha meki](https://novaator.err.ee/2023/06/paarm-ja-kohalik-saepuru-annavad-vegantoidule-liha-meki)

### Pärm paljud paled : [uuringutest TTÜ toiduainete instituudis]

Nisamedtinov, Ildar Horisont 2012 / lk. 44-47 : ill [https://artiklid.elnet.ee/record=b2490068\\*est](https://artiklid.elnet.ee/record=b2490068*est)

### Pärmimutatsioonid muudavad veini paremaks : [Toidu- ja Fermentatsioonitehnoloogia Arenduskeskuse teadlaste katseprotsessist]

Aru, Erik Mente et Manu 2013 / lk. 10 : fot [https://www.esther.ee/record=b1242496\\*est](https://www.esther.ee/record=b1242496*est)

### Rain Kuldjärv. Metsiku pärm ja kultuurpärm kultuursus. Intervjuu : Rain Kuldjärv

Kuldjärv, Rain Teadus kolme minutiga : 2015-2016 2017 / lk. [28]-37 : portr., ill [http://www.esther.ee/record=b4654069\\*est](http://www.esther.ee/record=b4654069*est)

### The role of Opt and Fot oligopeptide transporters in covering the yeast nitrogen need during fermentation in a peptide rich environment

Berg, Hidde Yael; Arju, Georg; Becerra-Rodriguez, Carmen; Galeote, Virginie; Nisamedtinov, Ildar 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 151-152

[https://efbiotechnology.org/images/uploads/PYFF8\\_Abstract\\_book.pdf](https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf)

**Simultaneous utilization of ammonia, free amino acids and peptides during fermentative growth of *Saccharomyces cerevisiae***

Kevvai, Kaspar; Kütt, Mary-Liis; Nisamedtinov, Ildar; Paalme, Toomas Journal of the Institute of Brewing 2016 / p. 110-115 : ill  
<http://dx.doi.org/10.1002/jib.298>

**The effect of cidermaking practices on ester production by yeast = Siidri valmistamise tingimuste mõju estrite tootmissele pärnide poolt**

Rosend, Julia 2021 [https://www.ester.ee/record=b5453385\\*est](https://www.ester.ee/record=b5453385*est) <https://digikogu.taltech.ee/et/item/20a90baf-63ea-4dc3-9d59-3278f74798b5>  
<https://doi.org/10.23658/taltech.44/2021>

**The effect of oxygen, ethanol and biomass concentration on growth rate of distillers yeast : the PH-stat study**

Kasemets, Kaja; Laht, Tiiu-Maie; Nisamedtinov, Ildar; Paalme, Toomas Yeast as a cell factory : EC Framework IV Symposium, The Nederlands, 30. Nov. - 2. Dec. 1998 : abstract book 1998 / p. 162-164

**The effects of apple variety, ripening stage, and yeast strain on the volatile composition of apple cider**

Rosend, Julia; Kuldjärv, Rain; Rosenvall, Sirli; Paalme, Toomas Heliyon 2019 / art. e01953, 7 p. : ill

<https://doi.org/10.1016/j.heliyon.2019.e01953> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The productivity of yeasts immobilized in different hydrogel matrixes hydrolyzing concentrated sucrose solutions**

Laukevics, J.; Popens, N.; Lozinsky, V.; Zubov, A. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 52

**Unlocking the secrets of peptide transport in wine yeast: insights into oligopeptide transporter functions and nitrogen source preferences**

Berg, Hidde Yael; Arju, Georg; Becerra-Rodriguez, Carmen; Galeote, Virginie; Nisamedtinov, Ildar Applied and environmental microbiology 2023 / art. e0114123 <https://doi.org/10.1128/aem.01141-23>

**Use of PCR-denaturing gradient gel electrophoresis for the discrimination of *Candida* species isolated from natural habitats**

El-Latif Hesham, Abd; Gupta, Vijai Kumar; Singh, Bhim Pratap Microbial Pathogenesis 2018 / p. 19-22

<https://doi.org/10.1016/j.micpath.2018.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Water-soluble vitamins determination in inactiv yeast products by HPLC**

Zub, Sergei Food and nutrition = Toit ja toitumine 2002 / p. 108-109 : ill

**Yeast anhydrobiosis : advances, trends and application in biotechnology**

Rapoport, A.I.; Khroustalyova, G.M.; Krallish, I.L.; Muter, O.A.; Beker, M.E. BIOBAL '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 31

**Влияние количества прессованных дрожжей на расход углеводов при сбраживании и на интенсивность процесса тестоведения**

Kann, Aino; Ganzurova, Irina; Tönsberg, V. Технология пищевых производств. 1 1969 / с. 81-86

[https://www.ester.ee/record=b1475909\\*est](https://www.ester.ee/record=b1475909*est) <https://digikogu.taltech.ee/et/item/c67e3781-7e7b-43f5-8577-784c2a8ad0e1/>

**Возможности применения остаточных пивных дрожжей**

Rand, Tiiu XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 6 [https://www.ester.ee/record=b5165223\\*est](https://www.ester.ee/record=b5165223*est)

**Возможности применения пивной дробины**

Annusver, K. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 6 [https://www.ester.ee/record=b5165223\\*est](https://www.ester.ee/record=b5165223*est)

**Выделение инвертазы из пивных дрожжей**

Mühling, Anne; Kann, Jüri; Kask, Karl; Köstner, Ado Вопросы получения и применения ферментов : материалы эстонского республиканского совещания 2-4 апреля 1969 г. 1969 / с. 16-17 [https://www.ester.ee/record=b1205702\\*est](https://www.ester.ee/record=b1205702*est)

**Выделение фермента β-Фруктофуранзидазы из пивных дрожжей методом замораживания - оттаивания дрожжевых клеток**

Erin, Anne Технология пищевых производств. 4 1974 / с. 69-77 : илл [https://www.ester.ee/record=b1475977\\*est](https://www.ester.ee/record=b1475977*est)  
<https://digikogu.taltech.ee/et/item/b0fe0497-582f-4507-9281-6ad4d1a574e3>

**Деструкция клеток пивных дрожжей в коллоидной мельнице с целью получения фермента β-**

**фруктофуранозидазы**

**Kann, Jüri; Kask, Karl; Köstner, Ado; Talvari, Andres; Mühling, Anne** Технология пищевых производств. 1 1969 / с. 35-39

[https://www.estر.ee/record=b1475909\\*est](https://www.estر.ee/record=b1475909*est) <https://digikogu.taltech.ee/et/item/c67e3781-7e7b-43f5-8577-784c2a8ad0e1/>

**Изучение свойств пивоваренных дрожжей различных генераций**

**Liebert, Tiiu; Laupä, Kaie** Вопросы повышения качества пищевых продуктов 1982 / с. 13-19

**Исследование возможностей выделения инвертазы из пищевых дрожжей : сообщение 1**

**Mühling, Anne; Kann, Jüri; Kask, Karl** Технология пищевых производств. 2 1971 / с. 3-10 : илл

[https://www.estر.ee/record=b1475923\\*est](https://www.estر.ee/record=b1475923*est) <https://digikogu.taltech.ee/et/item/63f3c26f-8104-4e33-a10e-83512b7e2b87/>

**Исследование возможностей выделения инвертазы из пищевых дрожжей : сообщение 2**

**Mühling, Anne; Kann, Jüri; Kask, Karl** Технология пищевых производств. 2 1971 / с. 11-20 : илл

[https://www.estر.ee/record=b1475923\\*est](https://www.estر.ee/record=b1475923*est) <https://digikogu.taltech.ee/et/item/63f3c26f-8104-4e33-a10e-83512b7e2b87/>

**Обогащение пивных дрожжей инвертазой**

**Kann, Jüri; Mühling, Anne; Kask, Karl; Köstner, Ado** Технология пищевых производств. 1 1969 / с. 41-47 : илл

[https://www.estر.ee/record=b1475909\\*est](https://www.estر.ee/record=b1475909*est) <https://digikogu.taltech.ee/et/item/c67e3781-7e7b-43f5-8577-784c2a8ad0e1/>

**Эстонские ученые производят из опилок жиры, улучшающие вкус веганской еды**

**Sarv, Mari Öö** rus.estr.ee 2023 [Эстонские ученые производят из опилок жиры, улучшающие вкус веганской еды](#)