

Effect of different stressful environmental conditions on the expression of HSP12P-GFP2 fusion protein in *Saccharomyces cerevisiae*

Orumets, Kerti; Nisamedtinov, Ildar; Koplimaa, Mariane; **Paalme, Toomas** 2nd Baltic Conference on Food Science and Technology : FOODBALT-2007 : Kaunas, June 13-14 : conference program and abstracts 2007 / p. 27

Effect of slowly increasing temperature and NaCl concentration on the expression of Hsp12-GFP2 fusion protein in *Saccharomyces cerevisiae* : an auxo-accelerostat study

Nisamedtinov, Ildar; Lindsley, G.; Karreman, R.; Orumets, Kerti; Koplimaa, Mariane; **Paalme, Toomas** FinMed 2006 : 2nd International Conference on Bioreactor Technology in Cell, Tissue Culture and Biomedical Applications 2006 / p. 102-112

Glutathione accumulation in ethanol-stat fed-batch culture of *Saccharomyces cerevisiae* with a switch to cysteine feeding

Nisamedtinov, Ildar; Kewai, Kaspar; **Orumets, Kerti;** Rautio, Jari; **Paalme, Toomas** Applied microbiology and biotechnology 2010 / 1, p. 175-183 : ill https://www.researchgate.net/publication/41850043_Glutathione_accumulation_in_ethanol-stat_fed-batch_culture_of_Saccharomyces_cerevisiae_with_a_switch_to_cysteine_feeding

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

Nisamedtinov, Ildar; Kewai, 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 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 <https://pubmed.ncbi.nlm.nih.gov/21052993/>

Molecular mechanisms controlling intracellular glutathione levels in baker's yeast *Saccharomyces cerevisiae* and a random mutagenized glutathione over-accumulating isolate = Rakusised glutatiooni taset kontrollivad molekulaarsed mehhanismid pagaripärmis *Saccharomyces cerevisiae* ja selle juhuslikul mutageneesil saadud glutatiooni üleakumuleerivas isolaadis

Orumets, Kerti 2012 https://www.ester.ee/record=b2931326*est

Multilevel control of GSH accumulation in mutant and wild-type Strains of *S. cerevisiae* under conditions of smooth cysteine addition

Nisamedtinov, Ildar; Orumets, Kerti; Kewai, Kaspar; Viirard, Ene; **Sarand, Inga; Paalme, Toomas** IBIC 2010 : 2nd International Conference on Industrial Biotechnology : April 11-14, 2010, Padua, Italy 2010 / p. 91-96 <https://www.aidic.it/cet/10/20/016.pdf>

The study of static and dynamic environmental stress of *Saccharomyces cerevisiae* using heat shock protein Hsp12p-Gfp2p construct

Nisamedtinov, Ildar; Lindsey, R.; Karreman, R.; **Orumets, Kerti;** Koplimaa, Mariane; Kewai, Kaspar; **Paalme, Toomas** Physiology of Yeast and Filamentous Fungi PYFF3 : 3rd European Federation of Biotechnology Conference : Helsinki (Finland), June 13-16, 2007 2007 / p. 70

YAP1 over-expression in *Saccharomyces cerevisiae* enhances glutathione accumulation at its biosynthesis and substrate availability levels

Orumets, Kerti; Kevvai, Kaspar; Nisamedtinov, Ildar; Tamm, Tiina; **Paalme, Toomas** Biotechnology journal 2012 <https://pubmed.ncbi.nlm.nih.gov/22009669/>