

**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

**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

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

Orumets, Kerti 2012 [https://www.esther.ee/record=b2931326\\*est](https://www.esther.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; Viiard, Ene; Sarand, Inga; Paalme, Toomas** IBIC 2010 : 2nd International Conference on Industrial Biotechnology : April 11-14, 2010, Padua, Italy 2010 / p. 91-96

**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