

## Publication list

Passoth V, Blomqvist J and Schnürer J (2007). *Dekkera bruxellensis* and *Lactobacillus vini* form a stable ethanol-producing consortium in a commercial alcohol production process *Appl Environ Microbiol* 73: 4354-4356

Blomqvist J, Eberhard T, Schnürer J and Passoth V (2011). Fermentation characteristics of *Dekkera bruxellensis* strains. *Appl Microbiol Biotechnol* 87, 1487-1497

Blomqvist J, South E, Tiukova I, Momeni MH, Hansson H, Ståhlberg J, Horn SH, Schnürer J and Passoth V (2011). Fermentation of lignocellulosic hydrolyates by the alternative industrial ethanol yeast *Dekkera bruxellensis*. *Lett Appl Microbiol* 53, 73-78

Dererie DY, Trobro S, Momeni MH, Hansson H, Blomqvist J, Passoth V, Schnürer A, Sandgren M and Ståhlberg J (2011). Improved bio-energy yields via sequential ethanol fermentation and biogas digestion of steam exploded oat straw. *Bioresour Technol* 102(6), 4449-55

Blomqvist J, Sánchez Nogué V, Gorwa-Grauslund M and Passoth V (2012). Physiological requirements for growth and competitiveness of *Dekkera bruxellensis* under oxygen limited or anaerobic conditions. *Yeast* 29(7), 265-274

Blomqvist J, Leong SL, Sandgren M, Lestander T and Passoth V (2014) Temperature dependent changes in the microbial storage flora of spruce and birch sawdust. *Biotechnol Appl Biochem.* 61(1), 58-64

Blomqvist J and Passoth P (2015). *Dekkera bruxellensis* - spoilage yeast with biotechnological potential, and a model for yeast evolution, physiology and competitiveness. *FEMS Yeast Res* 15 (4):

Theuretzbacher F., Blomqvist J., Lizasoain J., Klietz L., Potthast A., Horn SJ., Nilsen PJ., Gronauer A., Passoth V and Bauer A (2015). The effect of combined biological and thermo-mechanical pretreatment of wheat straw on energy yields in coupled ethanol and methane generation. *Bioresour Technol* 194:7-13

## Conference contributions

Blomqvist J, Schnürer J and Passoth V (2007): Industrial ethanol production by a consortium of *Dekkera bruxellensis* and the lactic acid bacterium *Lactobacillus vini* *Yeast* Jul:Vol 24 (S1):27. XXIII International conference on yeast genetics and molecular biology – Poster presentation

Blomqvist J: Formulation of the yeast *Dekkera bruxellensis* for ethanol production. 1:st International DOM symposium on microbial formulation 3-4<sup>th</sup> of December 2007, SLU, Uppsala. – Oral presentation

Blomqvist J, Förster A, Schnürer J and Passoth V (2008): Ethanol production potential of *Dekkera bruxellensis*. 12<sup>th</sup> International congress on yeasts for human progress, Kiev, Ukraine – Invited talk

Blomqvist J, Passoth V (2010): *Dekkera bruxellensis*: competitive ethanol producer from conventional and non-conventional substrates. NYRC meeting, Lund, Sweden – Oral presentation

Blomqvist J and Passoth V (2012): *Dekkera bruxellensis* – a competitive yeast for ethanol production. ICY 2012, Madison, WI, USA – Poster presentation

Blomqvist J, Leong S, Sandgren M, Lestander T and Passoth V (2012): Investigation of the microbial storage flora of ISP (Integrated and pretreated) sawdust. CBM, Riga, Latvia – Poster presentation

Tiukova I, Blomqvist J and Passoth V (2013): Global gene expression analysis of *D. bruxellensis* in sugar limited, low oxygen conditions 26th International Conference on Yeast Genetics and Molecular Biology, Frankfurt Main, Germany – Poster presentation