

Biotechnology News

January 2018

New personnel/guests

- MD Mahadi Hasan, from Italy. Supervised by Sang-Hyun.
Period of stay January – March.



- Andrius Jasilionis, Post doc from Lithuania. Guest of Eva.
Period of stay until January 2019.

- Hrafn Fritzon, Master Student from Iceland, supervised by Rajni.



- ✓ Eva Schmitz, PhD supervised by Patrick. Arriving 1st of February.

PUBLICATIONS

Fabricio dos Santos Belgrano, Olaf Diegel, Nei Pereira Jr, Rajni Hatti-Kaul (2018) Cell immobilization on 3D-printed matrices: A model study on propionic acid fermentation. *Bioresource Technology* 249, 777-782 <http://dx.doi.org/10.1016/j.biortech.2017.10.087>

Chen L, Hatti-Kaul R (2017) Exploring *Lactobacillus reuteri* DSM20016 as a biocatalyst for transformation of longer chain 1,2-diols: Limits with microcompartment. *PLoS ONE* 12(9): e0185734. <https://doi.org/10.1371/journal.pone.0185734>

A Canet, M. D Benaiges, F Valero, P Adlercreutz (2017) Exploring substrate specificities of a recombinant *Rhizopus oryzae* lipase in biodiesel synthesis. *New Biotechnol* 39, 59-67. Doi: 10.1016/j.nbt.2017.07.003

T van Daele, K V Gerney, R H Ringborg, T Börner, S Heintz, D van Hauwermeiren,, C Grey, U Krühne, P Adlercreutz, I Nopens (2017) Application of iterative robust model-based optimal experimental design for calibration of biocatalytic models. *Biotechnol. Prog* 33, 1278-1293. DOI 10.1002/btpr.2515

P Falck, J A Linares-Pastén, E Nordberg Karlsson, P Adlercreutz (2018) Arabinoxylanase from glycoside hydrolase family 5 is a selective enzyme for production of specific arabinoxylooligosaccharides. *Food Chemistry* 242, 579-584. Doi: 10.1016/j.foodchem.2017.09.048

MISCELLANEOUS

Patrick has been awarded a funding of 3'700 000 kronor from the Swedish Research Council

- Anna had a baby girl, Vilma, on Tuesday the 28th of November. Congratulations!



- A couple of pictures from the Christmas celebration on December 12th



DON'T MISS:

<https://www.lu.se/event/avstamp-for-framtiden-kick-off-for-the-future>

Sunday the 28th of January. A conclusion of the LU celebration and Anniversary!



Contributions to the next newsletter
(expected out in February/March 2018):

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