

Biotechnology News

February 2015

New personnel/guests.



Bianca Ayres from Brazil is back at the division, staying for one year. Welcome!



Dan Kucera from Czech Republic is here and will stay until early June working with Rosa/Rajni.



Ida Ahlberg and Thais Nilsson working on their master thesis under supervision of Emma Kreuger.

Expected guests:

Sindhu Mathew arriving in March as a guest of Patrick Adlercreutz.

Upcoming dissertations:

2015-02-12 **Maryam Latifian** "Nutrient recovery from waste streams through struvite formation"

2015-02-25 **Ally Mahadhy** "Development of an Ultrasensitive Capacitive DNA-Sensor A promising tool towards microbial diagnostics"

2015-03-27 **Sten Strömberg** "Developments in feedstock analysis and process control for biogas production"

2015-03-31 **Oksana Zaushitsyna** "Cryogels based on crosslinked cells as green biocatalysts for biotechnology"

Publications:

Javier A. Linares-Pastén, Ramin Sabet-Azad, Laura Pessina, Roya R.R. Sardari, Mohammad H.A. Ibrahim, and Rajni Hatti-Kaul, Efficient poly(3-hydroxypropionate) production from glycerol using *Lactobacillus reuteri* and recombinant *Escherichia coli* harboring *L. reuteri* propionaldehyde dehydrogenase and *Chromobacterium* sp. PHA synthase genes. *Bioresource Technology*. 180, 172-176 (2015)

Ramin Sabet-Azad, Roya R. R. Sardari, Javier A. Linares-Pastén and Rajni Hatti-Kaul

Production of 3-hydroxypropionic acid from 3-hydroxypropionaldehyde by recombinant *Escherichia coli* co-expressing *Lactobacillus reuteri* propanediol utilization enzymes. *Bioresource Technology*. 180, 214-221 (2015)

MISCELLANEOUS

- As some of you may have already noticed, there is now a board in the hallway (on the right hand side of the elevators) with publications posted on it. The idea is to constantly keep this up to date, so feel free to print out and add new ones! The ones removed will be placed in a binder for anyone to look at.
- As of the beginning of this year, the department provide everyone drinking tea and/or coffee with ecological "mellanmjölk". Please, help out making the 5 litres last throughout the week!

- Note that we have moved the clean lab coats from its old place to the cabinet opposite from the lunch room. Used ones must still be put in the barrel in the regular spot.
- Last but not least – thank you and good bye to **Linda Önnby**:



Contributions to the next newsletter (coming out in April):

Please send an e-mail to Emma with what you wish to have included. (emma.poaches@biotek.lu.se)