

Biotechnology News

August/September 2017

New personnel/guests



- Tekn. lic. **Josefin Ahlqvist** continues her PhD-studies at the division of Biotechnology from July 2017 in the Horizon2020-project Virus-X.



- Welcome **Sayed Mehdi Hosseini**, from Iran. Here for six months/invited by Sang-Hyun.



- Welcome **Nurul Izzati**, from Indonesia. At the division of Biotechnology for three months/invited by Eva.



- **Israt Jahan Mukti**, from Bangladesh. At the division of Biotechnology for one year/invited by Eva

- Tarek Dishisha will return to the department for 3,5 months 2017 during September- December to work in the VR project with Adel.

PUBLICATIONS

Serena Bisagni, Milad Abolhalaj, Alexandre G. de Brevern, Joseph Rebehmed, Rajni Hatti-Kaul and Gashaw Mamo Enhancing the Activity of a Dietzia sp. D5 Baeyer-Villiger Monooxygenase Towards Cyclohexanone by Saturation Mutagenesis. ChemistrySelect 2017, DOI: 10.1002/slct.201701212

T Börner, S Rämisch, S Bartsch, A Vogel, P Adlercreutz, C Grey

Three in one: Temperature, solvent and catalytic stability by engineering the cofactor-binding element of amine transaminase. ChemBioChem 18, 1482-1486 (2017)

Linares-Pastén JA, Falck P, Albasri K, Kjellström S, Adlercreutz P, Logan DT, Karlsson EN (2017) Three-dimensional structures and functional studies of two GH43 arabinofuranosidases from Weissella sp. strain 142 and Lactobacillus brevis. The FEBS Journal 284:2019–2036

Salas-Veizaga DM, Villagomez R, Linares-Pastén JA, Carrasco C, Álvarez MT, Adlercreutz P, Nordberg Karlsson E (2017) Extraction of xylan from Quinoa stalks (Chenopodium quinoa Willd.) and evaluation of xylooligosaccharides products by GH10 and GH11 xylanases. Journal of Agricultural and Food Chemistry. doi:10.1021/acs.jafc.7b01737

Mahmoud Sayed, TarekDishisha, Sang-Hyun Pyo, Waiel F.Sayed, Wesam M.Salem, Hanan M.Temer, Enhanced selective oxidation of trimethylolpropane to 2,2-bis(hydroxymethyl)butyric acid using *Corynebacterium* sp. ATCC 21245. doi.org/10.1016/j.procbio.2017.08.007

- **New grants:**

Patrick and Eva have received a grant within Vinnova's strategic innovation area "Bioinnovation". The project AgrInnovate will last for three years and will be funded by 2.1 MSEK from Vinnova and 0.9 MSEK from companies.

Javier Linares-Pastén has been awarded a travel grant for contact trips outside Europe from The Knut and Alice Wallenberg Foundation. He has discussed plans for education and research collaborations with research groups in Malaysia and Indonesia.

- **Enza Biotech AB** has been acquired by the British company Croda.

For press release please go to www.croda.com under news 2017.

Maria Andersson will leave her position at the University from September 10 to move to new facilities outside the University. Both Maru and Nikolina will join in the new activities.

MISCELLANEOUS

- Don't miss the celebration of Lund University's 350th Anniversary with a pre-party on the 15th of September. There will be a picnic served that day at 14.30 by the Ecology Building. Sign up here: <http://www.biology.lu.se/internal/form/lu350-jubilee-warm-up-party>
- Please, read a new article in Bioenergy International about Chao Li's work <https://bioenergyinternational.com/e-magazine/> <http://online.slidehtml5.com/rqdz/kmeg/#p=1>

- STEPS programme had its first real demonstration on 28 June 2017 of a product, StepOn in the floor coating formulated by Bona. The floor in Berzelius room on -1 floor of Kemicentrum was treated and is still looking good.



Baby boom at the division of Biotechnology!

CONGRATULATIONS TO:

- Sara with family. Baby boy Jonathan Emanuel born on June 28.



- Lu & Hong Chen. Baby girl Leah born on July 3.



Wishing everyone a great autumn!



*Contributions to the next newsletter
(expected out in October):*

Please send an e-mail to Emma
emma.poaches@biotek.lu.se