

# Biotechnology News

April 2023

## New personnel/guests ~ we welcome:

Sergio Daniel Torrez Alvarez

Rishi Gupta

Kevine Ramalingame

Emil Andreasson

Karolina E Torfgård

André Nordin

Viktor Johansson

## MISCELLANEOUS

### Upcoming dissertations

May 5<sup>th</sup>

Fang

June 16<sup>th</sup>

Bashar



**Don't forget:** Every Monday at 09.00 we meet in the kitchen for weekly breakfast together. Fresh bread, butter, cheese and jam is served!

- **Date for the yearly spring excursion is May 23<sup>rd</sup>, Tuesday in a month.**  
Bus ride up to Romelåsen where we begin with a hike, followed by a two-course lunch at The Lodge. Approximate times 09.30 – 15.30.  
Sign up on the list placed on the lunchroom door.
- Please, email- / send me updates for each **newsletter** (coming out every other month from now on). The same goes for updates on our **website** – please let me know if there are any changes or other information worth sharing.

## Publications

Jasilionis A, Plotka M, Wang L, Dorawa S, Lange J, Watzlawick H, van den Bergh T, Vroiling B, Altenbuchner J, Kaczorowska AK, Pohl E, Kaczorowski T, Nordberg Karlsson E, Freitag-Pohl S. AmiP from hyperthermophilic *Thermus parvatiensis* prophage is a thermoactive and ultrathermostable peptidoglycan lytic amidase. *Protein Sci.* 2023 Jan 31;32(3):e4585. doi: 10.1002/pro.4585. Epub ahead of print. PMID: 36721347; PMCID: PMC9929850

Schmitz, E., Leontakianakou, S., Adlercreutz, P., Nordberg Karlsson, E. & Linares-Pastén, J. A.,  
Novel Function of CtXyn5A from *Acetivibrio thermocellus*: Dual Arabinoxylanase and Feruloyl Esterase Activity in the Same Active Site  
*ChemBioChem* e202200667 (2022) DOI: 10.1002/cbic.202200667

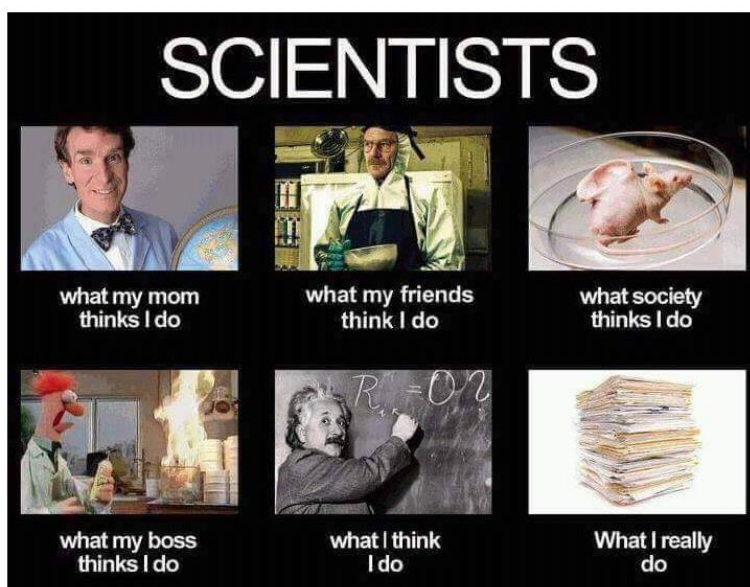
RRR Sardari, A Jasilionis, NT Renhuldt, P Adlercreutz, E Nordberg Karlsson  
HPAEC-PAD analysis for determination of the amino acid profiles in protein fractions from oat flour combined with correction of amino acid loss during hydrolysis. *J Cereal Sci* 109, 103589 (2023)  
DOI: 10.1016/j.jcs.2022.103589

A Causevic, K Olofsson, P Adlercreutz, C Grey  
Effects of lipase immobilization conditions and support materials for the production of structured triacylglycerols  
*Eur J Lipid Sci Technol* 125, 2200135 (2023) DOI: 10.1002/ejlt.202200135

S Norlander, A Jasilionis, ZGK Ara, C Grey, P Adlercreutz, E Nordberg Karlsson  
Novel thermostable GH5\_34 arabinoxylanase with an atypical CBM6, displays activity on oat fibre xylan useful for prebiotic production- *Glycobiology* DOI: 10.1093/glycob/cwac080

## Other info

Why not participate at this year's Lundaloppet, 5 km run through beautiful Lund?  
On May 6<sup>th</sup> <https://lundaloppet.se/>



***Contributions to the next newsletter (expected out in June).*** Please send to Emma [emma.poaches@biotek.lu.se](mailto:emma.poaches@biotek.lu.se)