

ANZMAG NEWS – JULY/AUGUST 2019

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Dear all,

Welcome to the June-August ANZMAG e-newsletter. Apologies for the delay with this. This month we have the usual mix of magnetic resonance and science related items for you. I have made it a little longer than usual as well.

CONFERENCES

The **Fragment-Based Drug Discovery Down Under Conference 2019** will be held at the Monash Institute of Pharmaceutical Sciences (MIPS), Parkville Australia from 12th – 15th November 2019. See <https://fbdddownunder.com.au/> for more details

Not many people get a symposium to themselves but the Bio21 Institute is holding a Symposium in Honour of Professor Frances Separovic AO on **Monday, 30 September, 1-5pm**. See <http://www.bio21.unimelb.edu.au/bio21-symposium-honour-professor-frances-separovic-ao> for more details.

NB: ANZMAG also congratulates Professor Separovic on her recent election of **President of the Biophysical Society**.

You can also see more on Professor Separovic's story at https://www.linkedin.com/posts/francesseparovic_meet-professor-emeritus-frances-separovic-activity-6572299512545718272-uTOa/

If you like Metabolomics the **Merlion Metabolomics Symposium** is being held on November. See <http://nus.edu.sg/neri/ms2019/> for more.

The Analytical and Environmental Chemistry Division of the RACI invites you to participate in the 27th Annual RACI R&D Topics Conference in Analytical and Environmental Chemistry. The conference will be held at Flinders University in Adelaide, South Australia December 1 - 4, 2019. See <http://www.rndtopics.com/> for more details.

And of course, don't forget ANZMAG 2019 - <http://www.anzmag.com.au/conferences.php>

HOW TO RETRIEVE NMR SAMPLES THAT ARE STUCK INSIDE THE MAGNET TUTORIAL

What would you do if one day, the sensor which tells the spectrometer if there is a sample inside the magnet stopped working and the sample changer put samples in the magnet until it was full? Find out how somebody dealt with this on <https://www.instructables.com/id/How-to-Retrieve-NMR-Samples-That-Are-Stuck-Inside/>

STUDENT AWARDS

There are a number of competitions for students that might be of interest for your HDR students/ Please follow the links below to find out more.

<https://www.atascientific.com.au/awards-events-training/current-award/> (Essay comp, \$1500 prize)

<http://info.kellyservices.com.au/the-future-scientist-award> (250 words or less why you should win, state finalists get to present in October and winners get a \$1000 prepaid visa gift card)

<https://www.asm.org/Events/2019-ASM-Agar-Art-Contest/Home> (very creative comp, drawing with microbes).

JOBS

Postdoc Position in Biomolecular NMR spectroscopy - Selenko lab. Weizmann Institute of Science. <https://www.weizmann.ac.il/ISMAR/positions/posdoc-position-biomolecular-nmr-spectroscopy-selenko-lab-weizmann-institute-science>

Associate Professor (Bioimaging), University of Western Australia

<http://external.jobs.uwa.edu.au/cw/en/job/502916/associate-professor-bioimaging>

Senior Research Fellow (NIF Facility Fellow – MRI), University of Western Australia

<https://www.timeshighereducation.com/unijobs/en-au/listing/177126/senior-research-fellow-nif-facility-fellow-mri/>

See also <https://www.nature.com/naturecareers/jobs/search?text=NMR&location=>

CLUNIES ROSS AWARDS

Do you know a science and technology entrepreneur? Someone who has commercialised technology? Or someone who had led the adoption of technology? Why not nominate them for a 2020 Clunies Ross Award? The Clunies Ross Awards have a proud 28-year tradition of recognising contributions by dedicated individuals who have shared their vision and knowledge with others to apply technology for the benefit of Australia. Nominations are now open and must be submitted by 9am AEDT on Friday 25 October. See <https://www.applied.org.au/programs-and-awards/clunies-ross-awards/>

STEM WOMEN

STEM Women is an online directory of women in Australia working in science, technology, engineering and mathematics (STEM) recently launched by the Academy of Science. It aims to promote gender equity in STEM by showcasing the breadth of scientific talent in Australia, enabling a diverse range of women to be offered exciting opportunities to progress their careers and personal capabilities. It is really easy to set up a profile if you are interested. Please see <https://www.stemwomen.org.au/> for more details.

SCIENCE & TECHNOLOGY AUSTRALIA BOARD

Science & Technology Australia is seeking nominations for a number of positions on the STA Board. This is a great opportunity <https://scienceandtechnologyaustralia.org.au/shape-the-future-join-the-sta-board/>

STORIES FROM THE WEB

- <https://www.bruker.com/products/mr/epr/biological-ros-and-rns-detection/ros-detection-diabetes.html?>

Using electron paramagnetic resonance spectroscopy to create 3D images of the area where photosynthesis takes place. T

- <https://medicalxpress.com/news/2019-08-automated-non-invasive-mri-accurately-parkinson.html>

Automated, non-invasive MRI can accurately diagnose Parkinson's

- <https://www.chemistryworld.com/opinion/tales-from-the-nmr-lab/3010468.article>

Interesting NMR story from the Royal Society of Chemistry.