

ANZMAG NEWS - SEPTEMBER 2016

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Dear all,

Welcome to the ANZMAG News for September 2016. I hope you enjoy the news this month.

NEW FACES OF NMR AT THE UNIVERSITY OF WESTERN AUSTRALIA



Mark

Mark Howard and Gareth Nealon are recent appointments to the School of Chemistry and Biochemistry and Centre for Microscopy, Characterisation and Analysis (CMCA). **Mark** has joined as a Senior Lecturer and NMR Technique Group Leader after a 15-year period working at the University of Kent, UK in biological and natural product NMR spectroscopy. His interests include protein- and ligand-observe interactomics, relaxation dynamics, cellular metabolism and ^{19}F NMR. **Gareth** has joined UWA as the Senior Research Officer responsible for the day-to-day technical operation of the NMR facility at UWA. He completed his PhD at UWA, with interests including organic, organometallic and diffusion NMR methods. Welcome to ANZMAG both of you



Gareth

SPARE PARTS FOR 300 MHZ MERCURY SPECTROMETERS

Dr Wilfred Lie at the University of Wollongong in Sydney has asked me to let you all know that they have parts for 300 MHz Mercury Spectrometers available for free or a small cost. They would just like somebody to make a good use of resources – so no second-hand dealers please. If you are interested or would like more information please contact Dr Lie at wilford@uow.edu.au

POSTDOC GRANTS AND FELLOWSHIPS

The McKenzie Postdoctoral Fellowship Scheme at the University of Melbourne has been established to attract outstanding recent doctoral graduates to the University. More details at <http://research.unimelb.edu.au/work-with-us/funding/internal/mckenzie-fellowship>

If you're 18-35 (sadly I miss out by a couple of years) the Science and Innovation Awards for Young People in Agriculture, Fisheries and Forestry fund up to \$22,000 for projects on an innovative or emerging scientific issue that will benefit Australia's primary industries, see more at (<http://www.agriculture.gov.au/abares/conferences-events/scienceawards>).

The Metabolites Travel Award for Postdoctoral fellows will consist of 800 Swiss Francs to allow a postdoc to attend a metabolism and/or metabolomics conference in 2017. For the full details please see <http://www.mdpi.com/journal/metabolites/awards.pdf> -

VESKI is delivering another round of the inspiring women fellowships to assist outstanding female leaders in Victoria. The program offers each fellow up to \$150,000 over three years. Applications are now open at <http://www.veski.org.au/inspiring-women/fellowships>

The UK Biochemical Society Diversity in Science Grants scheme provides grants of up to £500 to support and address issues relating to diversity in science. You don't have to be a member of the society or even live in the UK see www.biochemistry.org/Grants/DiversityinScienceGrants.aspx

CONFERENCE CORNER

The **Asia-Pacific NMR Symposium & 23rd Annual meeting of NMRS-India** will be held from February 16-19, 2017 at the Indian Institute of Science in Bangalore. The website is now open at <http://nrc.iisc.ernet.in/apnmr2017> for more information.

There will be a great RACI student conference in Analytical chemistry in Parramatta in Sydney (<http://www.rndtopics.com/>) towards the end of the year.

See http://nmr900.ca/nmr_events.html for a full list of NMR related conferences

TRENDS IN ANALYTICAL CHEMISTRY (TRAC), SPECIAL ISSUE

Trends in Analytical Chemistry have a special issue out that provides an overview of the state of the art of compact NMR, its applications and its developments. You can see the wide range of work featured at www.sciencedirect.com/science/journal/01659936/83/part/PA if you are keen.

NEW EDITOR-IN-CHIEF OF THE BIOPHYSICAL JOURNAL

Jane Dyson has been named the next Editor-in-Chief of Biophysical Journal, effective July 1, 2017, when Les Loew completes his five-year term in that position. Prof Dyson is a professor in the Department of Integrative Structural and Computational Biology at The Scripps Research Institute, where her research focuses on understanding how the amino acid sequence of a protein determines its final structure and the understanding of enzyme and protein function through study of structure and dynamics. She will be the 15th and first woman editor of the Biophysical Journal.

PREDATORY PUBLISHER WARNING

In no way linked to the above two stories but still important. There are a seemingly ever-increasing number of predatory journals and conferences around at present. Last month the U.S. Federal Trade Commission charged one such a publisher of hundreds of academic journals with deceiving readers about reviewing practices, publication fees, and the nature of its editorial boards. The press release can be seen at <http://retractionwatch.com/2016/08/26/u-s-government-group-sues-publisher-charging-it-with-deceiving-researchers/> - There is a webpage which people may wish to consult before submitting a manuscript - <https://scholarlyoa.com/> it is quite handy.

STORIES FROM THE WEB

We finish, as ever, with a few stories featuring different forms of magnetic resonance from the web

- <http://bit.ly/2dfyvl5> - Researchers from the University of Michigan recently used EPR spectroscopy to identify the method by which some archaebacteria can oxidize methane.
- <http://bit.ly/2cMagtl> - This is a nice overview of the development of a new method for Shortening the Experiment Recording Time for Protein NMR
- <http://wb.md/2cEHoWN> - A story on the detection of structural changes in ankylosing spondylitis. Apparently fewer erosions are detected by MRI and x-ray than with CT.
