

## ANZMAG NEWS - January 2017

By Oliver A.H. Jones (RMIT University - [oliver.jones@rmit.edu.au](mailto:oliver.jones@rmit.edu.au))

Dear all,

Happy (belated) New year and welcome to the first ANZMAG News of 2017. I hope that everybody had a good weekend and is not too shocked to be close to February?

### ANZMAG 2017

*Don't forget to save the date of 2 - 7 December 2017 for the 2017 ANZMAG conference which will be held from Saturday 2nd - Wednesday 6, December 2017 at Mantra on Salt Beach, Kingscliff, New South Wales. Please make sure to check out <http://www.anzmag2017.org/> for more details.*

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### SEMINARS AND TRAINING

There will be a special seminar entitled "NMR contribution to the understanding of cellular processes" to celebrate the installation of the new DNP-NMR at the University of Melbourne on Thursday 2nd February at 4.00 pm. The speaker is Professor Lucia Banci of the University of Florence (<http://www.cerm.unifi.it/people/lucia-banci>). Please see <http://tinyurl.com/zv72tez> for a flyer. Professor Banci is also giving a seminar at MIPS at noon on Fri 3 Feb (see <http://tinyurl.com/zctkvqf>).

Bruker are offering an online seminar on the topic of "Studying cancer biology and therapeutic targets using PET technology: opening an extraordinary option" by Prof. Gianmario Sambucetti of the, Dept. of Health Sciences at the University of Genoa, Italy. Please see <http://tinyurl.com/hsl5d3x> for more information.

There is a new online course, from the University of Lille entitled Nuclear Magnetic Resonance, a compass for the nanoworld, which aims at providing basic knowledge about NMR and an overview of its applications. If anybody is interested you can find out more at <https://www.fun-mooc.fr/courses/lille1/54002S02/session02/about> if you are keen

Each year Agilent runs a new scientist forum where early career researchers can present their work in a friendly atmosphere and meet industry reps and other scientists. This year it will be on the 3rd March, again down at the Florey Institute of Neuroscience and Mental Health in Parkville (Melbourne) It is always a good and useful day out and the best speakers win prizes. More information can be found online at <http://www.agilent.com/en-us/promotions/ysf2017>.

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### SUCCESS FOR BIOPHYSICAL SOCIETY MEMBER

Congratulations to Lewis E. Kay, of the University of Toronto, who was recently elected Fellow of Biophysical Society for work on "illuminating the dynamic properties of proteins important for folding, aggregation, and function"

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### GRANTS CORNER

Some (but not all) of these were covered last month but with deadlines approaching I thought they were worth going over again.

**ATSE Grants** - The Australian Academy of Technology and Engineering (ATSE) Priming Grants enhance collaboration specifically between Australian small to medium sized enterprises (SMEs) and researchers

with SMEs and researchers in 17 priority economies. See more at <https://globalconnectionsfund.org.au/priming-grants> if you are keen.

**A Human Frontier Science Program (HFSP)** - supports "frontier research in the life sciences". They have program grants for teams of scientists at any stage of their careers which have to be international in nature. It is a pretty tough grant to get but you have to be in it to win it so to speak. More info is available at <http://www.hfsp.org/> under the research grant tag at <http://www.hfsp.org/funding/research-grants/information-and-guidelines> if you are interested.

**Premier's Award for Health & Medical Research** - which recognises and celebrates the outstanding achievements of Victoria's early-career health and medical researchers close on the 25th Jan (<http://www.veski.org.au/pahmr>).

**National Foundation for Medical Research and Innovation Grants** - The NFMRI provides financial support to research projects and is presently calling for Expressions of Interest for the 2017 Annual Grant Round. Note that the call for 2017 is only open for Portfolio 2 and Portfolio 3 applications. The common focus of portfolio 2 and 3 grants is enabling researchers to access research capability and capacity beyond their labs and institution to advance their biomedical discoveries and innovations. You can find out more at <http://www.nfmri.org.au/research-and-innovation/apply-for-support/> if you are interested.

**NIH Metabolomics Grant** - A reminder that there is a new grant opportunity from the NIH in the USA on the topic of "Novel analytical approaches for metabolomics data (R03)" The aim is to foster collaboration between computational scientists, metabolomics experts and biomedical researchers. The total budget is worth USD 1 million, to fund six to seven awards in fiscal year 2017. The closing date is the 14th Feb 17 though I assume most of you will want to get it in before that day. See <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-001.html> for more information.

**VESKI - Innovation Fellowships** - The website says that these are designed to bring outstanding international scientists and researchers to Victoria to conduct research. You need to have lived outside Australia for 12 months prior to submitting your application but applications are looked at all year round. You can find out more at <http://www.veski.org.au/vif?q=vif-criteria>

**Herman Slade Foundation grants** - Provides project grants up to A\$30,000 per year for up to three years. Grants are awarded to Australian institutions for activities within Australia. The next round of applications will close at 5.00pm on Friday March 10, 2017 for new grants beginning in July 2017. See <http://www.hermonslade.org.au/guidelines.html> for more details.

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## PASSING OF EMERITUS PROFESSOR HOWARD BRADBURY AM

ANZMAG members may know the sad news that Howard Bradbury of the ANU sadly passed away at the end of November last year. Prof Bradbury was a pioneer of biomolecular NMR in Australia. A full obituary written by John Carver and Ray Norton will appear in the next edition of ANZMAGazine later in the year.

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## STORIES FROM THE WEB

- <http://tinyurl.com/zqs64pc> - Something a little different this week. A very interesting story on how Muonium spectroscopy can reveal photochemical reactivity and dynamics of specific carbons.
- <http://tinyurl.com/jkcw43t> - Take one magnetic field strength into an experiment? Not for the team of researchers who modified an NMR spectrometer to allow multiple fields to be used in one experiment.
- <http://tinyurl.com/j7ohchn> - A very Australian story on the use of MRI imaging to map the brain of the extinct Tasmanian tiger – with some interesting results.