

## ANZMAG NEWS – MAY 2020

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Dear all,

Welcome to the May 2020 edition of ANZMAG News. I hope that everybody and their families are well? COVID19 has slowed the news cycle somewhat (unless you are into Victorian state politics of course) but I hope this month's newsletter will be of interest.

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### TEACHING

Kevin Gardner has kindly established a YouTube channel where the **Emerging Topics in Biomolecular Magnetic Resonance Lecture series**. The 2<sup>nd</sup> edition of the lecture series on "Emerging Topics in Biomolecular Magnetic Resonance" will be held on June 11th, 2020. The zoom link is <https://zoom.us/j/91219438807?pwd=NHZnbUZHZ1d0YW1YcStJU2t0dlBEZz09> (Webinar-ID: 912 1943 8807 Password: bioNMR2020). It will feature Ann E. McDermott (Columbia University) and Hashim Al-Hashimi (Duke University). Both are excellent speakers.

Thanks to Profs Frances Separovic and Ray Norton for sending this in.

**Bruker** is also running a number of online webinars that might be of interest to some. See <https://www.bruker.com/events/webinars.html> for details.

I gave an online seminar on "**Developing students' data analysis & visualisation skills**" if anyone is having trouble sleeping. It should be online at <https://sites.rmit.edu.au/sister/2020/06/09/solutions-lab-14-developing-students-data-analysis-visualisation-skills/>

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### PAPER OF THE MONTH

This month's paper of the month is fresh from the hallowed pages of Analytical Chemistry. The title is "**Phosphorus NMR and its application to metabolomics**". It is by Fatema Bhinderwal *et al.* I liked this one since although it is not the first to discuss using alternative nuclei for NMR metabolomics (see <https://tinyurl.com/y9nmmb27> for a short overview) it takes a very in depth and focussed look at the use of <sup>31</sup>P NMR in the field and contributes some new material to help. You can read it at <https://tinyurl.com/ybd8fsj2>

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### AWARDS AND PRIZES

Nominations are invited for the Royal Society of Victoria Medal for Excellence in Scientific Research 2020 in Category IV: Physical Sciences. See <https://rsv.org.au/awards-and-prizes/research-medal/>

**From last month** - Applications for the 2020 GSK Award for Research Excellence (<https://tinyurl.com/ydg5sxzg>) close on 4<sup>th</sup> August

See also <https://www.science.org.au/supporting-science/recognition/external-sources-recognition>

Please let me know if I missed any out.

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## APPLICATIONS ARE OPEN FOR SECTION EDITOR POSITIONS WITH METABOLITES

Metabolites (<https://www.mdpi.com/journal/metabolites>) is an international open access journal led by Editor-in-Chief Prof Peter Meikle from the Baker Heart and Diabetes Institute, Australia. The Journal is devoted to all areas of metabolism and metabolomics and is published monthly online by MDPI and is the partner journal of the Metabolomics Society (MetSoc).

If you are interested in becoming a Section Editor for Metabolites, please send your full academic CV and a short cover letter that details your interest and enthusiasm for the position. Please also indicate the journal sections you feel match your expertise and interest. The documents should be sent to [metabolites@mdpi.com](mailto:metabolites@mdpi.com) before 30 June 2020.

I should note here that I am an associate editor with Metabolites as part of my director role at the Metabolomics Society.

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## STORIES FROM THE WEB

- <https://advances.sciencemag.org/content/6/22/eaaz8244>

OK this is more of a paper than an article, OK it is a paper but there is not much new EPR news this month. This paper is on the topic of Kilohertz electron paramagnetic resonance spectroscopy.

- <https://www.itnonline.com/content/advanced-mri-scans-may-improve-treatment-tremor-parkinsons-disease>

This article is on how advanced MRI scans may improve treatment of Parkinson's disease.

- <https://phys.org/news/2020-06-cutting-edge-paves-future-nmr-spectroscopy.html>

This story is on the use of quantum chemistry in NMR experiments.

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## JOKES

For a change I thought I would end a few chemistry/MR jokes this month seeing as 2020 has not been a great year. I hope they will not get too bad a reaction 😊

