



AuPS News



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December 2016

President's report

I believe the AuPS is continuing well in its job of promoting and supporting quality research and teaching in Physiology in Australia, highlighted by the very successful annual meeting just ended in Adelaide. Membership numbers continue to grow, in particular our Student membership, which is a clear indicator that our scientific meeting is providing a stimulating environment for these young scientists. As the Treasurer reported, our finances are in good shape, with healthy reserves and a small operating surplus, despite the very substantial outlays devoted to bringing in many eminent international and national speakers to participate in our scientific meeting, and the subsidies and travel grants provided to our student members.



I thank all the members of Council for their hard work again this year, particularly Matt Watt who has just finished his three year term as National Secretary. Matt has done an extraordinary job, diligently running all the day-to-day business of the Society as well as ensuring all the requisite deadlines were met and Council ran smoothly. I would also like to thank Jim Bell, who has just finished his term on Council and contributed greatly in his role looking after Sponsors, and further thank Glenn Wadley, who has done a really great job as Assistant Editor/Webmaster as well as putting together all our Newsletters. Fortunately, we have some very capable new hands to help out. Deanne Hryciw (Griffith University) has already taken up the role of National Secretary, Chris Shaw (Deakin University) will be Associate Editor and Renee Dwyer (University of Tasmania) will be Webmaster, and I welcome them all to Council. Finally, I note that my term as President will finish at the end of next year, and that following recommendation by Council and vote at the recent Annual General Meeting, Gordon Lynch of the University of Melbourne is taking up the role of President-Elect for the forthcoming year before starting a three year position as President.

Our scientific meeting in Adelaide this year was held jointly with Australian Society for Biophysics (ASB) and was a very great success. We had a large attendance and with three and sometimes four sessions running in parallel throughout the conference there were a great many interesting talks to attend. The format provided both a large range of high quality symposium presentations and many sessions composed of the usual fifteen minute oral free communications, the latter ensuring the meeting continues to provide that important avenue for training and scientific discourse. We are all extremely grateful to Janna Morrison and the rest of the local organizing committee for putting on this first class meeting and ensuring such smooth running of the scientific program and all the wonderful

social events, including the memorable dinner at Adelaide Oval. The AuPS Invited Lecturer and medal winner for 2016 was Lea Delbridge of the University of Melbourne, who presented a fascinating insight into the role of autophagy in cardiac function and dysfunction. Suzanne Scarlata (Worcester Polytechnic Institute, USA) gave the ASB Plenary Lecture entitled "Caveolae membrane domains connect G protein-mediated calcium signals with mechanical deformation", which was of great interest to both physiologists and biophysicists. And Julia Choate, the winner of the 2015 Michael Roberts Excellence in Physiology Education Award, gave her award lecture entitled "Preparing our students for employment with in-curriculum skills development". Furthermore, there were also thirteen symposia covering a wide range of topics, an Education Workshop, as well as a large number of sessions for free oral communications, including for the first time one on Physiology Education, and also a well-attended session of poster presentations.

As usual it was a great pleasure at the dinner to present the primary awards of the Society to very deserving members. The winner of the 2016 Michael Roberts Excellence in Physiology Education Award was Katerina Tangalakis of Victoria University, who will present her award lecture at the meeting next year. The other prizes were sponsored by SDR Scientific, a long-time supporter of the AuPS; we remain grateful to SDR Scientific for its continuing support of these prizes. The AuPS PhD Publication prize went to Rosemary Cater from University of Sydney. The AK McIntyre Prize, which is awarded periodically to members of the Society who are judged to have made significant contributions to Australian physiological science over their pre-doctoral and early post-doctoral years was awarded to Kimberley Mellor of the University of Auckland (and formerly the University of Melbourne) for her important research contributions in the area of diabetic cardiomyopathy and her outstanding track record in many areas. Finally, it was a particular pleasure to present Honorary Membership of the AuPS to Angela Dulhunty, who has made many profound contributions in the area of skeletal muscle research and guided the careers of numerous young researchers over more than four decades, as well having supported the AuPS and its meetings in many ways.

The annual meeting next year will be held on November 19th to 22nd, about two weeks earlier than usual, at the Victorian College of Pharmacy (Monash University) in Royal Parade in Parkville. There will be a call for Symposia soon, as well as for nominations for the society member to present the AuPS Annual Lecture for 2017.

AuPS has continued involvement with Science and Technology Australia, again sending two representatives to the annual Science Meets Parliament event in Canberra, which is an important way researchers can learn how the parliamentary system works and communicate their passion in science directly to parliamentarians. AuPS also continued its involvement with the Chinese Physiological Society, sponsoring a joint symposium at an international meeting in Beijing in September. We also maintain links with the Japanese Physiological Society, with plans to have a joint symposium at the Melbourne meeting next year, with further plans under considerations for a closer link with the Physiological Society of the UK. Finally, Council has been spurred on by Lea Delbridge to show that it recognizes the importance of early career investigators, and specifically wishes to have more input from such ECIs by having one Council position reserved for an ECI. This was supported at the Annual General Meeting and Council will shortly investigate how to bring this about and put any necessary modifications to Constitution to the vote by members soon.

Prof Graham Lamb, AuPS President.

Prof Phil Poronnik appointed Chair of the National Committee for Biomedical Sciences.

On behalf of AuPS, congratulations to Professor Philip Poronnik who has been appointed as Chair of the National Committee for Biomedical Sciences of the Australian Academy of Science for the next three years. The National Committee for Biomedical Sciences (NCBMS) aims to foster the biomedical sciences in Australia, link the Academy to Australian biomedical scientists and relevant scientific societies, and serve as a link between Australian and overseas scientists, primarily through the unions of the International Council for Science. The NCBMS provides input into relevant submissions or responses from the Academy, and meets with grant funding agencies to discuss items of interest to the biomedical sciences community. The committee also supports the work of the Biosciences Education Australia Network (BEAN). Source: <http://sydney.edu.au/medicine/physiology/>

A MAGNIFICENT 2016 MEETING



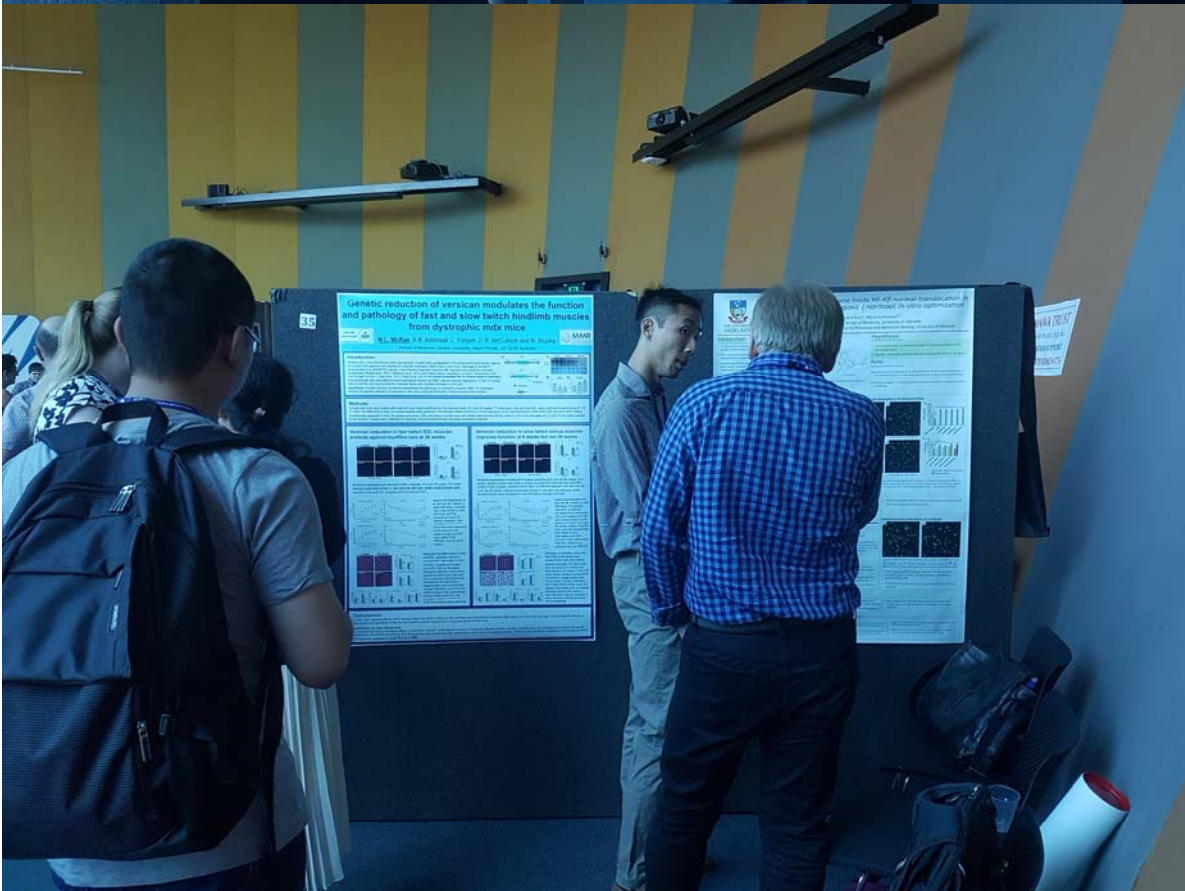
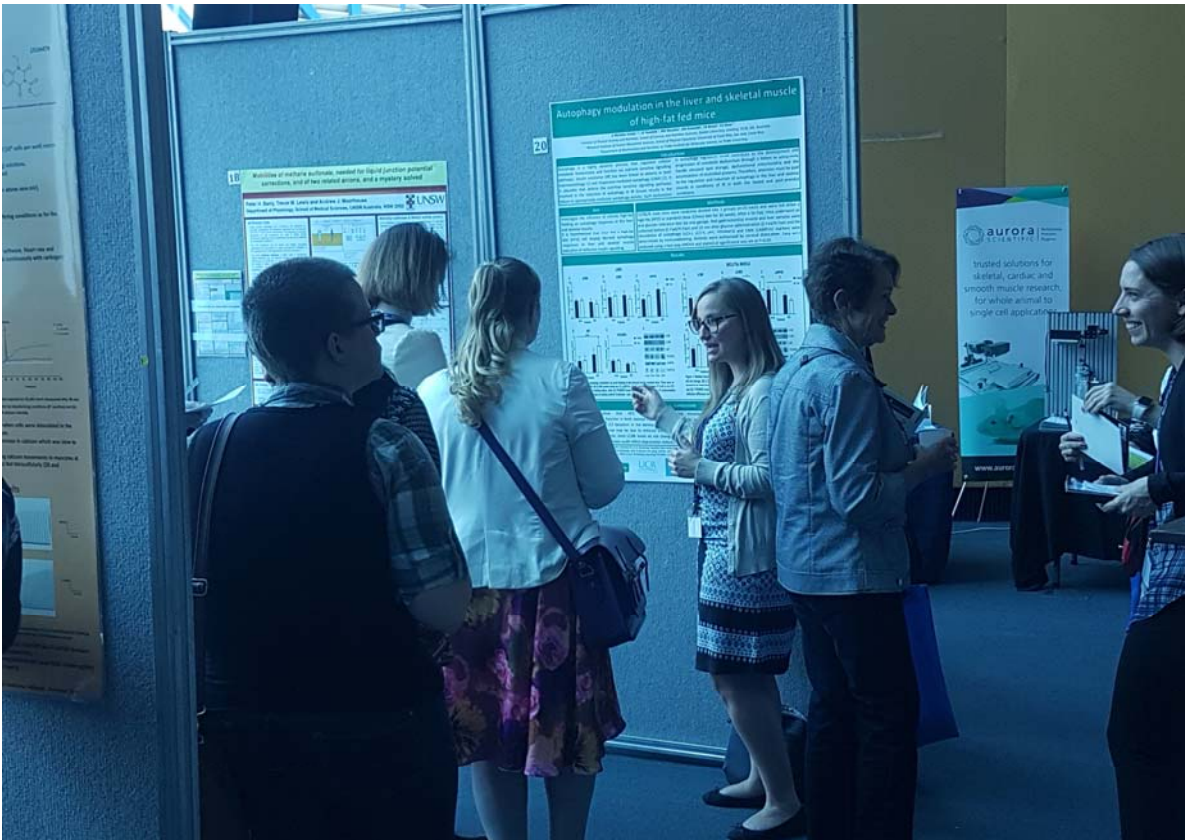
The 2016 AuPS scientific meeting officially began on Sunday night with the AuPS invited lecture by Prof Lea Delbridge.

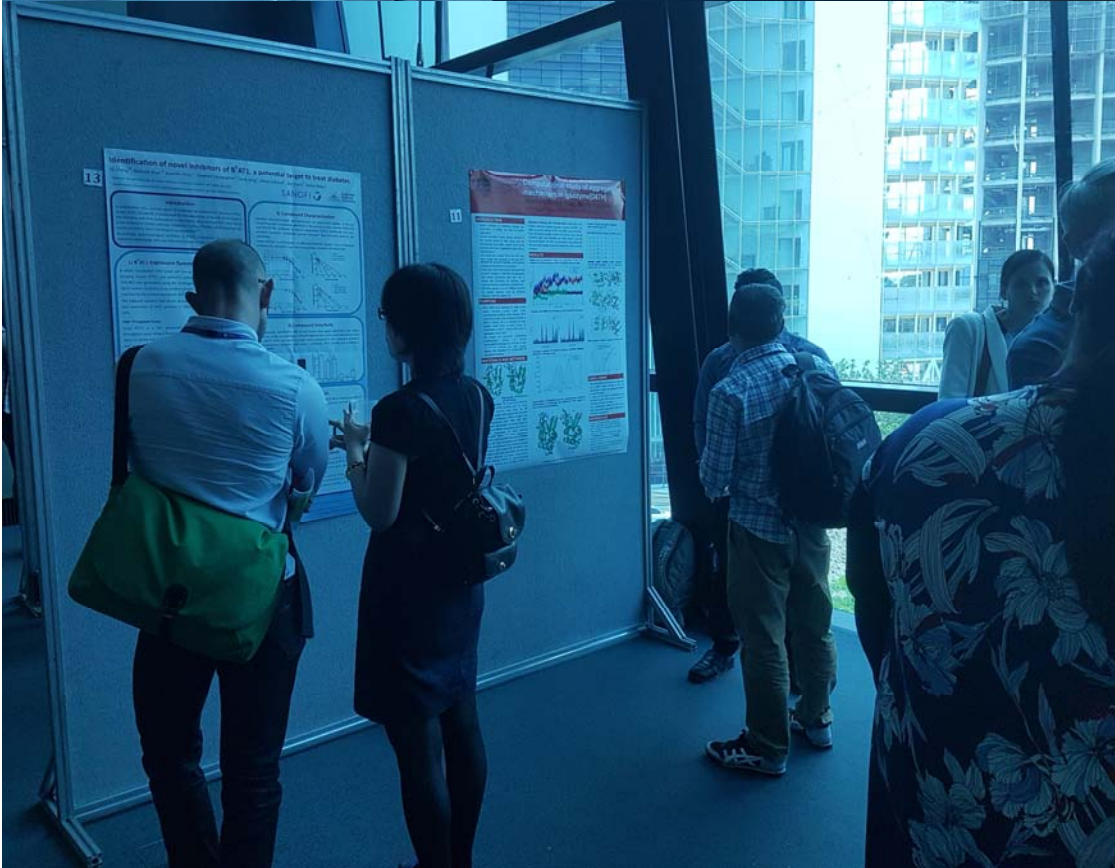


Followed by a lively welcome function



Plenty of discussion in the poster session





And busy trade displays



Well attended Early Career workshop



And well attended Council dinner



A world class venue for the conference dinner



Fantastic dinner at Adelaide Oval





Congratulations!!!

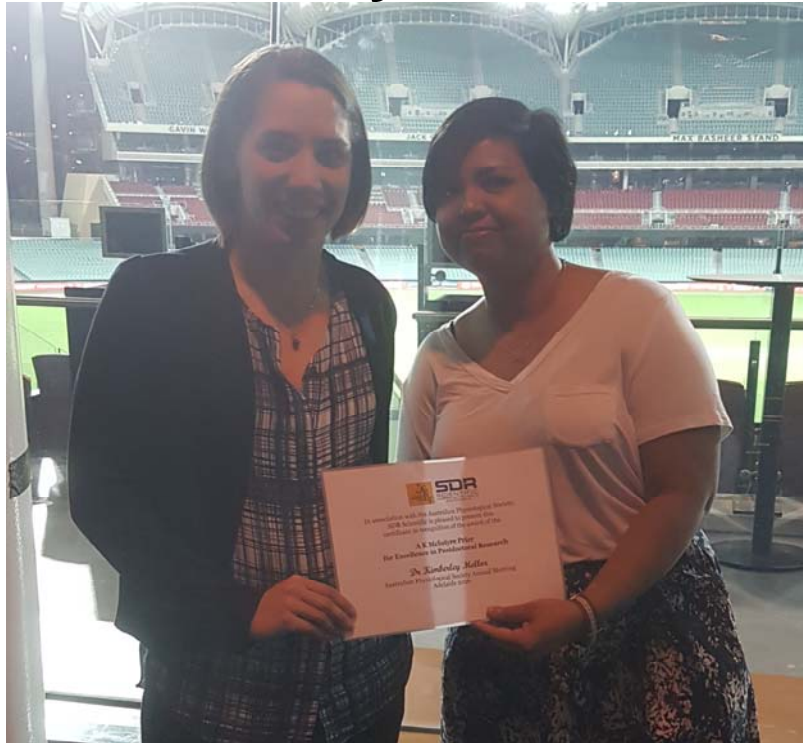


Prof Angela Dulhunty was awarded AuPS Honorary membership



aurora | Performance.
SCIENTIFIC | Precision.
Progress.

The AK McIntyre Prize winner



Dr Kim Mellor (University of Auckland, pictured left) being congratulated by **Annisha Shahparee** (SDR Scientific, right) for being awarded the **AK McIntyre Prize** (donated by SDR Scientific). The prize consists of a medal, certificate and the sum of \$1000.

The Michael Roberts Award



Dr Kathy Tangalakis (Victoria University, pictured left), being presented the award by Prof Graham Lamb (right) as winner of the Michael Roberts Excellence in Physiology Education Award. This award, includes a medal and an invitation to make a symposium presentation at next year's meeting.

PhD publication prize



The prize was awarded to **Ms Rosemary Cater** (University of Sydney). This annual, \$500 award is for the best original paper published by an AuPS member during the course of their PhD studies and is sponsored by SDR Scientific.

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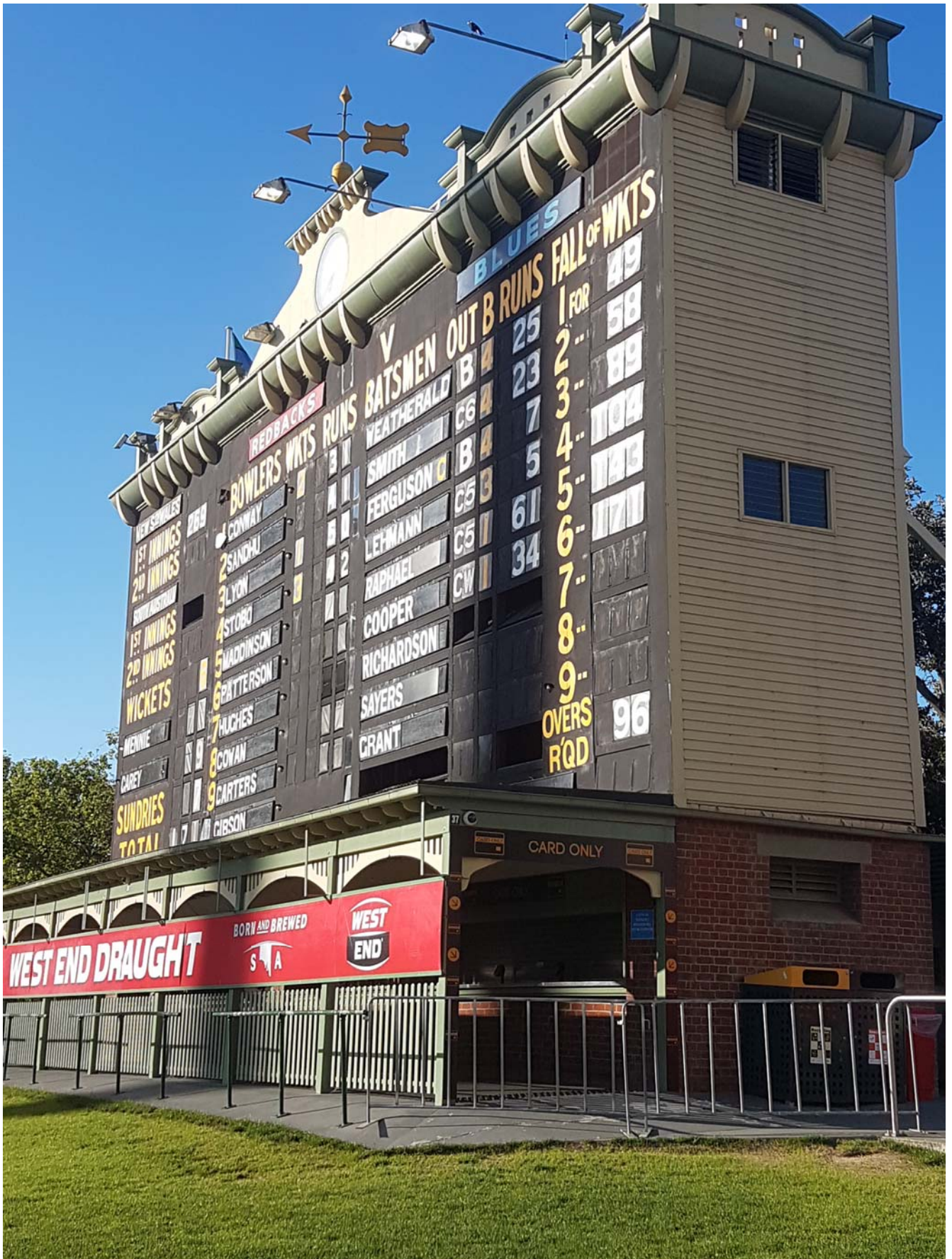
Student presentation prizes



Best oral presentation prizes: 1st prize was awarded to **Mitchell Lock** from the University of South Australia (pictured left with Prof Lamb). The prize was sponsored by SDR Scientific and consists of a certificate and the sum of \$250. 2nd prize worth \$100 and sponsored by SDR Scientific went to **Catherine Wingate** (University of Western Australia pictured (pictured right with Prof Lamb)).

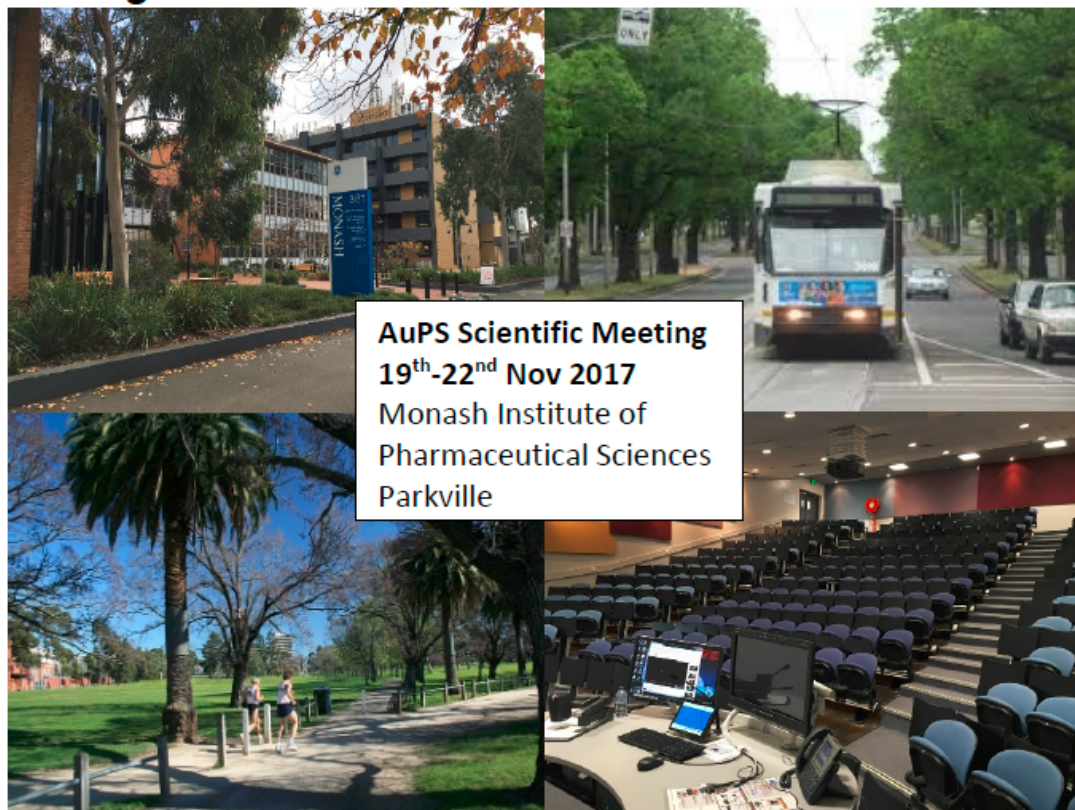


Best poster presentation prizes: 1st prize was awarded to **Melissa Adams** (South Australian Health and Medical Research Institute, pictured left with Prof Russell). The prize is sponsored by SDR and consists of a certificate and the sum of \$250. 2nd prize worth \$100 and sponsored by SDR Scientific went to **Johannes Janssens** (University of Melbourne, pictured right with Prof Russell).





Looking forward to Melbourne 2017



AuPS Scientific Meeting
19th-22nd Nov 2017
Monash Institute of
Pharmaceutical Sciences
Parkville

Local organizing committee chair:
Natalie Trevaskis: natalie.trevaskis@monash.edu



THE UNIVERSITY
of ADELAIDE





The 94th Annual Meeting of the Physiological Society of Japan

March 28 (Tue) – 30 (Thu), 2017
ACT CITY Hamamatsu

Presidents
Tetsumei Urano, MD, PhD
(Professor, Department of Medical Physiology, Hamamatsu University School of Medicine)
Atsuo Fukuda, MD, PhD
(Professor, Department of Neurophysiology, Hamamatsu University School of Medicine)

Illuminating the mechanisms of life
from the harmony of molecules
to the dynamics of organisms

Pre-registration period
September 9, 2016–January 13, 2017

Abstract submission period
September 9, 2016–October 31, 2016

<http://www.procomu.jp/seiri2017/english/index.html>

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This issue of AuPS News was compiled by Glenn Wadley and Chris Shaw with many thanks to the generous contributors.

The next issue of AuPS News will be distributed to members in March 2017.
All contributions for AuPS News should be sent to: newsletter@aps.org.au before the end of February.