

AuPS News – October 2024

Biomolecular Horizons 2024

This year was truly unique, as the AuPS had the honour of participating in the Biomolecular Horizons 2024 conference, held from September 22-26 at the Melbourne Convention & Exhibition Centre in Australia. The event was a resounding success, showcasing the exceptional quality of scientific presentations and symposia from our members. We experienced numerous fruitful interactions with both national and international societies, fostering collaboration and innovation in our field.

A big thank you goes to the Local Organizing Committee Chairs, Prof. Robyn Murphy from La Trobe University, and A/Prof. Adam Rose from Monash University, for their outstanding efforts in making this event a remarkable experience for all involved.

Congratulations to all our AuPS Award Winners 2024

AK McIntyre Prize

Dr James McNamara

Murdoch Children's Research Institute

The A K McIntyre Prize is named in honour of the Society's first President and is awarded periodically to members of the Society who are judged to have made significant contributions to Australian physiological science and to AuPS over their pre-doctoral and early post-doctoral years.

Congratulations
James!



Previous AK McIntyre Winners



President Prof Livia Hool (left), Dr James McNamara (middle), National Secretary A/Prof Severine Lamon (right).

Michael Roberts Excellence in Physiology Education Award

Dr Betty Exintaris
Monash University

The Michael Roberts Excellence in Physiology Education Award is an award bestowed annually by the AuPS in memory of Michael Roberts, who was a lifelong passionate and dedicated advocate of physiology teaching and education. Betty was awarded this prize in recognition of her contribution to physiology education, her numerous education achievements and awards, nationally and internationally, as well as your long history of being loved by your students.

Congratulations Betty!

Invited Lecturer

Prof Mark Febbraio
Monash University

Professor Mark Febbraio, a distinguished figure in Exercise Physiology, has made significant contributions to Systems Biology, particularly in understanding how skeletal muscle synthesizes and secretes proteins, launching a new field in physiology. With over 50,000 citations and ranked in the top 0.01% of scientists in Medicine, his work has influenced the development of therapeutics like Olamkicept® and BGP-15. An active member of AuPS since 1990, he has organized symposia and brought numerous esteemed scientists to our meetings, while also mentoring many current members. Given his remarkable achievements and contributions, he is this year's highly deserving recipient of the AuPS Invited Lecture Medal, especially at this year's Biomolecular Horizons meeting.



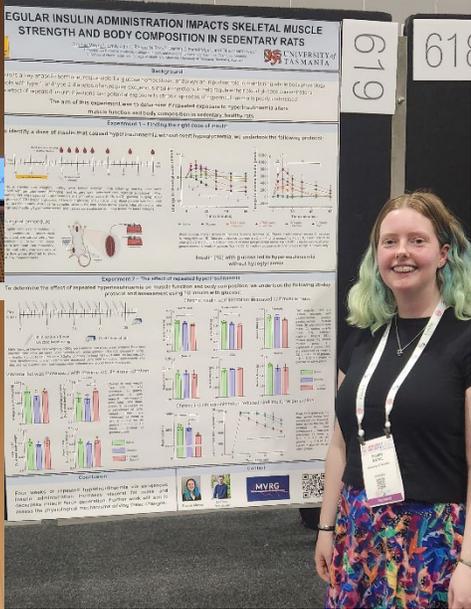
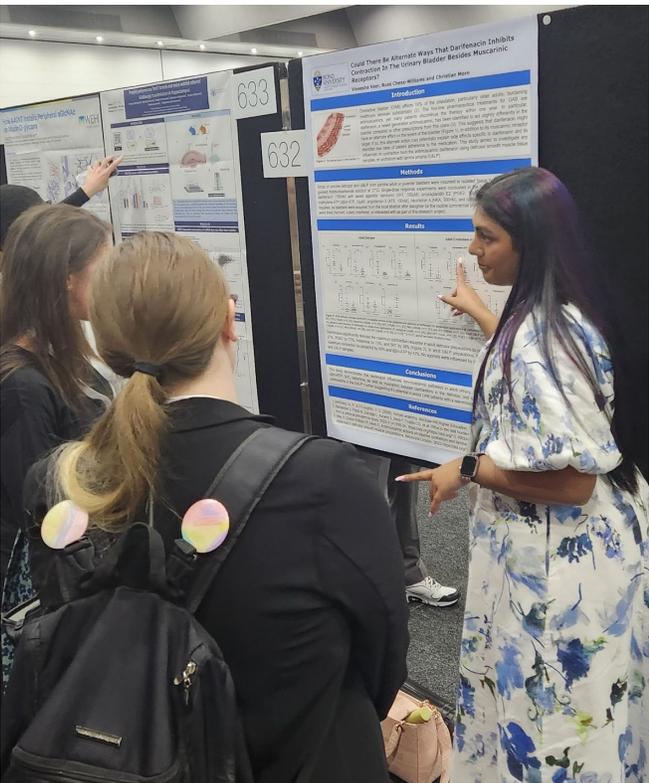
Student Poster Presentation Prize

Teagan Er
University of Western Australia

For her poster presentation entitled "Investigating the role of tubulin in the regulation of mitochondrial energetics in the heart".









AGM

Our AGM will be held via **Zoom on 03/12/2024 from 3-4 PM.**

It is essential that as many members as possible attend the AGM, so important decisions (e.g. new council members, budget) can be officially ratified. Winners will be announced for our remaining awards and prizes (including the Postdoctoral Research Publication Prize, PhD Research Publication Prize, Physiology Education Grant and the AuPS HDR Student Collaborative Grant).

Please register for the online AGM [here](#).

In other news

Check out this insightful invited editorial authored by our President, Prof Livia Hool, previous president Prof Robyn Murphy along with National Secretary A/Prof Séverine Lamon, representing our Society.

Physiology: A Perspective from the Australian Experience

Robyn Murphy, Séverine Lamon, Livia Hool

Physiol Rep. 2024 Sep;12(17):e70045. doi: 10.14814/phy2.70045.

Read it [here](#)

This article offers a valuable perspective on the field of physiology from an Australian viewpoint. Don't miss it!

Free myotatic reflex protocol (Tendon Hammer Giveaway)

Transform Your Teaching with Lt!

Lt is an all-in-one online platform featuring over 900 lessons and labs that actively engage students with real data, both inside and outside the lab. With Lt, students can record and analyze real physiological signals using Lt Sensors or PowerLab, allowing them to reinforce theory through hands-on experimentation. For instance, teach your students a lesson they'll never forget with the myotatic reflex! Use this free protocol to have your students compare the joint angle and latency of the myotatic reflex under normal conditions and while performing the Jendrassik maneuver.

Get the [protocol here!](#) link

Want to enhance your lab setup? Answer our quiz question correctly, and you could win a free Tendon Hammer Sensor, perfect for this protocol and other labs! Submit your answer [here](#).

Engage your students in active learning with [Lt Sensors!](#) A cost-effective way for your students to quickly & easily record biosignals directly into Lt via USB. Find out more [here!](#)

Do you have some funds that need to be spent by the end of December? You can get up to **15% off** your new Powerlab if you trade in your older PowerLab model. Contact Amy (a.cheah@adinstruments.com) or click this [link](#) to request a quote.



Keep an eye out for the December Newsletter where the some of our award winners will be featured.

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Thank you to AD Instruments for your continuing support of AuPS



This issue of AuPS News was compiled by Danielle Hiam with many thanks to the generous contributors. The next issue of AuPS News will be distributed to members in December 2024. All contributions for AuPS News should be sent to: danielle.hiam@deakin.edu.au before the end of November.