



## ***Sydney 2012 Joint AuPS/PSNZ/ASB Meeting***

**2012 Sydney - Australian Physiological Society/ Physiological Society of New Zealand and Australian Society for Biophysics - 2-5 December.**  
**University of New South Wales, UNSW Kensington Campus, Sydney**

### ***AuPS invited lecturer:***

***Prof Joe Lynch:*** Queensland Brain Institute; School of Biomedical Sciences, Univ. Qld.

### ***Invited plenary speakers:***

***Prof Håkan Westerblad*** - Scandinavian Exchange Lecturer, Karolinska Inst. Sweden.

***Prof Lutz Birnbaumer*** - National Institute of Environmental Health Sciences, USA.

### ***Symposia with international speakers***

- New insights into cardiac Ca<sup>2+</sup> handling and excitability
- Physiology education
- Advances in methods for intestinal motility
- Molecular insight via advanced fluorescence microscopy
- Cystic fibrosis: Today and tomorrow
- Bridging the gap between molecular reductionism and physiology- the usefulness of 'omics'
- Spectral imaging in physiology – a highlight of techniques
- Integrative physiology of the heart
- Perinatal asphyxia: adaptation and consequences
- A vignette of TRP ion channel physiology
- Calcium signalling in microdomains essential to normal cell function
- Science at the high performance computing frontier
- Muscular adaptations to exercise: mechanisms at play
- Brain dysfunction and translational neurophysiology
- Autonomic physiology - nutrient sensing in the GI tract
- Skeletal muscle in health and disease
- Developments in auditory and vestibular physiology
- Ion Channels: from Structure to Function and drug targets
- ***Conference Dinner on Sydney Harbour:***
- ***Student dinner networking***
- ***Free communications & Poster Sessions with awards***
- ***UNSW campus accommodation options***

Breaking news about this exciting meeting is available at:

<http://aups.org.au/Meetings/201212/>

Local organizing committee contact: [c.riordan@unsw.edu.au](mailto:c.riordan@unsw.edu.au)