

Discipline of Pharmacology Seminar Series

Wednesday 27th July to Wednesday 9th November, 12-1 pm

Norman Gregg Lecture Theatre, Edward Ford Building

Seminar Organiser: Renae Ryan (renae.ryan@sydney.edu.au)

- 27th July** **Tan Sirivanta (Transporter Biology Group)**
- The use of chimeric transporters to identify functional domains in the glutamate transporter family
- 3rd August** **Dr. Andrew Dawson (Senior Staff Specialist in Toxicology, RPA)**
- Antidotes for Poisoning: Translational Clinical Trials in Sri Lanka
- 10th August** **Adena Spiro (Cannabinoid Science Research Group)**
- Cannabis and Schizophrenia - Can modulation of ABC transporters explain the relationship?
- Ernestine Chung (Purine Neuropharmacology Group)**
- Mechanism of sperm transport: a role for interstitial cells of Cajal
- 17th August** **Jarrah Spencer (Cannabinoid Science Research Group)**
- Animal model for genetic susceptibility to schizophrenia
- 24th August** **Professor Gary Halliday (Discipline of Dermatology, USyd)**
- Repair of ultraviolet radiation-induced oxidative DNA damage and chromatin remodelling in skin cancer
- 31st August** **Professor Carol Armour (Discipline of Pharmacology, Woolcock Institute)**
- Providing evidence for pharmacists and asthma care in the community
- 7th Sept** **Professor Jamie Vandenberg (Victor Chang Cardiac Research Institute)**
- HERG K⁺ channel dysfunction and drug-induced cardiac arrhythmias
- 8th Sept** **[SPECIAL SEMINAR – THURSDAY – Old Teachers College - 1pm](#)**
- Professor Iain Lamont (Biochemistry Department, University of Otago)**
- Using molecular approaches to understand iron uptake and infection by *Pseudomonas aeruginosa*

- 14th Sept** **Joe Liu (Chemical Biology in Drug Discovery Group)**
New Adamantyl-based Conjugates of DFOB for Treating Iron Overload
- 21st Sept** **Phuoc Thien Huynh (Cancer Therapeutics Research Group)**
Inflammatory determinants for colorectal cancer treatment
- Tulip Lifa (Chemical Biology in Drug Discovery Group)**
Towards the synthesis of a library of macrocyclic compounds
- Amanda Scopelliti (Transporter Biology Group)**
Molecular determinants of substrate selectivity in the glutamate transporter family
- 28th Sept** **No Seminar – Discipline of Pharmacology Research Forum**
- 5th Oct** **Associate Professor Mark Molloy (APAF Director, Macquarie University)**
Next-Gen Proteomics – Real and pseudo protein enrichments applied to cancer research
- 12th Oct** **Professor Joe Lynch (QLD Brain Institute, University of Queensland)**
Ivermectin, a successful anthelmintic drug and a neuroscience tool
- 19th Oct** **Tariq Chohan (Cannabinoid Science Research Group)**
Gene environment interactions in an animal model of Schizophrenia
- Reem Bashour (Transporter Biology Group)**
Exploring cysteine transport by the human glutamate transporter, EAAT3
- 26th Oct** **Dr. Nicola Smith (Victor Chang Cardiac Research Institute)**
Free Fatty Acid receptors 2 & 3: the challenging pharmacology of low affinity receptors
- 2nd Nov** **Professor Liz Harry (iThreeInstitute, University of Technology, Sydney)**
Identifying how bacterial cells find their middle
- 9th Nov** **Qi Ge (Respiratory Research Group)**
The role of airway epithelial and smooth muscle cells in airway remodeling and inflammation