

PHARMACOLOGY

Monthly Newsletter



NOVEMBER 2009

THIS MONTH

RECURRENT EVENTS

School Research Seminars

http://health.adelaide.edu.au/school_meds/programs/seminars.html

Mondays 1:10 in the School Tea Room, Level 1, Medical School Nth, Frome Road

Next Pharmacology Seminar:

2 November: Assoc Prof Paul Delfabbro

IMVS Seminars

http://www.hansoninstitute.sa.gov.au/seminar_program.htm

ABSENCES

Jason White

- 23 Oct; 1-5 Nov (Conf);
- 16-25 Nov (Trial)
- 29 Nov-2 Dec (Conf)

Andrew Somogyi

- Nov 18-24: (AL)
- Nov 26: Canberra (MEC)
- Nov30-Dec 3: ASCEPT (Sydney)

Mark Hutchinson

- Oct 14 to Nov 10 - NIDA SFN satellite Oct 16;
- SFN Oct 17-21; TLROZ Oct 28-30

Janet Coller

- 8-11 Nov (Conf)
- 23 Dec -2nd Jan 2010 (AL)

Femke Buisman-Pijlman

- 17 Dec 2009- 14 Jan 2010 (AL)

Linda Gowing

- 9 Oct – 6 Nov (AL/Conf)

Peter Grace

- 2 Oct – 6 Nov (Conf & visits)

Nicolas Authier

- 9 Nov - 20 Nov (teaching in France)

Scott Smid

- Dec 7-18 (AL)

Gordon Crabb

- 25 Dec - 10 Jan 2010 (AL)

UPCOMING MEETINGS:

Adelaide Pharmacology Group – Annual Meeting

The Adelaide Pharmacology Group will meet on Tuesday 8th December 2009, 2-5 pm at the Basil Hetzel Institute, 37A Woodville Road, Woodville. The guest speaker will be Professor Ann Daly, Professor of Pharmacogenetics at the Institute of Cellular Medicine, Newcastle University, UK. Her research interests are on the pharmacogenetics of the human cytochromes P450 and drug transporters, genetic susceptibility to adverse drug reactions and the genetics of complex diseases. Current projects include (i) studies on the genetic basis of drug-induced liver injury with special reference to the role of immunogenetic factors and (ii) translation of pharmacogenetic findings on coumarin anticoagulants to the clinic including the use of near-patient testing.

SUCCESSSES (awards, grants, papers, editorials etc)

Grants:

- Principal Investigator SD Smid; Associate Investigators: Drs Adrian Cummins & Rachel Gibson. Functional Role Of The Endogenous Cannabinoid System In Inflammatory Bowel Disease. The Broad Medical Research Program \$USD 130,000, 2010-2011.

Conference Attendance:

- Scott Smid attended the 1st National Symposium on Advances in Urogenital and Gut Research in Melbourne on Oct. 30 and was a member of the organising committee for the meeting.
- Janet Coller will be in Christchurch, New Zealand from Nov 8-11th to speak on the Genetics of Drug Dependence at the 5th Carney Symposium and in Sydney from Nov 27th - Dec 3rd for ASCEPT.
- Femke Buisman-Pijlman will present: New online International Master of Science in Addiction Studies: a joined effort to improve learning and access to training, Femke Buisman-Pijlman, Mary Loos, Kim Wolff, John Strang, Robert Balster, Jason White at APSAD: 1-4 November 2009, Darwin.
- Linda Gowing will present a paper: Management of Opioid Withdrawal - Current Status of Research Evidence at the APSAD conference in Darwin, 1-4 November 2009.

Published Papers:

- Hay JL, Kaboutari J, White JM, Salem A, Irvine R. Model of methadone-induced hyperalgesia in rats and effect of memantine. *Eur J Pharmacol.* 2009 Oct 8. [Epub ahead of print]
- Smid, SD. Role of Prostaglandins and specific place in therapy of Bimatoprost in the treatment of elevated intraocular pressure and ocular hypertension: a closer look at the agonist properties of Bimatoprost. *Clinical Ophthalmology* (in press).
- Liu L, Hutchinson MR, White JM, Somogyi AA, Coller JK (2009) Association of IL-1B genetic polymorphisms with an increased risk of opioid and alcohol dependence: proinflammatory cytokine linkage to drug dependence. *Pharmacogenetics and Genomics* accepted 14th August.
- Richard Hallinan & Séverine Crettol & Kingsley Agho & John Attia & Jacques Besson & Marina Croquette-Krokar & Robert Hämmig & Jean-Jacques Déglon & Andrew Byrne & John Ray & Andrew A. Somogyi & Chin B Eap. Cannabis and benzodiazepines as determinants of methadone trough plasma concentration variability in maintenance treatment: a transnational study *Eap pharmacokinetics And Disposition.* *Eur J Clin Pharmacol* (2009) 65:1113-1120 DOI 10.1007/s00228-009-0706-8
- Lisa Loram, Jacqueline Harrison, Evan Sloane, Mark Hutchinson, Paige Sholar, Frederick Taylor, Debra Berkelhammer, Benjamin Coats, Stephen Poole, Erin Milligan, Steven Maier, Jayson Rieger, and Linda Watkins, Enduring Reversal Of Neuropathic Pain By A Single Intrathecal Injection Of Adenosine 2A Receptor Agonists: A Novel Therapy For Neuropathic Pain, *The Journal of Neuroscience*, accepted for publication, 9 October 2009.
- Watkins et al. (Hutchinson) The "Toll" of Opioid-Induced Glial Activation: Improving the Clinical Efficacy of Opioids by Targeting Glia. *Trends Pharmacol Sci* (2009) in press.
- Lewis, Hutchinson et al Evidence that intrathecal morphine-3-glucuronide may cause pain enhancement via toll-like receptor 4/MD-2 and interleukin-1, *Neuroscience* (in press)
- Hutchinson et al Evidence for a role of heat shock protein-90 (HSP90) in TLR4 mediated pain enhancement in rats, *Neuroscience* (in press)

FUNDING LINKS:

Closing Date	Event	Info Link
various	Research Branch Funding Opportunities	http://www.adelaide.edu.au/rb/Find/news/Bulletin/ http://www.adelaide.edu.au/rb/funding/opps.html
various	Faculty of Health Sciences Research Grants website	http://www.adelaide.edu.au/health/research/grants/
various	Wellcome Trust	http://www.wellcome.ac.uk/doc_wtx022004.html
anytime	Macquarie Bank Foundation	http://www.macquarie.com.au/au/about_macquarie/macquarie_in_the_community/application_process.htm
anytime	National Drug Law Enforcement Research	http://www.health.gov.au/pubhlth/nds/igcd/ndlerf/
anytime	Macquarie Bank Foundation	http://www.macquarie.com.au/au/about_macquarie/macquarie_in_the_community/application_process.htm
anytime	Alcohol Education And Rehabilitation Foundation Ltd	http://www.aerf.com.au/community/about.aspx
anytime	Institute for the Study of Aging - Academic Grant Programs (drug discovery and drug development)	http://www.aging-institute.org/

UPCOMING CONFERENCES

- TLROZ 2009, Pattern Recognition Receptors in Health and Disease, 28-30th October 2009, Mantra Legends Hotel, Surfers Paradise, Qld
<http://www.tlroz2009.com/>
- NIDA Mini Convention: Frontiers in Addiction Research, a satellite meeting of the Society for Neuroscience (SfN) satellite, Friday, October 16, 2009
<https://www.seiservices.com/nida/frontiers2009/>
- Society for Neuroscience, Neuroscience 2009, Oct. 17-21, in Chicago, Ill
<http://www.sfn.org/am2009/>
- 11th Congress of Therapeutic Drug Monitoring & Clinical Toxicology, 3-8 October, 2009, Montreal, Canada.
<http://www.eventsmgt.com/montreal2009/index.htm>
- 43rd ASCEPT Annual Scientific Meeting, Sydney Convention and Exhibition Centre, Darling Harbour, November 29 - December 2, 2009
<http://www.ascept.org/Events/091201/ASCEPTASM2009.aspx>
- NIDA Mini-Convention: Frontiers in Addiction Research Satellite meeting of the Society for Neuroscience Annual Meeting in Chicago on Friday, October 16, 2009
<http://www.seiservices.com/nida/frontiers2009/Index.htm>
- WorldPharma2010, 16th World Congress of Basic and Clinical Pharmacology, July 17-23, 2010, Copenhagen, Denmark
<http://www.worldpharma2010.org>
- 10th Congress of the European Association for Clinical Pharmacology and Therapeutics, "From Drug Research to Therapy for the Benefit of Patients", 22-25 June, 2011, Budapest, Hungary
<http://www.eacpt.org/dnn/> (site not yet up)

USEFUL LINKS

- Adelaide Research & Innovation newsletter
<http://www.adelaide.edu.au/aripl/news/>
- IMVS
<http://www.hansoninstitute.sa.gov.au/index.php>
- DEST National Research Priorities
<http://www.deewr.gov.au/Pages/default.aspx>
- NHMRC Funding Calendar
<http://www.nhmrc.gov.au/funding>
- Adwatch looks at misleading pharmaceutical advertising
<http://www.healthskepticism.org>
- Kyoto Encyclopedia of Genes and Genomes
<http://www.genome.jp/kegg/>
- Research jobs
<http://www.researchjobs.net.au/newsletter.php>
- Pharmacokinetic Principles
<http://www.icp.org.nz>

DEADLINE FOR NEXT ISSUE – NOVEMBER 30

karen.nunes-vaz@adelaide.edu.au