



apls

Advanced Paediatric
Life Support

PAC 2019 CONFERENCE



Advanced Paediatric
Life Support

Welcome to PAC 2019!

A very warm welcome to stunning Perth for what we promise will be a great few days of paediatric acute care education and some great fun as well.

This year's conference is entitled "PAC 2019: Go West" as we hold the conference in the great state of WA for the first time.

Our PAC conference started out as a way to say thank you to all of our APLS instructors for their tireless volunteer efforts and the way in which these efforts contribute so positively to the health of Australian children.

As PAC has grown, the APLS Board wanted to recognise the large cohort of our instructors who live in WA and thought it timely to hold our conference in magnificent Perth – the home of our newest paediatric hospital!

The Paediatric Acute Care conference provides an opportunity for our APLS Community of Practice to come together to update our knowledge, renew our friendships and enjoy some of that renowned Perth hospitality. Our program this year is designed to appeal to the expanding breadth and depth of our audience with a variety of topics, speakers and perspectives.

I look forward to catching up with many of you during the conference... and if we haven't met yet, come up and say hello.

Please enjoy our 2019 APLS Paediatric Acute Care Conference: "PAC 2019: Go West!"

JASON ACWORTH
PRESIDENT, APLS AUSTRALIA

CREDITS

SCIENTIFIC COMMITTEE

Jason Acworth,
Kate Bradman, Jane
Cichero, Anthony Gar-
cia, Nicole Ghedina,
Ed Oakley, Jane Stan-
ford, Noel Roberts

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David Watton, Adrian
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PROMOTIONAL PHOTOGRAPHY

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DELEGATE INFORMATION

VENUE

Pan Pacific Hotel, 207 Adelaide Terrace,
Perth, WA

SESSIONS & SEMINARS

Grand River Room, Pan Pacific. Fri 25 Oct,
8.30am-5pm; Sat 26 Oct, 9am-5pm. APLS
Instructor Day, Thurs 24 Oct. APLS direc-
tors only from 10am, instructors from 1pm.

WORKSHOPS

Fri 25 Oct from 3.15pm. If you didn't pre-
register for a workshop but would like to
attend, speak to an APLS staff member to
check availability.

Sim skills: Please meet at the front of the
hotel at 3.15pm for a coach to Perth Chil-
dren's Hospital. Coach returns 5.30pm.

Hypnotherapy: Grand River Room

Challenging conversations: Grand River Room

TONI MEDCALF PLENARY

This year's Toni Medcalf Plenary will be giv-
en by Meredith Borland. This keynote ses-

sion at each PAC conference is dedicated
to the memory of Toni, a much-loved APLS
director, board member and convenor of
the first two PAC conferences.

SOCIAL

Welcome Drinks | Thurs 24 Oct
Bar Uma, Pan Pacific Hotel.

Peruvian bites and welcome drinks to
launch PAC 2019. Canapés and drinks
from 5.30pm.

Conference Gala Dinner | Fri 25 Oct
Matilda Bay Restaurant, 3 Hackett Drive,
Crawley

Centrepiece gala dinner by the bay. 6.45pm
drinks and canapés, followed by dinner at
7.30pm. Matilda Bay is a 10 minute drive
from the hotel. There will be a coach avail-
able to get you there which will be leaving
the hotel at 6.30pm. Please meet out the
front of the hotel. We understand guests
may want to leave the dinner at different
times, so we suggest an Uber or taxi for
your return trip.

SESSIONS & SPEAKERS THURSDAY

Calibration, simulation
and participation:
APLS instructor day

Ben Symon

Simulation self-sabotage

1pm, Thurs

Ben is a Paediatric Emergency Physi-
cian at The Prince Charles Hospital and

Simulation Consultant at Queensland
Children's Hospital. He is co-producer
for the Simulation Podcast 'Simulcast'
where he facilitates an online interna-
tional journal club on sim literature. Ben
is international faculty for The Debriefing
Academy in Canada, and core faculty for
the ESDC for APLS.

Jane Stanford

Calibrating assessment

2pm, Thurs

Jane joined the APLS team in 2012.
The main focus of the Educator role is
to support the ongoing development of
skills and behaviours to help balance
consistency in curriculum with learner

centred teaching. Another aspect of this role is to help enable APLS and PLS course updates and program changes to occur. Experience and education that Jane draws on to support APLS faculty include: adult critical care nursing, Postgrad Diploma in Adult Education, a diversion of 2 ½ years working in HR at a tertiary hospital, and finally a Masters in Program Evaluation with a research project looking at validating the use of an alternative form of written assessment for APLS (the Script Concordance Test). Jane continues to be motivated by the diversity, commitment and energy of the APLS Community of Practice.

Chris Webber

Calibrating assessment

2pm, Thurs

Chris is a Paediatric Emergency Physician working at Sydney Children's Hospital, Randwick and currently the Head of Department. He completed his degree at the University of Queensland in 1980 and internship in Townsville, then worked in Mount Isa and Richmond, Queensland. He then completed a Diploma of Obstetrics at the Gold Coast Hospital where his interest in paediatrics started, being the other six months of the 12 month position. Paediatric training commenced at Royal Children's Hospital, Brisbane and was completed at Sydney Children's Hospital, Randwick (previously Prince of Wales Children's Hospital). He worked for nearly 20 years as a retrieval consultant with NETS NSW. Chris was one of the 12 "disciples" who completed the first Australian APLS course for 12 participants in 1997. They progressed immediately to an Instructor course and completed their first Instructor Candidacy within 10 days of commencement! He remains heavily involved in instructing and directing Provider and Generic Instructor Courses, including supporting colleagues in Fiji.

FRIDAY

the best
of the west

Fiona Wood

Paediatric burns: the hot topics

8.45am, Fri

Fiona is a Plastic & Reconstructive Surgeon specialising in the field of burn care, trauma and scar reconstruction. As Director of the WA Burns Service of Western Australia she is consultant at Perth Children's Hospital and Fiona Stanley Hospital. As director of burns research she leads an interdisciplinary team with broad collaboration focused on translation to improve clinical outcomes. She has been the recipient of the 2003 Australian Medical Association's Contribution to Medicine Award and an Order of Australia Medal for work with Bali bombing victims. As a National Living Treasure and Australian Citizen of the Year in 2004, she received the honour of being named Australian of the Year in 2005. Fiona and Marie Stoner, co-founders of Clinical Cell Culture, now Avita-medical, won the 2005 Clunies Ross Award for their contributions to Medical Science in Australia.

Toni Medcalf Plenary

Meredith Borland

Paediatric wheeze: will steroids make a comeback?

9.20am, Fri

Meredith is a Paediatric Emergency Physician and the Director of Emergency Medicine at Perth Children's Hospital. She is the current Chair of the PREDICT research network. Her particular research interest includes intranasal fentanyl for

acute pain, acute respiratory conditions (including viral induced wheeze, asthma and croup) and the management of head injuries and abdominal pain in the ED setting. She has been actively involved in the development of the Australasian Bronchiolitis guideline and subsequent research into methods to effectively translate the guideline into clinical practice.

Chris Blyth

Paediatric flu: fits, fears and fallacies

9.55am, Fri

Chris is a Paediatric Infectious Diseases Physician at Perth Children's Hospital and Clinical Microbiologist with Path-West. In addition, he is director of the Wesfarmers Centre for Vaccines and Infectious Diseases at Telethon Kids Institute and Associate Professor of Paediatrics at University of Western Australia. He is also chair of the Australian Technical Advisory Group on Immunisation, the peak scientific immunisation committee providing advice to the Commonwealth Department of Health and a NHMRC Career Development Fellow. His research and policy work focuses on vaccine preventable disease, particularly those causing acute respiratory infection in children.

...could this
be sepsis?

Elliot Long

Predicting organ dysfunction and the requirement for organ support therapy in sepsis

11am, Fri

Elliot is a Paediatric Emergency Physician working at the Royal Children's Hospital in Melbourne. He has been an APLS instructor since 2008. He recently completed a PhD on the topic of fluid resuscitation in sepsis to the delight of

his wife and children. He is looking forward to post-doctoral studies on the topic of maintaining work-life balance.

Stephen Macdonald

Sepsis: new therapies

11.20am, Fri

Stephen is a Consultant Emergency Physician at Royal Perth Hospital and Research Fellow at the Centre for Clinical Research in Emergency Medicine within the Harry Perkins Institute of Medical Research. Dr Macdonald's main research focus is sepsis, including laboratory-based and clinical studies. He is engaged in a number of initiatives to improve the quality of sepsis care both locally and nationally. He has received a prestigious international award from the Global Sepsis Alliance for his sepsis research and advocacy work. Dr Macdonald is a section editor for Emergency Medicine Australia, and a member of the ACEM Research Committee and Clinical Trials Network Executive.

Luregn Schlapbach

Sepsis: systems of care

11.40am, Fri

Luregn is Associate Professor at the University of Queensland and Senior Staff Specialist in the 36-bed multidisciplinary PICU at Queensland Children's Hospital in Brisbane. He is the the medical lead of the Paediatric Critical Care Research Group (PCCRG) at the Child Health Research Centre. He holds a NHMRC Practitioner Fellowship on Sepsis, Infection, and Inflammation in Critically Ill Children and is current Chair of the ANZICS Paediatric Study Group. Luregn is group head on the Pediatric Surviving Sepsis Campaign, Co-Chair of the international Paediatric Sepsis Definition Taskforce, and the paediatric lead for the Queensland Sepsis Collaborative. He has been leading observational, genomic, and interventional pediatric sepsis studies and is involved in international consortia on

life-threatening childhood infections. Luregn is in the steering board of several NHMRC funded paediatric interventional trials. Luregn's research has focused on sepsis and life-threatening infections in critically ill neonates and children, including aspects such as epidemiology, sepsis markers, outcomes and genomics in this highly vulnerable patient group. He is interested in improving our understanding of why some children become critically unwell because of infections, and in developing better approaches to allow early recognition and targeted treatment of sepsis and severe infections in children.

Sepsis: panel Q&A

All speakers

12pm-12.30pm, Fri

PREDICT presents: rapid fire evidence updates

Stuart Dalziel

Guidelines: panacea or placebo?

1.30pm, Fri

Stuart is a specialist paediatrician with sub-specialty training in paediatric emergency medicine. He is the Director of Emergency Medicine Research at Starship Children's Hospital, Auckland, and a Professor of Paediatrics and Emergency Medicine at The University of Auckland. Stuart is involved in both local and international emergency medicine research groups. He is the past chair of PREDICT and the chair of the Pediatric Emergency Research Networks (PERN), a collaboration of the eight major international paediatric emergency medicine research networks. His research interests are focused around acute paediatric presentations, specifically respiratory and neurological presentations, as well as

long-term effects of perinatal / early life treatments.

Franz Babi

Head CT in children with head injuries: the evidence and the bottom line

2pm, Fri

Franz is a Paediatric Emergency Physician and the Professor of Paediatric Emergency Medicine at the University of Melbourne. He is the director of research at the emergency department of the Royal Children's Hospital in Melbourne, and head of emergency research at the Murdoch Children's Research Institute. He is the founding chair and a current vice-chair of PREDICT, the paediatric emergency research network in Australia and New Zealand, and an executive committee member of PERN, the global collaboration of emergency research networks. His research focus is on multi-centre randomized controlled trials and large observational studies in emergency conditions in children. He has sourced more than \$15 million in grant funding over the last 5 years and has published over 250 peer-reviewed papers.

Stuart Dalziel

Evidence-based management of convulsive status epilepticus

2.30pm, Fri

See above for bio.

Workshops: cool, calm or collected?

SIM skills

3.15pm, Fri

Four small group sessions will run concurrently during the two 45 minute sessions at Perth Children's Hospital. Each session is limited to 10 participants to maximise participation and learning. The sessions and instructors are:

Immersive trauma simulation and debrief
Jasmyrn Coleman, Nurse Educator, Simulation Instructor, PCH.

Margie Lane, Nurse Educator, Simulation Instructor, PCH, APLS Instructor.

Sarah Clarke, Emergency Physician, Simulation Instructor, PCH, APLS Instructor.

Debriefing techniques in simulation, practical application with trigger videos

Tom Rawlings, Co-Director of Simulation, Anaesthetist, PCH, APLS Instructor

Safe emergency airway management workshop: exploring a team-based approach and pause & discuss debriefing

Julia Slykerman, Anaesthetist, Prince Charles Hospital, QLD, APLS Instructor

Lisa Khoo, Anaesthetist, PCH, APLS Instructor

Vortex approach to emergency paediatric airway management

Noel Roberts, Anaesthetist, Monash Children's Hospital, APLS Instructor

Paddie Cowie, Anaesthetist, PCH, Simulation Instructor, PCH

Rob Laing

Practical paediatric hypnotherapy in acute care (without the H word)

3.15pm-5.15pm, Fri

Rob is a Senior Staff Specialist Children's Anaesthetist at the Women's and Children's Hospital in Adelaide. He's interested in hypnosis and communication in perioperative and acute care settings. He has a particular interest in helping children and parents use their own resources to manage stressful situations. His other clinical interests are craniofacial surgery, thoracic surgery and management of massive blood loss using point of care testing for rational decision making in blood transfusion. APLS Instructor since 2011. Diploma in Clinical Hypnosis through the SA Society of Hypnosis

2016. Away from hospital he enjoys his family life, mountain bike, Bruno the Vizsla and hypnosis workshops.

Natasha Epari

Practical paediatric hypnotherapy in acute care (without the H word)

3.15pm-5.15pm, Fri

Natasha is a Consultant Paediatric Anaesthetist at Perth Children's Hospital. She completed her undergraduate medical training in Tasmania and her specialty training in anaesthesia in Perth. She subsequently undertook fellowships in paediatric anaesthesia at Princess Margaret Hospital, Western Australia and Great Ormond Street Hospital, London. She is an APLS instructor and has special interests in perioperative anxiety management, medical education and environmental sustainability in health care.

Amanda Stock

Practical paediatric hypnotherapy in acute care (without the H word)

3.15pm-5.15pm, Fri

Amanda's philosophy has always been the empowerment of patients and their carers in the chaotic environment of the ED and so when Rob Laing presented his hypnosis workshop at PAC 2017 she was hooked! Learning basic hypnotherapeutic techniques and therapeutic use of language gave her additional tools for her kit and means that procedural sedation is not always necessary. How many of our pharmacological treatments have no adverse effects, cost nothing, can be used later for party tricks and utilise the wonderful imaginations of our patients?

Stewart Dunn

HR: challenging conversations with your colleagues

3.15pm-5pm, Fri

Stewart's clinical speciality is the psychological care of cancer patients and their families, medical students and staff. His research interests include psychological

aspects of medical illness, doctor-patient and inter-professional communication, and human factors in medical error. He has over \$5 million in peer-reviewed grant funding and 250 journal articles and scientific abstracts. Stewart recently retired after nine years from his appointment as Associate Dean (Admissions) at Sydney Medical School. He has received ten research travel awards and nine teaching awards including the University of Sydney Faculty of Medicine Outstanding Teaching Award in 2005 and 2012, and the Distinguished Professorial Achievement Award in 2017. As Director of the Pam McLean Centre, he conducts regular communication skills workshops internationally, working with a team of professional actors and clinicians.

Donna Brooks

HR: challenging conversations with your colleagues

3.15pm-5pm, Fri

Donna is one of the Pam McLean team of actors, assisting in the delivery of experiential simulation workshops. She has worked extensively in the corporate and medical sectors facilitating roleplays.

If you didn't pre-register for a workshop but would like to attend, speak to an APLS staff member.

SATURDAY

what's hot in burns?

Mark Fear

Burns: new and exciting research

9am, Sat

Mark completed his undergraduate degree at Oxford in 1996, worked in the USA at Northwestern University for two

years then did his PhD at University of London and Royal London Hospital. He came to Perth in 2003 and has worked in burns with Fiona Wood since 2006.

Tania McWilliams

Burns: telehealth

9.20am, Sat

Tanya is Clinical Nurse Consultant for the state paediatric burns service for WA at Perth Children's Hospital. She has worked in the area of burns for 22 years, and runs the statewide paediatric burns telehealth service as part of her role.

Nutan Chaudhari

Burns: improving scars

9.40am, Sat

Nutan is a full time PhD student at the Burn Injury Research Unit, University of Western Australia. Her current research project is "Development of Lysyl Oxidase inhibitors for treatment and management of scarring and skin fibrosis". Previously she has completed a Master of Pharmacy (Pharmacology as major) from Pune University, India. She also has industry and hospital pharmacy experience.

Burns: panel Q&A

All speakers

10am-10.30am, Sat

managing the bleeding obvious

Peter Archer

Controlling bleeding: are tourniquets back again?

11am, Sat

Peter is an Emergency Physician at Royal Children's Hospital in Melbourne and Medical Director with the disaster team at the National Critical Care and Trauma Response Centre (NCCTRC) in Darwin. He is a Retrieval Physician with Ambulance

Victoria and is part of the Field Emergency Medical Officer Program in Victoria.

Helen Mead

Haemorrhage in disasters: it's a bloody battlefield out there....

11.20am, Sat

Helen is an Emergency Physician / Paediatrician, Director of Paediatric Trauma Services at Perth Children's Hospital and APLS Instructor. She instructs in Trauma Team Management and Major Incident Medical Management and Support in Asia-Pacific and Australia. She has been deployed as a member of the Australian Medical Assistance Team to Indonesia, Pakistan and the Philippines.

Megan King

Massive haemorrhage protocols in children

11.40am, Sat

Megan is an Emergency Physician, joint trained in Paediatric Emergency Medicine. She spends half her time working at Queensland Children's Hospital and the other half working at Gold Coast University Hospital. Her main clinical interest is in paediatric trauma. She com-

pleted a trauma fellow year at GCUH in 2018 and is also completing a Masters of Traumatology.

Bleeding: panel Q&A

All speakers

12pm-12.30pm, Sat

it's not just
child's play...

Di Crellin

Is that child in pain or are they just crying?

1.30pm, Sat

Di is a Nurse Practitioner in the emergency department at the Royal Children's Hospital in Melbourne, the course coordinator for the NP program at the University of Melbourne and a research fellow at the Murdoch Children's Research Institute. Her clinical research focuses on the assessment, impact and management of pain, particularly in infants and young children.

CATCH UP ON THE VERY BEST OF PAC.



PAC On Demand.

Every conference session. **Free.**

vimeo.com/aplsaustralia

Gillian Griffiths

Engage not enrage: using play and engagement to minimise the psychological impact of emergency care

1.50pm, Sat

Gillian is an Occupational Therapist with 20 years experience as a senior practitioner, program manager, author, consultant and facilitator of professional development and caregiver programs across Australia. Gillian coordinates the KKind Service at Perth Children's Hospital supporting trauma informed and responsive care for patients, caregivers and staff. The aim of KKind is to minimise trauma, anxiety and distress caused by illness, injury and being in hospital while building coping and capability.

Ranita Sidhu

Engage not enrage: using play and engagement to minimise the psychological impact of emergency care

1.50pm, Sat

Ranita is Occupational Therapist Coordinator Oncology at PCH with over 25 years of clinical, teaching and leadership experience. Her research interests include paediatric oncology and supporting grief and loss.

toxicology:
it's the little things
that kill you

Jessamine Soderstrom

Panel: it's the little things that kill you

3.20pm, Sat

Jessamine is a Clinical Toxicologist and Emergency Physician at Royal Perth Hospital. She is the current head of Clinical Toxicology at RPH and a member of the WA Toxicology Service and the Clinical Centre of Research in Emergency Medicine. Her current area of research is Metamphetamines and novel psychoactives. Her aim is to foster collaborations

between Emergency Departments and Forensic laboratories around the country to form a national registry for emerging drugs of abuse (Emerging Drugs Network of Australia). This will serve as a surveillance tool and also the development of an early warning system.

Gareth Wahl

Panel: it's the little things that kill you

3.20pm, Sat

Gareth is an Emergency Physician and Clinical Toxicology fellow at the Sir Charles Gairdner Hospital in Nedlands, WA. He has interests in critical care, toxicology and point of care ultrasound/echocardiography.

Daniel Fatovich

Panel: it's the little things that kill you

3.20pm, Sat

Daniel is a Senior Emergency Physician at Royal Perth Hospital ED, and has led extensive research into drug and alcohol issues. He was deputy chair of the WA state government Methamphetamine Taskforce. He is Professor of Emergency Medicine, UWA, and Head of the Centre for Clinical Research in Emergency Medicine, one of several research centres within the Harry Perkins Institute of Medical Research. Daniel is also Director of Research for Royal Perth Hospital.

David McCutcheon

Panel: it's the little things that kill you

3.20pm, Sat

David is an Emergency Physician at Royal Perth Hospital, and a Clinical Research Fellow at the Centre for Clinical Research in Emergency Medicine. He is a Senior Lecturer in Emergency Medicine at the University of Western Australia. His principal areas of research interest are novel psychoactive substances (NPS) and methamphetamine, and he is the coordinating principal investigator for the Western Australian Illicit Substance Evaluation (WISE) project.

CELEBRATE

Christmas Lunch with us.

'Extravaganza'

GRAND RIVER AND GOLDEN BALLROOMS, LUNCH \$178PP

Indulge in luxurious style with a selection of delicious seafood including freshly shucked oysters and prawns, a range of traditional hot favorites including roast turkey, pork belly and Atlantic salmon as well as an impressive selection of cold salads and charcuterie. Save room for dessert with Christmas pudding, mince pies and trifle taking pride of place!

A range of activities will keep everyone entertained: hotel swimming pool access, movie room, arts and crafts corner, games and puzzles, bouncing castle, a post lunch Happy Hour and of course a visit from Santa!

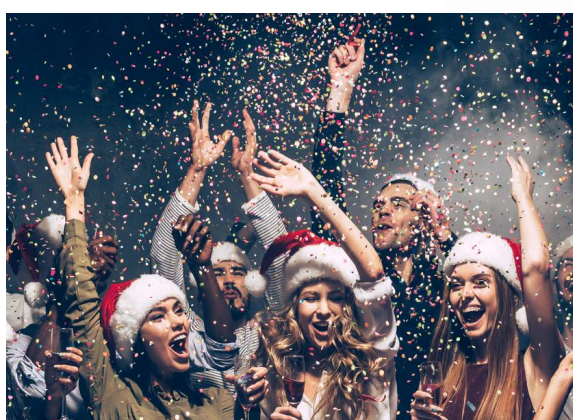
12noon until 2:30pm

Adults \$178pp | Children 13-17 \$118pp

Children 6-12 \$68pp | Children and under \$38pp

BOOK BY 30TH OF NOVEMBER 2019

ENJOY 20% OFF



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PAN PACIFIC
PERTH

THU 24

APLS Directors

10am
Welcome & updates

APLS Instructors

12.30pm Lunch

1pm
Simulation self-sabotage
Ben Symon

2pm
Calibrating assessment
Jane Stanford, Chris Webber

3.30pm Afternoon tea

3.45pm
APLS committee updates

4.30pm
APLS AGM

5pm Close

5.30pm
Welcome Drinks

FRI 25

8.30am
Welcome to PAC 2019

...the best of the west
8.45am
Paeds burns: the hot topics
Fiona Wood

9.20am
Paediatric wheeze
Meredith Borland

9.55am
Flu: fits, fears and fallacies
Chris Blyth

10.30am Morning Tea

...could this be sepsis?

11am
Sepsis: Diagnosis
Elliot Long

11.20am
Sepsis: New therapies
Stephen Macdonald

11.40am
Sepsis: Systems of care
Luregn Schlappbach

12.30pm Lunch

...predict presents:
rapid fire **evidence** updates
1.30pm
Guidelines: panacea or placebo?
Stuart Dalziel

2pm
Head CT in kids: the evidence
Franz Babl

2.30pm
Status epilepticus guidelines
Stuart Dalziel

3pm Afternoon tea

...cool, calm or **collected?**
3.15pm
Workshops
SIM skills, Hypnotherapy,
Challenging conversations

7pm
Conference Gala Dinner

SAT 26

...what's hot in burns?
9am
Burns: Exciting research
Mark Fear

9.20am
Burns: Teleheath
Tania McWilliams

9.40am
Burns: Improving scars
Nutan Chaudhari

10.30am Morning Tea

...managing the
bleeding obvious

11am
Controlling bleeding
Peter Archer

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Is that child in pain or are they just crying?
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Engage not enrage: use of therapeutic play
Gillian Griffiths,
Ranita Sidhu

3pm Afternoon tea

...it's the little things
that kill you

3.20pm
Toxicology
Panel: Gareth Wahl,
Jessamine Soderstrom,
Daniel Fatovich,
David McCutcheon

5pm Close

MORNING

LUNCH

AFTERNOON

EVENING