

# SEAWP-RMP

Southeast Asian Western Pacific Regional  
Meeting of Pharmacologists

# ASCEPT

Annual Scientific Meeting of the Australasian Society of Clinical  
and Experimental Pharmacologists and Toxicologists

# Invitation

Joint meeting

December 3-6, 2007

Adelaide, South Australia

Includes Special Joint Symposia with HBPRCA

Adelaide

Sydney

Melbourne

For more information go to [www.ascept.org](http://www.ascept.org),  
[www.meetingsfirst.com.au](http://www.meetingsfirst.com.au) or [ascept@meetingsfirst.com.au](mailto:ascept@meetingsfirst.com.au)  
or fax +613 9739 7076



Images courtesy South Australian Tourist Commission



# INVITATION

Join us in Adelaide for the 10th Southeast Asian Western Pacific Regional Meeting of Pharmacologists and the 41st Annual Scientific Meeting of ASCEPT, plus special joint symposia with the HBPRCA

On behalf of the Southeast Asian Western Pacific (SEAWP) Regional Federation of Pharmacologists and the Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists (ASCEPT), we would like to invite you to participate in the combined Scientific Meeting of the two societies.

Apart from ASCEPT, the SEAWP Federation includes the national pharmacological societies of Japan, Korea, China, Taiwan, Thailand, Malaysia, Indonesia, Singapore and the Philippines. Thus, the conference will truly be regional in nature.

To be held at the Hilton Adelaide from December 2 - 6, the theme of the SEAWP-ASCEPT meeting is 'Drug and Chemical Safety'. In this regard, we are delighted that Professor William Evans will open the meeting with a presentation on 'Pharmacogenomics and personalised medicine'. Other distinguished plenary speakers include Professor Masao Endoh (Japan), Professor Samuel Chan (Taiwan), and Professor Munir Pirmohamed (Rand Anglo-Australian visitor). The program includes eleven symposia and several workshops that feature high quality speakers and 'cutting edge' science. In addition to the invited presentations, there will be time for free communications (oral and poster). More details are provided later in this booklet.

We are also collaborating with the High Blood Pressure Research Council of Australia (HBPRCA), who will be holding their Annual Scientific Meeting at the same venue from December 5 - 7. There will be two joint cardiovascular symposia, and Professor Ian Frazer will present a plenary lecture to all societies.

SEAWP will offer up to fifteen travel awards to assist post-doctoral scientists and doctoral students from the region to attend the meeting. ASCEPT is also delighted to offer one "Regional Travel Award" to each SEAWP member country. Further details are provided later in this brochure.

Please join us to make this meeting the most successful yet. We are certain that your participation in the meeting will be professionally and personally rewarding.

We look forward to seeing you in Adelaide.

**John Miners**  
Organising Committee Chair

**Masao Endoh**  
SEAWP President

**Andrew Somogyi**  
ASCEPT President

## Organising Committee

Professor John Miners (Chair)  
Professor Andrew Somogyi  
Professor Peter Mackenzie  
A/Professor Kathie Knights  
Dr Arduino Mangoni  
A/Professor Ray Morris  
Professor Paul Rolan  
Dr Betty Sallustio  
A/Professor Rob Vandenberg  
Dr Jaye Chin-Dusting (HBPRCA)

## Key dates

September 12	Abstract deadline
October 5	Accommodation bookings close
October 12	Final program due
October 31	Early bird registration close
November 10	Presenting Author registrations close
December 2	Workshops
December 3	Meeting opens
December 5	Conference Dinner
December 6	Meeting concludes

## MEETING ORGANISER

If you have any questions, please contact Angela Ritchie, Athina Patti or Jennifer Seabrook at **Meetings First**.

Telephone +61 3 9739 7697  
Fax +61 3 9739 7076  
Email [ascept@meetingsfirst.com.au](mailto:ascept@meetingsfirst.com.au)  
Internet [www.meetingsfirst.com.au](http://www.meetingsfirst.com.au)

## MEETING VENUE

Adelaide Hilton  
233 Victoria Square  
ADELAIDE SA 5000

Telephone +61 8 8217 2000  
Fax +61 8 8217 2001  
Internet [www.hilton.com](http://www.hilton.com)

# MEETING PROGRAM

Sunday, December 2			
0900 – 1700	Workshops: Careers; Therapeutic drug monitoring; Education		
1700 – 1830	Pharmacogenomics Interest Group (PHIG) Annual General Meeting		

Monday, December 3			
0900 – 0930	Opening Ceremony		
0930 – 1030	ASCEPT Plenary Lecture <i>Professor William Evans</i>		
1030 – 1100	Morning Tea		
1100 – 1300	Symposium 1 Pharmacogenetics & genomics	Symposium 2 Glutamate receptors	
1300 – 1400	Lunch and posters		
1400 – 1600	Symposium 3 Enabling technologies	Symposium 4 Adverse Drug Reactions	PHIG meeting
1600 – 1740	Johnson & Johnson New Investigators Symposium		
1740 – 1845	Welcome drinks and poster session		

Tuesday, December 4			
900 – 1000	SEAWP Plenary Lecture <i>Professor Samuel Chan</i>		
1000 – 1030	Morning Tea		
1030 – 1230	Symposium 5 Cannabinoids	Symposium 6 NSAIDs	
1230 – 1400	Lunch and posters		
1400 – 1500	Rand Anglo-Australasian Lecturer <i>Professor Munir Pirmohamed</i>		
1500 – 1700	Symposium 7 Drug metabolism & disposition	ASCEPT Oral Prize	
1700 – 1830	ASCEPT Annual General Meeting		

Wednesday, December 5			
900 – 1000	SEAWP Plenary Lecture <i>Professor Masao Endoh</i>		
1000 – 1030	Morning Tea		
1030 – 1230	Symposium 8 Herbal Medicines	Oral session	Oral session
1230 – 1400	Lunch and posters		
1400 – 1500	Rand Medal Lecture		
1500 – 1700	Symposium 9 Nanotechnology	Symposium 10 Redox signalling & oxidative stress (joint with HBPRCA)	
1900 – 2200	Annual Dinner (open to all ASCEPT, SEAWP and HBPRCA delegates and partners)		

Thursday, December 6			
900 – 1000	Austin Doyle Lecture <i>Professor Ian Frazer</i>		
1000 – 1030	Morning Tea		
1030 – 1230	Oral Session	Symposium 11 Genetics of cardiovascular disease (joint with HBPRCA)	Oral Session
1230 – 1300	Closing Ceremony/Awarding of Prizes for ASCEPT SEAWP meeting		

The High Blood Pressure Research Council of Australia Annual Scientific Meeting will continue until Friday afternoon. All delegates are welcome to attend this meeting. For registration and further information, please see [www.meetingsfirst.com.au](http://www.meetingsfirst.com.au). Delegates who register for both the SEAWP/ASCEPT and HBPRCA will receive a refund on their dinner ticket purchase.

# KEYNOTE SPEAKERS

## *SEAWP Plenary Lecture*

**Professor Masao Endoh will deliver a lecture entitled “Cardiac calcium signalling – Physiological regulation and pathophysiological and pharmacological modulation”**

Masao Endoh graduated with an MD from Tohoku University in 1966 and received his postgraduate training from the same institution. He soon developed an interest in cardiovascular pharmacology, which has remained to the present time. Dr Endoh worked as a visiting scientist at the Sandoz Pharmaceutical Research Institute (Basel, Switzerland) and the University of Essen (Germany) before returning to Tohoku University in 1975. He moved to Yamagata University in 1985, where he is currently vice-president and Professor of Cardiovascular Pharmacology. Dr Endoh has made key contributions to the understanding of the mechanisms that regulate cardiac contractile function, particularly in response to neurohormonal factors and pharmacological agents. He has published more than 220 papers, serves on the editorial boards of ten international journals, is a fellow of numerous societies (including the ISHR and the American Heart Association), and is currently the President of the Southeast Asian Western Pacific Regional Federation of Pharmacologists.

## *SEAWP Plenary Lecture*

**Professor Samuel HH Chan will deliver a lecture entitled “Multiple roles of the mitochondrion in an experimental endotoxemia model of brain death”**

Sam Chan received his PhD in Physiology from Indiana University in 1971. He held academic positions at the University of Hong Kong, Indiana University, the National University of Singapore, and the National Yang-Ming University (Taipei) before moving to his current position of Director of the Center for Neuroscience at the National Sun Yat-sen University in 1998. He additionally served as Vice-President for Academic Affairs at the National Sun Yat-sen University from 2002 to 2004. Sam Chan is recognised internationally for his distinguished contributions to the cellular and molecular basis of central cardiovascular function, particularly brain stem death and neurogenic hypertension. He has published 220 papers and received numerous awards for his research achievements. Sam Chan is currently President of the Pharmacological Society of Taiwan and Secretary General of the Southeast Asian Western Pacific Regional Federation of Pharmacologists.

## *ASCEPT Plenary Lecture*

**Professor William Evans will deliver a lecture entitled “Pharmacogenomics and personalised medicine – Cancer chemotherapy as a model”**

Dr. Evans is Director and Chief Executive Officer of St. Jude Children's Research Hospital (SJCRH), and holds the St. Jude Professorship and Endowed chair at the University of Tennessee (UT) Colleges of Pharmacy and Medicine. He received his B.Sc. and Pharm.D. degrees from the University of Tennessee College of Pharmacy and spent a sabbatical year in Prof. Urs Meyer's laboratory at the University of Basel, Switzerland (1987-88). He joined the faculty of UT as an Assistant Professor in 1974 and joined the faculty of SJCRH as an Assistant Member in 1976, rising to the rank of Full Member/Professor in 1986. From 2002-2004 he served as Scientific Director and Executive Vice President of SJCRH, and became Director and CEO in 2004. He also served as Chair of the Department of Clinical Pharmacy at UT College of Pharmacy from 1983-1991, and remains a Professor at UT. For the past 30 years, his research at St. Jude has focused on the pharmacokinetics, pharmacodynamics and more recently the pharmacogenomics of anticancer agents in children, for which he has received three consecutive NIH MERIT Awards from the National Cancer Institute of NIH. The major disease focus of his pharmacogenomics research is acute lymphoblastic leukemia in children. Dr. Evans has authored over 300 articles and book chapters, has been the editor of several textbooks and scientific journals, and has received several national awards for his research. He was elected to the Institute of Medicine of the National Academy of Sciences in 2002.

## *RAND Anglo-Australian Visitor*

**Professor Munir Pirmohamed**

Munir Pirmohamed graduated in Medicine in 1985 from the University of Liverpool. He subsequently undertook medical training at various hospitals including some of the London teaching hospitals, prior to returning to Liverpool as a MRC Clinical Training Fellow. He obtained his Ph.D. in 1993. He has since remained in Liverpool, and was awarded a Personal Chair in 2001. Professor Pirmohamed also acts as Director of the CSM Regional Monitoring Centre for Adverse Drug Reactions. Professor Pirmohamed lectures (on clinical pharmacology and medicine) for the following courses: M.B.Ch.B., B.D.S. and M.Sc. in Clinical Nursing. Professor Pirmohamed is also involved in the bed-side clinical teaching of medical students. Professor Pirmohamed's research is conducted within the Adverse Drug Reaction group. Major interests include: Elucidation of the mechanisms of adverse drug reactions, in particular focusing on the role of drug metabolism and the immune system in the pathogenesis of these reactions; The role of genetic variability in determining drug responses (efficacy and toxicity); The role of drug transporters in determining resistance to pharmacotherapy; The genetics of complex polygenic diseases such as alcoholic liver disease and epilepsy; Development of strategies to optimise the management of alcohol misuse in hospitals.

## *RAND Medal*

The Michael Rand Medal is awarded biennially to a member of ASCEPT whose research has made an outstanding contribution to the disciplines of clinical and experimental pharmacology or toxicology nationally and internationally. The award is made on the basis of the quality and impact of the candidate's published work.

## *Austin Doyle Lecture*

### **Professor Ian Frazer**

Ian Frazer is director of the Diamantina Institute of Cancer Immunology and Metabolic Medicine, a research institute of the University of Queensland at the Princess Alexandra Hospital in Brisbane. He was trained as a renal physician and clinical immunologist in Edinburgh, Scotland before emigrating in 1981 to Melbourne, Australia to continue his clinical training and to pursue studies in viral immunology and autoimmunity at the Walter and Eliza Hall Institute of Medical Research with Prof Ian Mackay. In 1985 he moved to Brisbane to take up a teaching post with the University of Queensland, and he now holds a personal chair as head of the Diamantina Institute. The Institute employs over 200 researchers and trains over 30 postgraduate students. Dr Frazer's current research interests include immunoregulation and immunotherapeutic vaccines, for which he holds research funding from several Australian and US funding bodies. Dr Frazer teaches immunology to undergraduate and graduate students of the University. He is on the board of the Queensland Cancer Fund, and is vice president of the Cancer Council Australia. He has sat on various committees of the National Health and Medical Research Council of Australia continuously over the last 15 years. He advises the WHO on papillomavirus vaccines. He was chosen as the 2006 Queenslander of the Year and the 2006 Australian of the Year.

# SYMPOSIA AND WORKSHOPS

The Organising Committee has developed an exciting scientific program that includes high quality speakers and 'cutting edge' science. The theme of the meeting, "Drug and Chemical Safety", has been woven into sessions, and the contribution of regional speakers encouraged. The diversity and quality of invited speakers is sure to provide excellent opportunities to increase knowledge and understanding of Pharmacology and Toxicology. Free communications have also been scheduled in the program and there will be poster sessions on the first three days of the meeting. Confirmed symposium speakers and topics are listed below.

## Pharmacogenetics and genomics

(Andrew Somogyi and Jae-Gook Shin)

- Mary Relling (USA): Pharmacogenetic and genomic approaches for the individualisation of anticancer drug therapy
- Munir Pirmohamed (UK): Pharmacogenetics and the prediction of ADRs
- Jae-Gook Shin (Korea): The Korean Pharmacogenomic Network - Template for a regional model?
- Annette Gross (Australia): Ethnopharmacology and pharmacogenetics

## New perspectives in drug metabolism and disposition (Sponsored by Queensland, Adelaide and Flinders Universities)

(John Miners/Rod Minchin)

- Eric Johnson (USA): X-ray crystallography as a tool for probing P450 structure-function relationships
- Yuichi Sugiyama (Japan): The role of transporters in drug disposition
- Geoffrey Tucker (UK): Predicting drug interactions
- 2 free communications

## NICNAS Symposium. Nanotechnology – Is it the new frontier? (Sponsored by NICNAS)

(Margaret Hartley and Deborah Willcocks)

- Peter Binks (Australia): Big promises from small things - The possibilities of nanotechnology
- Michael Roberts (Australia): Dermal absorption of nano particles
- Joan Heath (Australia): Antibody-coated nanoparticles to target colorectal cancer cells
- Deborah Willcocks (Australia): The challenges of regulating an emerging technology

## Glutamate receptors

(Maarten van den Buuse/Masayoshi Mishina)

- Masayoshi Mishina (Japan): NMDA receptors
- Bryce Vissel (Australia): NMDA receptor knockouts and cocaine
- Andrew Lawrence (Australia): mGluR and alcohol addiction
- Jasmine Henderson (Australia): NMDA antagonists for the treatment of Parkinson's disease

## Cannabinoids

(Rob Vandenberg/Mark Connor)

- Masanobu Kano (Japan): Mechanisms of endocannabinoid mediated retrograde modulation of synaptic transmission
- Michelle Glass (New Zealand): Intracellular trafficking of cannabinoid CB1 receptors – Implications for drug therapy
- Mark Connor (Australia): Novel sites of action of cannabinoids
- Ian McGregor (Australia): THC re-intoxication: Liberation from fat stores by food deprivation and stress

## Redox signalling and oxidative stress in the cardiovascular system (Joint symposium with the HBPRCA)

- Stavros Selemidis (Australia): Reactive oxygen species in the vasculature.
- Greg Dusting (Australia): To boldly grow what no one has grown before – The key to tissue engineering.
- 4 free communications

## Genetics of Cardiovascular Disease (Joint symposium with the HBPRCA)

- Toru Nabika (Japan): Genetic dissection of the SHRSP, a model for hypertension and cerebrovascular disease
- Stephen Harrap (Australia): Topic TBA
- 4 free communications

## Adverse Drug Reactions – Preventing Harm

(Arduino Mangoni)

- Rohan Hammett (Australia): Building drug safety into the product
- Jeffrey Aronson (UK): Taming adverse drug reactions- classification and detection
- John Knight (Australia): Industry assessment of drug safety
- Gail Easterbrook (Australia): Quantifying harm in health care: The role of ADR triggers

## Enabling technologies in drug discovery and development

(Peter Mackenzie/Don Birkett)

- Don Birkett (Australia): RNA based technologies in drug discovery
- Silviu Itescu (Australia): Stem cell technologies
- Paul Watt (Australia): Screening for peptide drug leads from biodiverse gene fragment libraries
- Jun Kanno (Japan): Percellome toxicogenomics project for mechanism based predictive toxicology – An approach to minimise toxicity in drug development

## NSAIDs – the good, the bad and the ugly (Sponsored by the National Prescribing Service)

(Kathie Knights)

- Kathie Knights (Australia): NSAIDs – More than COX inhibitors
- David Henry (Australia): COX-2 inhibitors and vascular events – Identifying determinants of risk
- Judith Mackson (Australia): Perceptions of risk and NSAIDs
- Jeff Aronson (UK): Lessons from Vioxx – A regulatory approach to problematic drugs

## Herbal Medicines (Sponsored by RMIT University)

(David Story/Tony Smith)

- Ricky Man (Hong Kong): Herbal medicines as a resource for drug discovery
- Chun Guang Li (Australia): Preclinical studies of herbal medicines
- Jianping Liu (China): Clinical evidence for efficacy and safety of herbal medicines
- David Briggs (Australia): The regulation of herbal medicines

## Therapeutic Drug Monitoring Workshop

(Ray Morris/Betty Sallustio)

- Olaf Drummer (Australia): Roadside drug testing
- Evan Begg (New Zealand): Genotyping versus phenotyping
- Noel Cranswick (Australia): Paediatric TDM
- Industry presenters: New advances and applications in mass spectrometry

## Other sessions

- Johnson & Johnson New Investigators Symposium (4 speakers)
- ASCEPT Oral Prize (8 speakers)
- Four oral sessions (for free communications) of 2 hours each. Several symposia also include free communications.
- Poster sessions on Monday, Tuesday and Wednesday.

# SPONSORS

## Principal sponsor



**Australian Government**

**Department of Health and Ageing  
NICNAS**

## Bronze sponsor



## Other sponsors

National Prescribing Service

University of Queensland - Faculty of Biological & Chemical Sciences

Johnson & Johnson Research

ADInstruments

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[www.nicnas.gov.au](http://www.nicnas.gov.au)

## **NICNAS: Regulating Industrial Chemicals for your protection**

NICNAS (National Industrial Chemicals Notification and Assessment Scheme) is the Australian Government's regulatory body for industrial chemicals, which includes solvents, adhesives, plastics, inks, laboratory chemicals, paints, coatings, cleaning products and cosmetics.

As regulator, NICNAS assesses all chemicals new to Australia as well as those already in use on a priority basis in response to concerns about their safety, thereby protecting the health of the public, workers and the environment from potential harmful effects.

### **NICNAS Registration**

NICNAS is a fully cost recovered scheme. All importers and manufacturers of relevant industrial chemicals for commercial purposes in Australia are required to register with NICNAS by paying an annual registration fee regardless of the amount of industrial chemicals imported or manufactured.

NICNAS Registration enhances worker safety and benefits the community through more widely available information and education on the safe use of chemicals. NICNAS produces reports and regular updates to increase knowledge about chemicals and chemical safety, and maintains listings of several categories of chemicals.

**For further information** about NICNAS and NICNAS Registration requirements, please phone 1800 638 528 or visit [www.nicnas.gov.au](http://www.nicnas.gov.au)

# AWARDS AND PRIZES

## *Awards and Prizes*

All abstracts submitted will be considered for all relevant prizes and finalists will be notified accordingly. ASCEPT Students must be financial members of ASCEPT by September 12 2007 to be eligible. Prizes will be awarded at the Closing Ceremony.

## *SEAWP Prizes*

Post-doctoral scientists (no more than 6 years post-doctoral) and doctoral students from SEAWP member countries (other than Australia and New Zealand) will be eligible to apply for three prizes: for the best oral presentation by a post-doctoral scientist, the best poster presentation by a post-doctoral scientist, and the best poster presentation by a doctoral student.

## *Denis Wade Johnson & Johnson New Investigator Awards*

These prestigious awards are presented at the Annual Scientific Meeting of ASCEPT at a symposium designed to showcase new investigators in clinical and experimental pharmacology and toxicology. Nominations received by the due date were assessed by ASCEPT Council and awardees determined.

## *ASCEPT Student Prizes*

### **The Percy Prize**

The Percy Prize was established in memory of Dr Neville Percy, one of the founding members of the steering committee that founded the society, now known as ASCEPT, in 1966/67. The prize is awarded annually to a higher degree student for a poster presentation.

### **The Whelan Prize**

The Whelan Prize was established in memory of Professor RF Whelan, another of the co-founders of the Society. The prize is awarded annually to an honours student for a poster presentation.

### **The ASCEPT Oral Prize**

The ASCEPT Oral Prize is awarded annually to a higher degree student for an oral communication.

**Details of prizes to be awarded by Special Interest Groups will be made available at a later date.**

**These include the:**

- *Tocris Neuropharmacology Prize*
- *Toxicology Prize (sponsored by RMIT)*
- *ANZCCART Prize*
- *Peter Meffin Prize (sponsored by TetraQ)*
- *Clinical Pharmacology Prize*

## *Student Travel Awards*

These awards are available to support student attendance at the Annual Scientific Meeting of ASCEPT. You must apply for a student travel grant when submitting your abstract for the Annual Scientific Meeting via the website, and be a financial student member of ASCEPT by September 12 2007.

## *Regional Travel Awards*

SEAWP will provide up to fifteen travel awards to assist post-doctoral scientists and senior doctoral students from SEAWP member countries (other than Australia and New Zealand) to attend the meeting.

ASCEPT are also delighted to offer one travel award to each member country of the SEAWP Federation. Recipients of these travel awards must be no more than 6 years post-doctoral, have an abstract accepted and be personally presenting that abstract at the meeting. The award will provide at least \$1000 (Australian) towards travel and accommodation and free registration.

Contact the Meeting Secretariat (Meetings First) for further details of these travel awards.

# CALL FOR ABSTRACTS BY SEPTEMBER 12

## Abstract deadline September 12, 2007

All those who wish to present oral or poster communications are invited to submit abstracts. **Deadline: midnight Wednesday September 12, 2007.** It is anticipated that the final program and notification of presentation style will occur on October 31, 2007. You must submit your abstract via the Internet ([www.meetingsfirst.com.au](http://www.meetingsfirst.com.au)).

**Please note: ASCEPT prefers that each author only submits one abstract as the presenting author.**

### Presenting Author Form

The presenting author form is self-explanatory and is part of the Internet abstract submission process. Information from this form is utilised to generate the program, so please complete carefully. Presenting authors who have not registered to attend and paid by November 10 will be assumed to have withdrawn their abstract.

Each presenting author must log in with their unique PIN – either as advised by Meetings First or generated online. All ASCEPT members currently have a PIN, which is available from Meetings First if unknown. If you do not have a PIN please select create PIN and follow the prompts. **Do not use another person's PIN or let another person use your PIN because you will delete their abstract or your own abstract and all information from the database.**

### Abstract acknowledgement

Receipt of abstracts will be acknowledged by email as well as via an automated response at the time of submission. If you do not receive an email within 7 days of abstract submission, please contact Meetings First.

### Free Oral Presentations

Free oral presentations will be of 10 minutes with 5 minutes for questions.

### Poster Presentations

A suitable poster size is 1m x 1m. Velcro strips will be provided.

## Abstract format

### 1. Size and Presentation of Abstracts

- Page size must be set to A4.
- As abstracts must fit within a print area of 16.5 cm wide by 11.0 cm high, margins should be set to L = 2.25 cm, R = 2.25cm, Top = 2.0 cm, Bottom = 16.7 cm.
- Do not apply paragraph indents - the full width of the abstract dimension must be used.
- Justify entire abstract.
- Single line spacing must be used throughout the abstract.
- Ensure all lines, tables and figures fit within the margins.
- The abstract should be typed using 10 point Times New Roman font. DO NOT use bold type.

**AUTHORS WHOSE ABSTRACTS DO NOT CONFORM TO THESE REQUIREMENTS WILL BE NOTIFIED BY THE ASCEPT ASM EDITORS. UNLESS THE ABSTRACT IS CORRECTED AND RETURNED WITHIN 24 HOURS, THE ABSTRACT MAY BE REJECTED OUTRIGHT.**

### 2. The abstract title should be in upper case.

### 3. Authors

Author names should be underlined and follow on from the abstract title. Author names should be in sentence case, with author name initials being in upper case, with presenting author first; Eg. IP Three, RA Dioligand & A Medic. For authors from more than one department or organisation, affiliations are to be designated by numerals in brackets after each author's name (see below). If none of the authors is a member of ASCEPT or a SEAWP Federation society, the introducing member's name must be indicated in brackets following the authors (see sample abstract).

### 4. Addresses

Addresses should be underlined and follow on from author names in the following order: Department, Institute/Organisation, State, Postcode; eg. Dept of Pharmacology, Univ of Yarrawonga, Vic 3730 (see sample abstract).

**NOTE:** Abstracts from outside Australia should also list city and country. For authors from more than one department or organisation, place the presenting author's department first, followed by other departments. Use bracketed numerals to link all authors with departments or organisations (see sample abstract).

## 5. Text

Leave a single line space between title/authors and the main text of the abstract. Do not indent the first line of text but type as one block of text. Leave an additional line space between the main text of the abstract and any references. The abstract should be justified.

The text should be as informative as possible within the limitations of the space available and should contain relevant information on methods used and key data obtained. Conclusions drawn from data presented should be clearly outlined. Statements such as 'the results will be discussed' are not acceptable.

## 6. Units

SI units are to be used; however, "mmHg" for pressure and "g" for tension are permitted. For concentration use nM, mM etc; for dose use mg/kg, mmol/kg etc; for dosing schedules use mg/kg per day, mmol/kg per day etc.

## 7. Anaesthetic

If an anaesthetic is used, it must be named along with the dose and route of administration.

## 8. Figures and Tables

One Figure or Table is allowed per abstract. Do NOT include a title; the Figure or Table should be referred to in the text of the abstract. The Table should be in Times New Roman font.

FIGURES OR TABLES THAT ARE UNCLEAR OR NOT REFERRED TO IN THE TEXT WILL BE REQUIRED TO BE CORRECTED AND RETURNED WITHIN 24 HOURS OR THE ABSTRACT MAY BE REJECTED OUTRIGHT.

## 9. Statistics

The following format is preferred: mean  $\pm$  s.e. mean (n=; P<); eg.  $57 \pm 3$  (n=7, P<0.02). If  $\pm$  issued to indicate anything other than a standard error, such as a range or standard deviation, this should be specified in the abstract. Authors should ensure consistency and appropriateness in the number of decimal places used.

## 10. References

References should be cited in the abstract text as follows: author(s) followed by year; eg. (Medic, 1986). If there are three or more authors, use "et al". References are to be listed in alphabetical order based on the first author. They should be in the format of: authors' last name, initials (use "et al" for three or more authors), year of publication (in brackets), the abbreviated title of the journal (as listed in Index Medicus), volume number, and the first and last page numbers of the article. References to articles in books should be in the format of: names of authors (as above), year of publication, title of book, editors (in the same format as for authors), first and last page numbers, place of publication and the publishers (see sample abstract).

## 11. Abbreviations

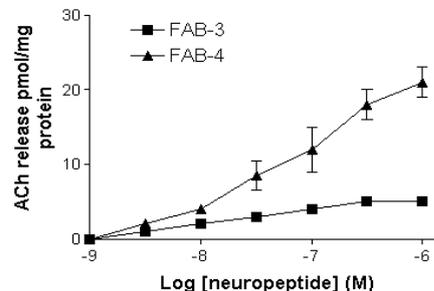
Excessive use of abbreviations should be avoided. Within reason, abbreviations should be defined when they are first used, except for the following more common abbreviations:

Acetylcholine (ACh)  
Adrenaline (Adr)  
 $\gamma$ -Aminobutyric acid (GABA)  
Area under curve (AUC)  
Blood Pressure (BP)  
Bovine serum albumin (BSA)  
Cardiovascular system (CVS)  
Celsius ( $^{\circ}$ C)  
Central nervous system (CNS)  
Confidence interval (CI)  
Cyclic adenosine monophosphate (cAMP)  
Cyclic guanosine monophosphate (cGMP)  
Correlation coefficient (r)  
Dalton (Da)  
Degrees of freedom (d.f.)  
Deoxyribonucleic acid (DNA)  
Dissociation constant (Kd)  
Diameter, internal (i.d.)  
Diameter, outer (o.d.)  
Enzyme linked immunosorbent assay (ELISA)  
Gas liquid chromatography (GLC)  
Gas chromatography-mass spectroscopy (GCMS)  
Gram (g)  
Half life ( $t_{1/2}$ )  
Hertz (Hz)  
High performance liquid chromatography (HPLC)  
Hour(s) (h)  
5-Hydroxytryptamine (5-HT)  
Inhibition constant (Ki)  
International unit (IU)  
Intra-arterial (ia)  
Intracerebroventricular (icv)  
Intraperitoneal (ip)  
Intravenous (iv)  
Liquid chromatography-mass spectrometry (LCMS)  
Litre (l)  
Metre (m)  
Michaelis constant (Km)  
Minute (min)  
Molar concentration (M)  
Molar concentration of agonist producing 50% of maximum response (EC50)  
Molar concentration of agonist producing 50% of maximum inhibition (IC50)  
Noradrenaline (NA)  
Optical rotation (+) or (-)  
Oral (po)  
Probability (P)  
Radioimmunoassay (RIA)  
Radiolabel (eg. tritium) ( $[^3\text{H}]$ )  
Second (s)  
Subcutaneous (sc)  
Ultraviolet (uv)

# SAMPLE ABSTRACT

EFFECTS OF A NOVEL NEUROPEPTIDE ON ACh RELEASE and cAMP LEVELS IN RAT HIPPOCAMPAL SLICES. G Harrison (1), P McCartney (2) & R Starr (1) (introduced by J Lennon), (1) Department of Pharmacology, Univ of West Brunswick, Vic 3055, (2) Unit of Med Chem, Univ of Heathcote, Vic 3523

It has been shown that the novel neuropeptide farnesyl activated base-4 (FAB-4) increases ACh release from peripheral tissues including rat atria and guinea pig myenteric plexus (Starr et al 1967). In the present study, the effects of FAB-4 and a related neuropeptide FAB-3 were studied on ACh release from rat hippocampus. Briefly, hippocampal slices (400  $\mu$ m) were prepared and perfused (0.5 ml/min) with Krebs-Henseleit solution. Samples of the perfusate were collected every 2 min and ACh release was measured according to the methods of McCartney (1966). Release was evoked by FAB-4 or FAB-3 (1 nM – 1 mM; 10 min contact time) (see figure). Maximal ACh release was  $21 \pm 2$  pmol/mg protein (n=8) and  $5 \pm 0.5$  pmol/mg protein for FAB-4 and FAB-3, respectively. Responses to both neuropeptides (1 mM) were associated with significant increases in cAMP from  $23.5 \pm 1.4$  pmol/mg protein (control tissue, n=5) to  $48.3 \pm 2.2$  pmol/mg protein (n=6,  $P < 0.01$ .) and  $33.1 \pm 2.1$  pmol/mg protein (n=7,  $P < 0.05$ ) for FAB-4 and FAB-3 stimulated tissues, respectively. This data indicates that FAB-4 and FAB-3 stimulate the release of ACh from rat hippocampal slices. It is possible that this release may be associated with increases in tissue levels of cAMP.



McCartney P (1966) *J Neurosci*, 56, 23-33

Starr R et al (1967) *Pharmacology of FAB-4 and related peptides*, ed Ono Y, pp 12-23, Tokyo, Blackbird Press

# REGISTRATION

Registration is available via the internet, fax or mail.

## Registration fees

Prices are in Australian Dollars (AUD) and are GST inclusive  
Earlybird registration finishes on October 31.

	Earlybird	Full fee
Full member*	\$495.00	\$660.00
Full non-member	\$660.00	\$770.00
Student member*	\$247.50	\$357.50
Student non-member	\$357.50	\$467.50
Day member*	\$192.50	\$247.50
Day non-member	\$247.50	\$302.50

## Tickets

Welcome reception (extra tickets)	\$49.50
Conference dinner	\$110.00

## Member\*

To receive a member registration you must be a member of either ASCEPT or a national pharmacological society affiliated with SEAWP (i.e. national society of Japan, Korea, China, Taiwan, Thailand, Malaysia, Singapore, Philippines or Indonesia).

## Entitlements

### Full registration

- Attendance of all scientific sessions
- Conference satchel
- Conference booklet
- Welcome reception (1 ticket)
- All morning and afternoon teas and lunches

### Day registration

- Attendance to all scientific sessions on nominated day (Monday, Tuesday, Wednesday, Thursday)
- Conference satchel
- Conference booklet
- Welcome drinks (1 ticket), if Monday registration
- Morning and afternoon teas and lunches on nominated day indicated in program (Monday, Tuesday, Wednesday, Thursday)

## Social functions

### Monday December 4

**Welcome Drinks** at the Adelaide Hilton Hotel - This function is included in a full and Monday registration fee (member, non-member or student). Tickets for accompanying persons may be purchased at \$49.50 (including GST) each.

### Wednesday December 6

The **Conference Dinner** at the Adelaide Hilton Hotel - Tickets must be purchased for this event. Tickets may be purchased at \$110.00 (including GST) each.

Delegates who register for both SEAWP/ASCEPT and HBPRCA meetings will receive a refund on their dinner ticket purchase.

## Presenting authors

Presenting authors who have not registered to attend and paid **by November 10** will be assumed to have withdrawn their abstract.

## Paper registration

A paper form is included in this brochure or may be downloaded from the ASCEPT or Meetings First websites. You may also contact Meetings First and request one.

## Internet registration

To register via the internet please go to the [www.meetingsfirst.com.au](http://www.meetingsfirst.com.au) and log in using your name and PIN. After verifying your contact details, you will be able to click on the word "Registration" and complete the registration process.

You may pay on-line by:

- credit card (via the NAB secure website),
- print a form and fax your credit card details
- tick the "will send a cheque" box and send a cheque within 30 days.

A Tax Invoice page is displayed during the registration process. This page is automatically emailed to you after you "Submit Registration" and may be given to your Finance Department.

## Cancellation policy

A cancellation received prior to October 31 will receive a full refund less a cancellation fee of \$55.00. Refunds after October 31 will only be made in exceptional circumstances, with the decision being made after the conclusion of the meeting. However, if your abstract is not accepted by the Program Committee a full refund is available at any time.

Substitutes are welcome at any time.

## Registration acknowledgement

All registrations will be acknowledged in writing on receipt, and again when payment has been received. Please ensure you read your Confirmation carefully and advise of any corrections promptly.

Registrants who have not submitted their payment by November 10 will be assumed to have withdrawn their registration. Please contact Meetings First to avoid registration cancellation at this time.

## Privacy

In accordance with the Privacy and Spam Acts we advise that information collected in the registration/abstract submission process will be held in databases on secure sites by Meetings First. It is the intention to use the information to communicate with you by mail, phone, fax or email and to provide a delegate list comprising name, institution, State and Country to delegates and sponsors. You may elect to not be included on this list.

# ACCOMMODATION

We have secured a limited number of rooms at the Hilton Adelaide. To take advantage of the discount rates, you must book accommodation via the registration form (internet or paper). All rates include GST. Please indicate your accommodation preferences on the Registration Form (or in the Special Requests section of the Internet Registration). Rooms will be allocated in order of receipt of Registration Form.

## Deposit and payment

A deposit equal to one night's accommodation will be required to secure your booking. This deposit will be forwarded to the hotel and the amount deducted from your account on checkout, when full payment will be required. No reservations will be made unless this amount is received by October 5. You may elect to pay all nights accommodation in advance.

## Booking deadline

The deadline for accommodation bookings is October 5, 2007. Requests received after this date may be processed, but generally you will be directed to a travel agent or the hotel.

## Cancellation

Cancellations made after October 5 will only receive a refund if the hotel is prepared to offer one.

## Room rates

Hilton Adelaide	Nightly rate
Standard	\$185.00
Standard + 1 breakfast	\$210.00

## Adelaide Hilton

www.hilton.com  
233 Victoria Square  
Adelaide, South Australia  
Telephone +61 8 8217 2000  
Fax +61 8 8217 2001  
Check in: 2 pm  
Check out: 11 am

## Other Accommodation close to the venue

The following hotels are all within walking distance to the Adelaide Hilton (approximate times are listed next to the name of the hotel).

- 1. Medina Grand Adelaide Treasury (2 minutes)**  
2 Flinders Street  
Telephone +61 8 8112 0000
- 2. Franklin Central Apartments (5 minutes)**  
36 Franklin Street  
Telephone +61 8 8221 7050
- 3. Rendezvous Allegra Hotel (10 minutes)**  
55 Waymouth Street  
Telephone +61 8 8115 8888
- 4. Quest on Sturt (10 minutes)**  
14 Sturt Street  
Telephone +61 8 8416 4200
- 5. Hotel Grand Chancellor – Adelaide (10 minutes)**  
18 Currie Street  
Telephone +61 8 8112 8888
- 6. Quest on King William Street (10 minutes)**  
82-88 King William Street  
Telephone +61 8 8217 5000
- 7. Hyatt Regency Adelaide (15 minutes)**  
North Terrace  
Telephone +61 8 8238 2336
- 8. Radisson Playford Hotel and Suites Adelaide (15 minutes)**  
120 North Terrace  
Telephone +61 8 8213 8888
- 9. Stamford Plaza Adelaide (15 minutes)**  
150 North Terrace  
Telephone +61 8 8461 1111
- 10. Best Western Adelaide Riviera (15 minutes)**  
31-34 North Terrace  
Telephone +61 8 8231 8000
- 11. Mercure Grosvenor Hotel (15 minutes)**  
125 North Terrace  
Telephone +61 8 8407 8888

For step by step directions please use this website [http://www.racq.com.au/cps/rde/xchg/racq/cms\\_production/hs.xml/trip\\_planner\\_ENA\\_HTML.htm](http://www.racq.com.au/cps/rde/xchg/racq/cms_production/hs.xml/trip_planner_ENA_HTML.htm) (the time shown on this website is for driving in a car).

# ADELAIDE

Adelaide, capital of South Australia, is a friendly yet vibrant city that is home to approximately one million people. A wide range of landscapes including green parklands, the Mount Lofty Ranges and coastal beaches surround this magnificent city.

Adelaide city centre has been well planned and is easy to get around. The city is made up of a grid of streets. Being only one mile square makes it very hard to get lost. The main street (King William Street) runs directly from north to south of the city through Victoria Square (the site of the Adelaide Hilton).

Adelaide enjoys pleasant summers in December, not too hot and not too cold, some say just right! The maximum temperature in December is usually 28° - 32°C, with an average low during the evenings around 20° - 25°C.

## *What to do in Adelaide*

There are several things to do and see in Adelaide. Here are just a few:

### *Art Gallery*

Located in North Terrace the Art Gallery of South Australia is open from 10.00 a.m. - 5.00 a.m. daily. Admission is free. It is known particularly for its range of early colonial prints and drawings. It also has excellent displays of south-east Asian ceramics.

### *Ayers House*

Situated at 288 North Terrace, Ayers House is an elegant Regency building which was built in 1846 for William Paxton. In 1855 the building was acquired by Sir Henry Ayers, the prominent South Australian businessman and politician (he was State premier), who carried out substantial extensions to the original structure.

### *Botanic Gardens*

One of the most delightful botanic gardens in Australia, this delightful and historic garden was established in 1855. Open from 7.00 am until dusk, it is a cool escape beside the Torrens River.

### *Migration Museum*

Located at 82 Kintore Avenue off North Terrace and open from 10.00-5.00 (Monday and Friday), the Migration Museum is a social history of South Australian immigration and settlement.

### *South Australian Museum*

One of the substantial nineteenth century buildings on the northern side of North Terrace, the South Australian Museum contains five floors of natural and cultural history with particular emphasis on the fossils, animals and minerals of South Australia.

### *Parliament House*

The Old Parliament House is located on North Terrace just west of King William Street. Open from 10.00 a.m. - 5.00 p.m. Monday – Friday

### *Adelaide Zoo*

Located close to the city centre on the banks of the Torrens River and surrounded by the city's superb Botanic Park, the Zoo is over 100 years old. It is open from 9.30 a.m. - 5.00 p.m. every day of the year.

### *Cleland Wildlife Park*

Cleland Wildlife Park is situated in the Cleland Conservation Park located 12km from Adelaide City Centre. Cleland Wildlife Park has animal feeding hours, Koala handling or close up experience with the Koalas along with guided tours and nightlife tour.

### *Wine Regions in South Australia*

Barossa Valley, Coonawarra, Adelaide Hills, Clare Valley, Victor Harbour, Kangaroo Island and many more.... All these fabulous areas are within easy distance of Adelaide and offer outstanding opportunities to sample South Australia's world-famous wines and foods.

For touring and other suggestions, please see [www.southaustralia.com](http://www.southaustralia.com).

# SEAWP - ASCEPT JOINT MEETING 2007

## Registration Form/Tax Invoice

This form becomes a Tax Invoice (ABN 51 059 443 097) on completion – please keep a copy.

All prices are in AUD and include GST.

Please complete all details and return to Meetings First (details below).

### Delegate

Name	_____	Badge name	_____
Job title	_____	Telephone	_____
Institution	_____	Fax	_____
Address	_____	E-mail	_____
City	_____	State	_____
Country	_____	Postcode	_____
			Include name/institute on delegate list? Yes <input type="checkbox"/> No <input type="checkbox"/>

### Registration

An all days or Sunday day Registration includes the welcome reception

	Early bird	Full fee from Oct 31	Will you attend?	No. of tickets
Member	<input type="checkbox"/> \$495.00	<input type="checkbox"/> \$660.00	Welcome reception <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> @ \$49.50
Non member	<input type="checkbox"/> \$660.00	<input type="checkbox"/> \$770.00	Conference dinner <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> @ \$110.00
Student member	<input type="checkbox"/> \$247.50	<input type="checkbox"/> \$357.50		
Student non-member	<input type="checkbox"/> \$357.50	<input type="checkbox"/> \$467.50	Accompanying person's name _____	
Day member	<input type="checkbox"/> \$192.50	<input type="checkbox"/> \$247.50		
Day non-member	<input type="checkbox"/> \$247.50	<input type="checkbox"/> \$302.50	Total due \$ _____	

Please note if you are registering for both ASCEPT & HBPRCA you will receive a refund for your purchased dinner ticket.

### Accommodation

Rooms will be allocated in order of receipt of Registration Form. Room rates are per night per room.

Hotel	Room type	
Hilton Adelaide	<input type="checkbox"/> Single @ \$185 per night	<input type="checkbox"/> Single plus 1 breakfast @ \$210.00 per night
	<input type="checkbox"/> Double/Twin @ \$185 per night	<input type="checkbox"/> Double/Twin plus 2 breakfast @ \$235.00 per night
Check in date	_____	
Check out date	_____	
Non-smoking floor?	<input type="checkbox"/> Yes <input type="checkbox"/> No	No. nights paying for now _____ @\$ _____
Sharing with	_____	Total due \$ _____

### Payment

<input type="checkbox"/> Cheque (AUD) to Meetings First enclosed	<input type="checkbox"/> Please charge this credit card	Grand total \$
<input type="checkbox"/> Direct deposit made on ____/____/07	Card type	Expiry
Account name: Meetings First Bank: National Australia Bank Account No: 083 153 45 648 5990 Reference: SEAWP – insert surname	Number	
	Name	
	Signature	
	Cardholder Email	

### Special requests, e.g. allergies or food requirements

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#### ASCEPT Secretariat and conference organiser – Meetings First

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