



**COUNCIL:**

- |                     |                       |
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|                     | <b>R. Pack</b>        |
|                     | <b>R. Rahamimoff</b>  |
|                     | <b>X.L. Yang</b>      |

# FAOPS

## NEWSLETTER

Vol. 10 No. 2, December 2001 ISSN 0858-4354 <http://www.adinstruments.com/FAOPS>

### Malaysia is ready for the 5<sup>th</sup> FAOPS Congress

After several years of planning and preparing, the Malaysian Society of Pharmacology and Physiology (MSPP) is now ready for the 5<sup>th</sup> FAOPS Congress to be held in Kuala Lumpur during September 23-26, 2002. Assoc. Prof. Harbindar Jeet Singh reported at the FAOPS Council meeting in Christchurch, New Zealand on August 27, 2001 that the organizing committee had decided to change the number of the congress from the 4<sup>th</sup> FAOPS Congress as previously announced to “**the 5<sup>th</sup> Scientific Congress of FAOPS**” so as to keep in sequence with the previous congresses. The congress will be held jointly with the 17<sup>th</sup>

Scientific meeting of MSPP. He added that the University of Malaya Center for Continuing Education (UMCCed), which is a non-profit organization and has more experiences, had been appointed to run and organize the congress.

The venue is tentatively at the complex on the University of Malaya campus. The scientific program is almost finalized. It fully occupies four full days featuring 8 plenary lectures, 20 symposia, both oral and poster presentations, and a round table discussion on physiology teaching (for detail see page 8 ). There will also be a pre-congress workshop

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*FAOPS Council meeting: (from left) R Pack, HJ Singh, XL yang, PSG Wang, KW Kim, C Pholpramool, JA Young, A Kaneko, and M Ito*

## Editorial

### Season Greetings !

The world shock tragedy on September 11<sup>th</sup> this year did a lot of damages not only to many innocent lives, properties, and world economy, but it also threatened peace. It brought up fear, and insecurity for international travelers. This hampers many scientists especially from the US to join several recent international meetings. It is hoped that the war in Afghanistan is limited within the country and will be ended very soon. Next year FAOPS will have its 5<sup>th</sup> congress in Kuala Lumpur, Malaysia. The tension of war will do no good to the meeting and, of course, to everyone.

In this issue, the draft of the minutes of the FAOPS Council meeting in Christchurch on August 27, 2001 is reported. One important move concerning the newsletter is the unanimous opinion among the council to further reduce the number of publication of the hard copies for circulation so as to reduce the cost of postage. Currently, the newsletter is sent by e-mail in PDF format to the Physiological Society of Japan, where it is printed and distributed to members. Other societies are asked to adopt the same practice. The request is well accepted by the Chinese Association for Physiological Sciences and the Korean Physiological Society, and, recently, by the Australian Physiological and Pharmacological Society. So, if your society would like to join in this scheme please let me know. You may also download the PDF file from our web site. In view of the present economic crisis, I pledge that as many adhering bodies as possible should join in this campaign.

MERRY CHRISTMAS AND HAPPY NEW YEAR!

Chumpol Pholpramool, Ph.D.  
The Editor  
Email: [sccpp@mahidol.ac.th](mailto:sccpp@mahidol.ac.th)

Visit our web page at [www.adinstruments.com/FAOPS](http://www.adinstruments.com/FAOPS)

## 1<sup>st</sup> NNI-NUS Neuroscience Symposium 2002 14-16 March 2002 Singapore

The program includes:

- a **PUBLIC FORUM** to educate and inspire students and the public of the exciting discoveries in neuroscience research on 13 March at the National University of Singapore,
- the **SCIENTIFIC SYMPOSIUM** covering 4 main themes, i.e.
  - Ion Channel and Receptor Physiology
  - Development, Degeneration & Regeneration
  - Neurogenetics
  - Cognition & Pain
- a half-day satellite **CLINICAL MEETING** on clinical neuroscience.

**Secretariat:** c/o National Neuroscience Institute,  
11 Jalan Tan Tock Seng, Singapore 308433  
Tel: (65) 357-7157/357-7671; Fax: (65) 256-4755  
Email: [junia\\_heng@ttsh.com.sg](mailto:junia_heng@ttsh.com.sg)

# Minutes of the 8<sup>th</sup> FAOPS Council Meeting

Sala Sala Restaurant, Christchurch, New Zealand

11.00 a.m. – 2.00 p.m., 27 August, 2001

**Present:** Professors JA Young (President), M Ito (Past President), A Kaneko (Secretary), PSG Wang (Treasurer), W Kim, R Pack, XL Yang, HJ Singh (on behalf of Professor HS Cheah) and C Pholpramool (Chairman of the Publication Committee)

## 1. Apologies:

Professors F Motamedi, HS Cheah, T Glinsukon, VM Kumar, R Rahamimoff

## 2. Welcome:

Professor JA Young (President) welcomed the Council Members who were in attendance.

## 3. Minutes of the previous meeting

The minutes of the previous meeting were adopted as being a true record.

## 4. Report of the Treasurer

The Treasurer, Professor Wang, presented a financial statement for the period from 1 September 2000 – 31 July 2001. Income for the period was US\$10,950.80. Expenditure was US\$1,434.00 relating to the 7<sup>th</sup> FAOPS Council Meeting and the International Program Committee Meeting for the 2002 FAOPS Congress on November 19, 2000 in Kuala

Lumpur. A balance of US\$43,593.80 remained.

The financial statement was adopted. The President stressed the necessity to raise the FAOPS fund to support the 2002 FAOPS Congress in Kuala Lumpur.

## 5. Report of the Secretary

Professor Kaneko reported on the activities that he had undertaken since the last Council meeting held in Kuala Lumpur.

- Preparation for 8<sup>th</sup> FAOPS Executive and Council Meeting
- The collection of information from the various member societies
- Management of the Young Investigators Award (detailed report listed as item 7)

## 6. Report of the Publication Committee

Professor Pholpramool (Chairman, Publication Committee) had circulated a report on the publication of the FAOPS Newsletter and a financial report on the publication account for the period 1 October 2000 to 31 August 2001.



*Group photos of the Council: Left; R Pack (back view), JA Young, A Kaneko and M Ito. Right; (from left) R Pack, XL Yang, PSG Wang, KW Kim, A Kaneko, JA Young, M Ito, and C Pholpramool*

- The opening account balance on 1 October 2000 was US\$454.75. This had been increased by the advertising revenue from ADInstrument Incorporated of US\$500, bringing the balance to US\$954.75. The cost of publication of Volume 9, No. 2 through to Volume 10, No. 1 was US\$2,297.60, leaving a final balance in debt of US\$1,342.85.

The report was adopted. The FAOPS Newsletter is currently sent by e-mail in PDF format to the Physiological Society of Japan, where it is printed and distributed to members. The Physiological Society of Japan covers all expenses involved, thereby reducing costs to FAOPS. To further reduce publication costs it has been asked whether it is possible to expand distribution in electronic form to the office of other member societies where it is printed and distributed as a part of the newsletter of each member societies. The Chinese Association for Physiological Sciences and the Korean Physiological Society agreed to accept this system. The Secretary will re-investigate the necessary number of copies to be sent to each member societies by the postal mail.

### **7. Young Investigators Awards (YIA) to support young Asian investigators travelling to the IUPS Congress 2001**

Professor Kaneko reported that in consultation with the President, Professor Young, he selected 9 young investigators from Asia who were unsuccessful candidates for the IUPS YIA based on the recommendation of home societies they belong. Each awardee was given JPYen 220,000 equivalent. In addition, 3 senior members who were under a very difficult financial condition were given US\$1,000 each from the remaining fund and the President retained approximately US\$2,000 left over from the FAOPS Congress held in Brisbane. They are from Vietnam, Papua New Guinea and Indonesia. On-site fellowship management has been greatly assisted by the Executive Director of the IUPS Congress 2001, Dr. Paul Hill.

### **8. Report on the preparation of the FAOPS Congress in Kuala Lumpur in 2002**

Dr. H J Singh presented the report on the planned fifth FAOPS Congress on behalf of the local organizing committee. A change in venue to the University campus has been proposed, and the Council has accepted the proposed change. The Council discussed their concern about the finance of the Congress. It has been agreed that FAOPS can spend a maximum of US\$25,000 in connection with the Congress, for (1) air fares for those members of Council who are unable to access alternative sources of funding (approximately US\$10,000), (2) support for a teaching workshop (US\$3,000 maximum), (3) to cover special Congress activities e.g. waiving registration fees of young scientists from developing countries (US\$3,000 maximum), and (4) travel grants to young physiologists from the developing countries in Asia to attend the meeting (US\$9,000).

The Council decided to ask the chairman of the local organizing committee, Professor Cheah, to present costing of the planned teaching workshop.

### **9. Appointment of the chairperson of Nominating Committee**

Of the members appointed by the Council to form the Nominating Committee in the last Council meeting in Kuala Lumpur, Professor M Ito has been asked to serve the chairperson of the Committee. Professor Ito has accepted the chair.

The meeting closed at 2.00 p.m. on 27 August 2001.

The next FAOPS Council meeting would be held in Kuala Lumpur, Malaysia, in conjunction with the FAOPS Congress 2002. The Secretary will work out details and Council members will be notified in advance.

# MEETING CALENDAR

## 2<sup>nd</sup> International Huaxia Congress of Endocrinology

Hong Kong SAR, China

December 14-17, 2001

Contact: Ms Veronica Cheng

c/o P C Tours and Travel,  
B218 The Royal Garden Hotel,  
69 Mody Road, Tsimshatsui East,  
Kowloon, Hong Kong

Tel: +852-2369-9052-4

Fax: +852-2723-9044

Email: [pc@pctoursshk.com](mailto:pc@pctoursshk.com)

Web: [www.endocrine-hk.org/huaxia2001](http://www.endocrine-hk.org/huaxia2001)

## 28<sup>th</sup> Annual Conference of the International Embryo Transfer Society

Foz do Iguacu, Brazil

January 12-15, 2002

Contact: Web: [www.iets.org/2002/](http://www.iets.org/2002/)

## APS Conference on "Physiological Genomics of Cardiovascular Disease: from Technology to Physiology"

San Francisco, California, USA

February 20-23, 2002

Contact: Linda Allen

Manager, Membership Services and  
Meeting Department  
9650 Rockville Pike  
Bethesda, MD 20814-3991, USA

Web: [www.the-aps.org/meetings/aps/san\\_francisco/home.htm](http://www.the-aps.org/meetings/aps/san_francisco/home.htm)

## 1<sup>st</sup> NNI-NUS Neuroscience Symposium 2002

Singapore

March 14-16, 2002

Contact: Ms Junia Heng

The Symposium Secretariat  
c/o National Neuroscience Institute  
11 Jalan Tan Tock Seng  
Singapore 308433

Tel: +65-357-7151/357-7617

Fax: +65-356-4755

Email: [junia\\_heng@ttsh.com.sg](mailto:junia_heng@ttsh.com.sg)

## 4<sup>th</sup> International Congress and 8<sup>th</sup> Biennial Scientific Conference of Pakistan Physiological Society

Nishter Medical College Multan, Pakistan

April 2002

Contact: Assoc. Prof. M. Hamayan Ikram

Department of Physiology  
Punjab Medical College Faisalabad  
Pakistan

Tel: +92-041-721493 / 543161

Fax: +92-041-761568

Email: [Hamayun1@fsd.paknet.pk.com](mailto:Hamayun1@fsd.paknet.pk.com)

Web: [www.geocities.com/pps45](http://www.geocities.com/pps45)

## 4<sup>th</sup> International Congress of Pathophysiology

Budapest, Hungary

June 29- July 5, 2002

Contact: Laszlo Rosivall MD, PhD.

Institute of Pathophysiology  
Semmelweis University  
H-1445 Budapest, P.O.Box 370

Tel/Fax: +36-1-2100100

Email: [rosivall@net.sote.hu](mailto:rosivall@net.sote.hu)

Web: <http://isp2002.sote.hu>

## 18<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology

Vienna, Austria

June 30- July 3, 2002

Contact: ESHRE Central Office

Van Akenstraat 41, B-1850  
Grimbergen, Belgium

Tel: +32-02-2690969

Fax: +32-02-2695600

Email: [eshre@pophost.eunet.be](mailto:eshre@pophost.eunet.be)

## XIV<sup>th</sup> World Congress of Pharmacology

San Francisco, California USA

July 7-12, 2002

Contact: Congress Secretariat

XIV<sup>th</sup> World Congress of  
Pharmacology  
9650 Rockville Pike  
Bethesda, MD 20814-3995, USA

Fax: +1-301-5307061

Email: [iuphar@aspet.faseb.org](mailto:iuphar@aspet.faseb.org)

Web: [www.IUPHAR2002.org](http://www.IUPHAR2002.org)

**Sixth International Symposium on Reproduction in Domestic Ruminants**

Scotland, UK

August 14-17, 2002

Contact: Dr. Bruce Campbell  
 School of Human Development  
 University of Nottingham NG7  
 2UH, UK  
 Email: [bruce.campbell@nottingham.ac.uk](mailto:bruce.campbell@nottingham.ac.uk)  
 Web: [www.ssf.org.uk](http://www.ssf.org.uk)

**22<sup>nd</sup> Meeting of the European Society for Microcirculation**

Devon, UK

August 28-30, 2002

Contact: Hampton Medical Conferences Ltd  
 127 High Street, Teddington  
 Middlesex, TW11 8HH, UK  
 Email: [esm@hamptonmedical.com](mailto:esm@hamptonmedical.com)  
 Web: [www.medizin.fu-berlin.de/esm](http://www.medizin.fu-berlin.de/esm)

**5<sup>th</sup> International Congress of Neuroendocrinology**

Bristol, UK

August 31- September 4, 2002

Contact: Helen Gregson or Victoria Withy  
 BioScientifica Ltd  
 16 The Courtyard, Woodlands  
 Bradley Stoke  
 Bristol BS32 4NQ, UK  
 Tel: +44-0-1454-619347  
 Fax: +44-0-1454-616071  
 Email: [ICN2002@endocrinology.org](mailto:ICN2002@endocrinology.org)  
 Web: [www.bioscientifica.com/icn2002.htm](http://www.bioscientifica.com/icn2002.htm)

**5<sup>th</sup> FAOPS Congress**

Kuala Lumpur, Malaysia

September 23-26, 2002

Contact: Ms. Gowri  
 UMMCCed  
 Level 3, Block C  
 Institute of Postgraduate Studies  
 University of Malaya  
 50603 Kuala Lumpur, Malaysia

Tel: +60-3-76257984

Fax: +60-3-76257884

Email: [a12dora@umcsd.um.edu.my](mailto:a12dora@umcsd.um.edu.my)

Web: [www.um.edu.my/conf/FAOPS/index.html](http://www.um.edu.my/conf/FAOPS/index.html)  
[www.geocities.com/mspp.geo/faops](http://www.geocities.com/mspp.geo/faops)

**3<sup>rd</sup> FAONS Congress**

Korea

September 28- October 1, 2002

Contact: [yhsuh@plaza.snu.ac.kr](mailto:yhsuh@plaza.snu.ac.kr)

Tel: +82-2-7408292

Fax: +82-2-7408292

**58<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine**

Seattle, Washington, USA

October 12-17, 2002

Contact: American Society for Reproductive  
 Medicine

1209 Montgomery Highway

Birmingham, Alabama 35216-2809

USA

Tel: +1-205-978-5000

Fax: +1-205-978-5005

Email: [asrm@asrm.org](mailto:asrm@asrm.org)

Web: [www.asrm.org](http://www.asrm.org)

**4<sup>th</sup> HUGO Pacific Meeting and 5<sup>th</sup> Asia-Pacific Conference on Human Genetics**

Pattaya (Chonburi), Thailand

October 27-30, 2002

Contact: Institute of Science and Technology  
 for Research and Development

Mahidol University, Salaya Campus

25/25 Phutthamonthon 4<sup>th</sup> Road

Salaya, Phutthamonthon

Nakornpathom 73170, Thailand

Tel: +66-02-889-2557,

+66-02-889-2558

Fax: +66-02-889-2559,

+66-02-441-1013

Email: [grsfc@mahidol.ac.th](mailto:grsfc@mahidol.ac.th)

Web: [www.mu-st.net/hugothai](http://www.mu-st.net/hugothai)

# 5<sup>th</sup> FAOPS SCIENTIFIC CONGRESS 2002

**SELAMAT DATANG KE KUALA LUMPUR !**

## **INVITATION**

You are cordially invited to attend the 5th FAOPS Scientific Congress 2002 to be held in Kuala Lumpur from 23- 26 September 2002. This congress will be hosted by The Malaysian Society of Pharmacology and Physiology (MSPP) in collaboration with the Federation of the Asian and Oceanian Physiological Societies (FAOPS).

## **SCIENTIFIC PROGRAM** (for details see page 8 )

An exciting scientific program has been planned and they consist of :

1. Four plenary lectures by leading speakers from the region and the rest of the world.
2. Twenty symposia conducted by experts in their respective field.
3. Several sessions of oral and poster presentations.

## **PRE-CONGRESS WORKSHOPS**

Pre-congress workshops are scheduled to be held before the Congress from 16-22 September, 2002. They are:

- Computer Aided Learning in Physiology Education
- Problem-based Learning in Physiology Education

## **EXHIBITION**

An exhibition of medical equipment will be held in conjunction with the conference.

## **COSTS**

The registration fee will be approximately US\$200-250. Limited financial assistance will be made available.

The cost of travel and subsistence in Malaysia is relatively cheap. There is a wide variety of hotels from budget to 5-star luxury: room rates start at about US\$15 in budget hotels in Kuala Lumpur. We are negotiating special rates for participants. Food can be found at varying prices: one can eat quite well from as low as US\$3 per day.

## **SOCIAL PROGRAMS**

The social program will include a welcome reception and a congress dinner. Tours will also be conducted for the participants at reasonable prices.

## **ABOUT MALAYSIA**

Malaysia is a microcosm of Asia. The multi-ethnic, multicultural melting-pot not to mention the various cuisine from all over the world offered will provide a fascinating experience for visitors. Beaches, mountains and hill resorts, natural wonders, coral reefs: all are within striking distance of cosmopolitan and bustling Kuala Lumpur. Shopping at competitive prices can be found in modern complexes or in ethnic neighborhoods.

## **CALL FOR PAPERS**

Abstracts will be scheduled to be due in **April or May of 2002**.

## **FURTHER INFORMATION**

All inquiries regarding the conference should be addressed to the Secretariat :

Secretariat,  
5th FAOPS Congress,  
University of Malaya Centre for Continuing Education  
Level 3 Block C, IPS Complex  
University of Malaya, 50603 Kuala Lumpur, Malaysia

Please Contact Ms. Gowri  
Tel: 603-76257984 Fax: 603-76257884  
E-mail: HYPERLINK <mailto:a12dora@umscd.um.edu.my>

Visit our websites?:  
<http://www.um.edu.my/conf/FAOPS/index.html>  
HYPERLINK “<http://www.geocities.com/mspp.geo/faops>”  
<http://www.geocities.com/mspp.geo/faops>

## Tentative Scientific Program

**23 September 2002**

- 0800-0900     **PLENARY LECTURE -1**  
                  *“Fetal origins of adult disease” (J Robinson – Australia)*
- 0900-1045     **SYMPOSIUM 1**  
                  *“Cell signaling processes at the blood brain barrier”*  
                  Organisers: J Greenwood/Abas Hj Hussin
- SYMPOSIUM 2**  
                  *“Advances in retinal research”*  
                  Organisers: Akimichi Kaneko
- ORAL COMMUNICATIONS: (0C-1 – 0C-7)  
                  ORAL COMMUNICATIONS: (0C-8 – 0C-14)
- 1045-1100     **COFFEE**
- 1100-1300     **SPECIAL LECT-1**  
                  *“Structure and function of the heart: Images, models and maps”*  
                  Bruce Smaill (New Zealand)
- SPECIAL LECT-2**  
                  *“Cell-volume – second message in the regulation of cellular function”*  
                  F Lang (Germany)
- SYMPOSIUM 3**  
                  *“Endocrine disruptors and reproductive health”*  
                  Organisers: Ishwar Parhar/Cheah Swee Hung
- ORAL COMMUNICATIONS: (0C-15 – 0C-22)  
                  ORAL COMMUNICATIONS: (0C-23 – 0C-30)
- 1300-1400     **LUNCH**
- 1400-1545     **SYMPOSIUM 4**  
                  *“Neuro-endocrine mechanisms in stress”*  
                  Organisers: Emiko Senba/Kim Kah Hwi
- ORAL COMMUNICATIONS: (0C-3- – 0C-37)  
                  ORAL COMMUNICATIONS: (0C-38 – 0C-44)
- POSTER PRESENTATION-1: (PC-1-PC-40)**
- 1545-1600     **TEA**

1600-1745 **SYMPOSIUM 17**  
*"Synaptic transmission"* Organiser: Zhi-Qi Zhao  
 ORAL COMMUNICATIONS: (0C-45 – 0C-51)  
 ORAL COMMUNICATIONS: (0C-52 – 0C-58)  
**POSTER DISCUSSION-1**

**24 September 2002**

0800-0900 **PLENARY LECTURE-2**  
*"Mitochondrial control of cell death"* Gerry Cohen (UK)

0900-1045 **SYMPOSIUM 5**  
*"Ischaemia and reperfusion"*  
 Organisers: Francis Achike/ David CY Kwan

**SYMPOSIUM 6**  
*"Trends in neuropeptide"* Organisers: H Yamashita  
 ORAL COMMUNICATIONS: (0C-59 – 0C-65)  
 ORAL COMMUNICATIONS: (0C-66 – 0C-72)

1045-1100 **COFFEE**

1100-1300 **SYMPOSIUM 7**  
*"Molecular mechanisms of NaCl transport"*  
 Organisers: David Cook/Masataka Murakami

**SYMPOSIUM 8**  
*"Fetal programming"* Organisers: Colin Sibley/HJ Singh  
 ORAL COMMUNICATIONS: (0C-73 – 0C-80)  
 ORAL COMMUNICATIONS: (0C-81 – 0C-88)

1300-1400 **LUNCH**

1400-1545 **SYMPOSIUM 9**  
*"Exercise and heat"* Organisers: R Singh/M Thompson  
 ORAL COMMUNICATIONS: (0C-89 – 0C-95)  
 ORAL COMMUNICATIONS: (0C-96 – 0C-102)  
**POSTER PRESENTATIONS-2: (PC-41-PC-80)**

1545-1600 **TEA**

1600-1745 **SPECIAL LECT-3**  
*"Exercise affects endothelium-dependent vascular responses"*  
 Hsiun-Ing Chen (Taiwan)

**SPECIAL LECT-4**  
*"Stable isotopic tracers in tracking discrete pathways in normal and disease states"*  
 Anura Kurpad (India)  
 ORAL COMMUNICATIONS: (0C-103 – 0C-109)  
 ORAL COMMUNICATIONS: (0C-110 – 0C-116)  
**POSTER DISCUSSION-2**

**25 September 2002**

0800-0900 **PLENARY LECTURE - 3**  
*"GnRH neurons: Genes to behaviour"* Ishwar Parhar

0900-1045 **SYMPOSIUM 10**  
*"Growth and development of the kidney: effect of nutrition"*  
 Organisers: E. Lumbers/Rosnah

**SYMPOSIUM 11**  
*"Molecular and cellular physiology of mechano-sensitive channels"*  
 Organisers: Masahiro Sokabe

- ORAL COMMUNICATIONS: (0C-117 – 0C-123)  
 ORAL COMMUNICATIONS: (0C-124 – 0C-130)  
 1045-1100 **COFFEE**  
 1100-1300 **SPECIAL LECT-5**  
           *“DNA repair and neuroprotection”* Fengyan Sun (China)  
**SPECIAL LECT-6**  
           *“Neuronal plasticity following peripheral inflammation”* Zhiqi Zhao (China)  
**SYMPOSIUM 12**  
           *“Natural antibodies in health and disease”* Organisers: H.M Cheng  
 ORAL COMMUNICATIONS: (0C-131 – 0C-138)  
 ORAL COMMUNICATIONS: (0C-139 – 0C-146)  
 1300-1400 **LUNCH**  
 1400-1545 **SYMPOSIUM 14**  
           *“The physiology of endothelium-derived vasodilation and its role in disease”*  
           Organisers: Geh Sooi Lin  
**SYMPOSIUM 15**  
           *“Stem cells and cell differentiation”* Organiser: Youheng Xu  
 ORAL COMMUNICATIONS: (0C-147 – 0C-153)  
**POSTER PRESENTATIONS-3 (81-120)**  
 1545-1600 **TEA**  
 1600-1745 **SYMPOSIUM 19**  
           *“Transporters in health and disease”* Organiser: Chumpol Pholpramool  
 ORAL COMMUNICATIONS: (0C-154 – 0C-160)  
 ORAL COMMUNICATIONS: (0C-161 – 0C-167)  
**POSTER DISCUSSION-3**

## 26 September 2002

- 0800-0900 **PLENARY LECTURE-4**  
           *“Characterization of amino acid receptors in the retina”* Xiong-Li Yang  
 0900-1045 **SYMPOSIUM 13**  
           *“Revisiting aldosterone in the cardiovascular system”*  
           Organisers: Lam Sau Kuen/CC Lang  
**ROUNDTABLE DISCUSSION**  
           *“Teaching and learning physiology – the innovative way”*  
           Organisers: Sim Si Mui/CY Kwan  
 ORAL COMMUNICATIONS: (0C-168 – 0C-174)  
 ORAL COMMUNICATIONS: (0C-175 – 0C-181)  
 1045-1100 **COFFEE**  
 1100-1300 **SPECIAL LECT – 7**  
           *“Function and regulation of sodium channels in epithelia”*  
           David Cook (Australia)  
**SPECIAL LECT-8**  
           *“Prolactin, a novel role in calcium regulation: an update”*  
           Nateetip Krishnamra (Thailand)  
**ROUNDTABLE DISCUSSION (CONT'D)**  
           *“Teaching and learning physiology – the innovative way”*  
           Organisers: Sim Si Mui/CY Kwan  
 ORAL COMMUNICATIONS: (OC 182 – 0C 189)  
 ORAL COMMUNICATIONS: (OC 190 – 0C 197)  
 1300-1400 **LUNCH**

1400-1545 **SYMPOSIUM 16**  
 “*Learning and memory*” Organiser: F Motamedi.

**SYMPOSIUM 20**

“*Response to trauma*” Organiser: E Kirkman

ORAL COMMUNICATIONS: (0C-198 – 0C-204)

**POSTER PRESENTATIONS-4 (PC-121-PC-160)**

1545-1600 **TEA**

1600-1745 **SYMPOSIUM 18**

“*Significance of tropical plants on liver functions*”

Organiser: Pawanee Piyachaturawat

ORAL COMMUNICATIONS: (0C-205 – 0C-211)

ORAL COMMUNICATIONS: (0C-212 – 0C-218)

**POSTER DISCUSSION-4**

*Malaysia is ready*

(From page 1)

on physiology teaching sponsored by the FAOPS Council. It is anticipated that about 350 scientists will participate at the congress. The registration fee for foreign participants is set at USD 250 according to the Council recommendation. Various categories of accommodation ranging from budget to luxury at special rates are being negotiated.

Travel from the Kuala Lumpur International Airport and moving around KL will be very easy and rapid since the Express Rail Link from the KLI air-

port to KL is expected to be complete in July 2002. Besides, two LRT lines will be in service by 2002. A shuttle service between the University LRT Station and the congress venue will be provided. A help desk will be available at the airport or the downtown airport terminal to assist overseas participants.

Dr. Singh had brought with him hundreds of very attractive first announcement for distribution at the IUPS Congress in Christchurch, NZ. The copies disappeared very quickly!

## **RIKEN Brain Science Institute (BSI) Summer Program 2002**

BSI at RIKEN is preparing its annual Summer Program.

Promising young scientists, post-doctoral and graduate students, are invited to participate in either a two-month internship with one of the laboratories at BSI or a lecture course featuring a distinguished international faculty. The topic will be “**Seeing the Brain in Action**”.

**The deadline for application is February 28, 2002.**

Generous support towards travel and lodging expenses will be provided.

For further information, visit the web site: <http://summer.brain.riken.go.jp/> or contact:

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# NEW! PowerLab 4/20T

## An Integrated Physiology Recording System

The PowerLab 4/20T system is the ideal tool for modern physiology education. Utilising the latest technology it provides performance previously only included on our more advanced research systems.

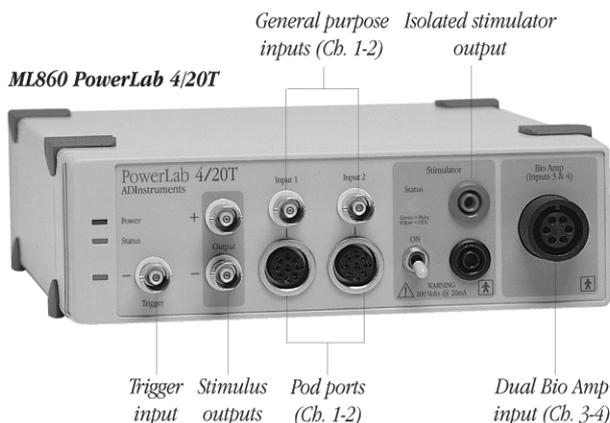
Ideal for all levels of experiments, the PowerLab 4/20T is the perfect partner for your physiology syllabus.

Contact us for a demonstration.

### Typical Applications

- EEG, EMG, EOG
- Arterial pulse and heart rate
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- Nerve conduction studies
- Evoked responses
- Isolated nerve recordings
- Galvanic skin response

The PowerLab 4/20T includes 2 general recording channels, 2 bioamplifier channels and a built-in isolated stimulator. It's capable of recording continuously at speeds of up to 100,000 samples per second. USB interface is standard, making it compatible with both Windows and Mac OS computers.



**ADInstruments will be exhibiting at the 5th FAOPS Scientific Congress 2002, in collaboration with the Annual Meeting of the Malaysian Society for Pharmacology & Physiology held from 23-26 September, 2002.**

**PowerLab<sup>®</sup>**  
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Vol. 10 No. 2, 2001  
ISSN 0858-4354

<http://www.adinstruments.com/FAOPS>



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