

FAOPS NEWS LETTER

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Editorial

Welcome to the 18th edition of FAOPS Newsletter. In this issue we are glad to have a full historical article written Prof Chumpol Pholpramool from Thailand, as one of the pioneers to initiate FAOPS, describing the first days of FAOPS and its establishment process. The article has so many interesting information and in addition, Chumpol has been kind enough to provide us a collection of precious photos of those days which shall undoubtedly remain in the history of this society. In addition we are having an interesting interview with Prof Yasushi Okamura, an outstanding physiologist from Osaka University, Japan. We shall try to have this column in every issue, introducing well known physiologists from different member societies.

Another interesting item is the news about the establishment of a new IUPS entity, "BOARD OF THE GENERAL ASSEMBLY", which Leslie Price has kindly provided. I am sure we shall hear more about this entity and its gains in the next issues. A brand new column is the presentation of physiology society council

members which, thanks to Peter Hunter, we have had the chance to initiate with New Zealand's Physiology society. Through this section we hope physiologists from member societies would have the chance to know their active colleagues in Asian and Oceanic countries.

Our congress report section too has exciting news from next Birmingham IUPS 2013 which Nick Boross-Toby has sent us, and the 3rd conference of South Asian Association of Physiologists (SAAP-3) which shall be held in Sri Lanka provided by Sharaine Fernando. We hope more and more active and enthusiastic physiologists from Asian and Oceanic countries to be able to join these scientific events. Finally, as always, I welcome collaboration of each society member for improvement of the FAOPS newsletter in future.

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FAOPS History by Prof Chumpol Pholpramool

The idea to set up a regional international collaboration among physiologists in Asia and Oceania was initiated in 1984 by Professor Thirayudh Glinsukorn and me, who were then the President and Secretary General of the Physiological Society of Thailand, respectively. We believed that physiologists in more scientifically advanced countries in the region such as Japan, Australia and New Zealand would be willing to help and collaborate with physiologists in the countries with limited resources and facilities in Southeast and South Asia.

We then planned to organize the first international meeting of physiologists in Asia and Oceania hoping that this would bring together physiologists in the region. In 1984, I spent 6 months visiting Professor Brian P Setchell at the Waist Agricultural Research Institute in Adelaide, Australia, when I met and discussed with Professor John A. Young in Sydney, who was then the Dean of the School of Medicine, University of Sydney. The idea was well

supported by him and later by several key persons namely Professors Masao Ito in Japan, John I Hubbard in New Zealand, and S K Manchanda in India. In November 1986, the first Asian and Oceanian Physiological Societies (AOPS) meeting was held at the Imperial Hotel, now being the Imperial Queen Park, in Bangkok. The meeting was very successful and many participants still have good memory of the meeting atmosphere both scientifically and socially. Professor John Eccles was so kind to give a keynote lecture. In addition, Professor Erwin Neher, who later received Nobel Prize in 1990, was among our invited speakers. At the conference, we had a business meeting discussing

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the establishment of an international organization of physiological societies in Asia and Oceania. The proposal was unanimously accepted and I was assigned to propose the name and to draft the Constitution of the organization. We agreed then that the draft be approved at the IUPS meeting in Helsinki in 1990. Most key persons present at the Bangkok meeting met in Helsinki and the name, Federation of the Asian and Oceanian Physiological Societies (FAOPS) and its Constitution as well as the first Council was amended (Figure 1). The officers of the first Council of FAOPS are listed in Table 1. Soon after the amendment of FAOPS Constitution, several regional societies were invited to join and good responses were received. As of 1992, FAOPS has 12 full members and 3 associate members, who pay no dues and have no right to vote

Table 1: The first FAOPS Council members

Office	Name	Country
President	M. Ito	Japan
First-Vice President	S. K. Manchanda	India
Second-Vice President	X. L. Yang	China
Treasurer	C. Y. Chai	Taipei, China
Secretary	C. Pholpramool	Thailand
Member	J. I. Hubbard	New Zealand
Member	W. G. Kim	Korea
Member	F. Motamedi	Iran
Member	R. Rahamimoff	Israel
Member	H. J. Singh	Malaysia
Member	J. A. Young	Australia



Figure 1: Delegates at the meeting for amendment of the FAOPS Constitution in Helsinki, 1990



Figure 2: Inauguration of the Second FAOPS Congress in New Delhi, 1990. C. Pholpramool (third from left), B.K. Anand (fourth from left), S.K. Manchanda (second from right)

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FAOPS Council comprises the executive (Officers) and ordinary members who set forth the policies and action plans that are executed by specific commissions appointed by the council. The appointment to the Council is proposed by a Nomination Committee and approved by the General Assembly, which meets every four years at the congress. Funding of FAOPS comes mainly from annual membership dues and donation. It is important to mention that the Physiological Society of Japan had made a substantial initial funding (USD10,000) to start with. The first council meeting was in Bangkok in 1991 and the Commission on Publication, chaired by Professor Chumpol Pholpramool, was appointed to publish FAOPS Newsletter. The first issue of FAOPS newsletter was published in 1992 to serve as a forum for communication between Council and



Figure 3: Council meeting in New Delhi, 1990. From left: X.L. Yang, J.I. Hubbard, H.J. Singh, S.K. Manchanda, F. Motamedi, M. Ito, R. Rahimoff, J.A. Young, and C. Pholpramool.

Table 2: List of the first FAOPS members (as of 1992)

Name of Society (Abbreviation)	Category	Country
The Australian Physiological and Pharmacological Society (APPS)	Full member	Australia
The Chinese Association for Physiological Society (CAPS)	Full member	China
The Federation of Indian Physiological Society (FIPS)	Full member	India
The Iranian Physiological and Pharmacological Society (IPPS)	Full member	Iran
The Israel Society of Physiology and Pharmacology (ISPP)	Full member	Israel
The Japanese Physiological Society (JPS)	Full member	Japan
The Japanese Society for Physical Fitness and Sports Medicine (JSPS)	Full member	Japan
The Korean Physiological Society (KPS)	Full member	Korea
The Malaysian Society of Pharmacology and Physiology (MSPP)	Full member	Malaysia
The Physiological Society located in Taipei, China (PSC)	Full member	Taipei, China
The Physiological Society of New Zealand (PSNZ)	Full member	New Zealand
The Physiological Society of Thailand (PST)	Full member	Thailand
The Physiology & Biochemistry Subsection Myanmar Medical Association (PBMMA)	Assoc. member	Myanmar
The Physiological Society of Sri Lanka (PSSL)	Assoc. member	Sri Lanka
The Physiological Society of Vietnam (PSV)	Assoc. member	Vietnam

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members as well as among members. Besides the promotion of advanced research, FAOPS also considers physiology teaching is another important task. Thus, a Commission on Physiology Education is another task force that has been set up till today, and the workshop in Physiology Teaching has been a component of FAOPS congress since the Shanghai congress.

In the global community, FAOPS is an associated member of and has close relationship with IUPS. This is evidenced by the facts that several members of FAOPS Council had served in the past IUPS Council (Masao Ito, Akimichi Kaneko, John A. Young, and Chumpol Pholpramool) as well as being a current member (Saeed Semnianian).

Figure 4: Council meeting in Glasgow, 1993. From left: C. Pholpramool, R. Rahamimoff, M. Ito, S.K. Manchanda, and C.Y. Chai

Table 3: Organization of the FAOPS Congresses

FAOPS Congress	Date	Country	City	Host society	Chaired by	Participants	Countries	Oral presentations	Poster
1st	Nov, 1986	Thailand	Bangkok	PST	Prasop Rattana-korn				
2nd	1990	India	New Delhi	FIPS	S.K. Manchandra				
3rd	Nov 7-10, 1994	China	Shanghai	CAPS	Xiong-Li Yang	490	25	280	170
4th	Sept 27- Oct 1, 1998	Australia	Melbourne	APPS, FAONS & NZPS	John A. Young	480			
5th	Sept 23- 26, 2002	Malaysia	Kuala Lumpur	MSPP	Swee H. Cheah	~400			
6th	Oct, 2006	Korea	Seoul	KPS	Ki-Wham. Kim	800			
7th	Sept 11- 14, 2011	Taiwan	Taipei	CPS	Julie Chan	551	27	48	304

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Although the FAOPS Constitution was first amended in 1990, it was agreed that the meeting in Bangkok in 1986 was the first FAOPS Congress. The second FAOPS congress was invited by Professor S K Manchanda in New Delhi in 1990, and the third was proposed by Professor Xiong-Li Yang in Shanghai in 1994. Since then much interest in hosting the congress increases and the official bidding becomes more vigorous. Furthermore, travel awards were offered by FAOPS to encourage young physiologists to take part in the subsequent congresses. Table 3 illustrates details of the FAOPS congresses from the first to the seventh. Figures 2 to 8 show historical pictures of the council meetings from my collections between 1990 and 2002.



Figure 5: Council meeting in Shanghai, 1994. From left: S.H. Lee, H.J. Singh, C.Y. Chai, C. Pholpramool, M. Ito, X.L. Yang, S.K. Manchanda, F.Motamedi, and R. Rahamimoff



Figure 6: Council meeting in Kuala Lumpur, 2000. From left: P.S.G. Wang, X.L. Yang, A. Kaneko, J.A. Young, F. Motamedi, K.W. Kim, H.S. Cheah, R. Rahamimoff, and T. Glinsukon

FAOPS History

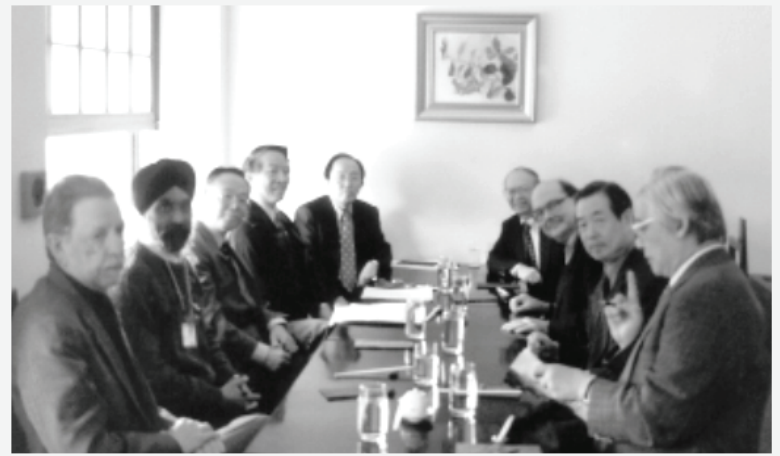


Figure 7: Council meeting in Christchurch, 2001. From left: R. Pack, H.J. Singh, X.L. Yang, P.S.G. Wang, K.W. Kim, C. Pholpramool, J.A. Young, A. Kaneko, and M. Ito



Figure 8:
Council meeting in Seoul, 2002. From left: P.S.G. Wang, S. Semnanian, H.S. Cheah, C. Pholpramool, A. Kaneko, K.W. Kim, M. Fan

FAOPS interview: Prof Yasushi Okamura

First of all, we would like to have a brief introduction, especially your education (and personal) profile:

I am now Professor at Department of Physiology, Graduate School of Medicine, Osaka University. I teach medical students and graduate students. Our lab is interested in (1) structure and function of voltage-sensor domain proteins that we discovered from genome of sea squirt (2) how ion channels are integrated into biological functions such as brain function, reproductive function and immunological function (3) evolution of vertebrate nervous system. I was trained as electrophysiologist and developmental biologist in the University of Tokyo under the supervision by Dr. Kunitaro Takahashi. He was the great mentor, not only for teaching research but also for teaching how to live as a scientist. I finished PhD by the help of many colleagues in Dr. Takahashi's lab. Especially, I learned computer programming and making electric circuits by working together with Dr. Munetaka Shidara who is now the professor at Tsukuba University. Also I learned together with my classmates, Dr. Yoshihiro Kubo, who cloned inward rectifier K^+ channels in Lily Jan's lab in UCSF. After spending one year in the University of Tokyo after PhD program, I went to Dr. Gail Mandel's lab at SUNY at Stony Brook to learn molecular biology of ion channels. I know many foreign scientists whom I still keep in contact with Dr. Gail Mandel (who is NAS member at Vollum Institute, and the member of HHMI) was very generous and let me continue to work on sea squirt as the extended project which I was doing in PhD program of University of Tokyo. This encouraged me to continue research on the same line from my own motivation, leading to discovery of two novel membrane proteins from the genome of sea squirt. After going back to Japan, I worked as instructor for Dr. Kunitaro Takahashi by working on the sea squirt (mainly, ion channel molecular biology and developmental biology), then moved to National Institute of Advanced Technology as the senior scientist and National Institute of Natural Sciences as the full professor. I started to look into genome information of sea squirt and discovered two novel membrane proteins with voltage sensor. One gene is called, VSP (Voltage

sensing phosphatase), that has voltage sensor with phosphatase. The other is VSOP (voltage-sensor only protein) that operates as voltage-gated proton channel (Hv channel). Hv channel has been described in blood cells as "proton venting" system during the production of reactive oxygen species. 3 year ago, I moved to Osaka University. Teaching young students almost with the same age as my children is a fun. I was able to live with my family together about half of my time as scientist after marriage, since I moved to different places and needed to live separately each time from my family. I now realized that time goes very fast. Although I need to find ways to spend time and efforts to many different directions (including research, human relationship, and university education), I would like to keep asking scientific questions and make new adventures.

What factors in your general life influence you most? How have your family influenced in your scientific work?

Peaceful relationship among people (family, relative, friends and colleagues) and beautiful life (with nature, literature, some art and music). Yes, time for research is restricted if we care for our family. In this sense, family influences much in terms of time, where to live and how to live.

What factors influenced you the most in deciding to be a physiologist?

Meeting with good mentors.

When did you start your career in scientific research and in what area?

I entered science by doing electron microscopy experiments when I was an undergraduate (1983).

Could you describe your laboratory; i.e. the atmosphere, the staff, and the students according to their degrees?

Our lab includes three assistant professors and three postdocs and three technicians and two graduate students. Assistant professors are very independent and motivate themselves. Most of the people seem to get relaxed when



they joined my lab. Many of them got married or have baby after they joined my lab. Maybe I do not pose much pressure to them.

When did you first begin thinking about being a scientist?

I was a medical student who was interested in neuroscience. Then, I became a graduate student. Then, instructor. I did not change what I was doing. But position was just changed when years passed.

How many hours do you work per day?

9AM to 9 PM. So, totally 10 to 12 hrs/day.

Can you describe how you spend your working hours?

I read article in the train during commuting time for 1hr on the way to the lab. Time includes paperwork for university activities and research, experiments, writing papers, reviewing papers, consulting with people, discussion with colleagues on science.

How do you manage your time over research, education, meetings, lecture, travel and professional consulting?

I write manuscripts early morning since brain works best in this time frame. Most of paper works and writing email responses would be done in the afternoon (but not easy to do).

What are the remarkable characteristics of distinguished scientists?

Leaderships based on intelligence, generosity, discernment, critical and logical thinking, and exclusion of small selfish attitudes.

What are the qualities that discriminate a prominent and successful scientists from less successful ones?

FAOPS interview-Yasushi Okamura

I do not know. Possibly, attitude of keeping asking scientific questions, brave attitude of challenging new things with new approaches, modest attitude of accepting opinions of others, braveness of going beyond established ideas and authority.

What advice would you give young scientists for their future careers?

Science is human intellectual activity that comes from curiosity as one of the brain activities unique to human. Before 17th century, basic science was not supported by any funding. These academic activities were done as hobby or personal activities by people whose life was supported by other things (imagine that Mendel was never paid for his discovery of genetics). Scientists are among rare occupations that allow life support based on purely intellectual brain activities since 17th century. Working as just medical doctors is very different from scientists. Failures will raise scientists, but clinicians are not allowed to do failures. Scientists always need to find something new and are not allowed to stay in the same place. I would like to say to young people that your life is just once, and you should think what is most important to your short life span.

What do you consider to be your most important studies and contribution to physiology?

Integration of molecular findings into function.

How can we establish better links between basic and clinical sciences?

Two things. First, more scientists both understand clinical science and basic science. We need to raise young human resources who can do this. Toward this aim, some new education system that allows early exposure both to medical science and basic science for non-MD will be helpful (for example, we are starting new graduate school program this year

<http://www.stn.osaka-u.ac.jp/english/index.html>).

Second, we should make good relationship between both fields by good collaborations.

What do you think about awards and for you, which have been the most truly emotive?

Any award will encourage research. Also, just approval of research grant has the same significance. Any grant or award has been encouraging to me.

Which are the three most important scientific questions that you would like to answer?

- Molecular and biophysical principles of membrane proteins for ion transport and voltage signal.
- What kinds of molecular aspects are the keys for primate' physiological functions including brain function and how these are integrated into functions.
- Development of brain wiring.

Summary of FAONS Congresses & Symposia

In this issue Prof Chumpol Pholpramool have presented a table consisting the details of the seven FAOPS congresses from 1986 up to now. Here is also the list of our sister institution, FAONS (Federation of Asian and Oceanic Neuroscience Societies) congresses for your information

DATE	CONGRESS	SYMPOSIUM	LOCATION	HOST MEETING
1996 20-23 Oct	1 st Congress	-	Pattaya, Thailand	Thai Neuroscience Society
1998 27 Sept-1 Oct	2 nd Congress	-	Brisbane, Australia?	Australian Neuroscience Society
2000 7-10 Dec	-	1 st Symposium	Hong Kong	The Hong Kong Society of Neurosciences
2002 29 Sept-2 Oct	3 rd Congress	-	Seoul, Korea	Korean Society for Brain and Neural Science
2004 17-19 May	-	2 nd Symposium	Tehran, Iran	3 rd Iranian Neuroscience Congress
2006 30 Nov-2 Dec	4 th Congress	-	Hong Kong	The Hong Kong Society of Neurosciences
2008 4-6 Dec	-	3 rd Symposium	Bangkok, Thailand	Thai Neuroscience Society, postponed
2009 17-20 May	-	3 rd Symposium	Bangkok, Thailand	Thai Neuroscience Society, cancelled
2010 25-28 Nov	5 th Congress	-	India and Sri Lanka	Indian Academy of Neuroscience, Neuroscience Society of Sri Lanka (Satellite)
2013 3-6 th Feb		3 rd Symposium	Melbourne	Australian Neuroscience Society

THE ESTABLISHMENT OF A NEW IUPS ENTITY – “BOARD OF THE GENERAL ASSEMBLY”

The International Union of Physiological Sciences (IUPS) has established a new entity, the Board of the General Assembly (BGA). This group of 15 members, selected by the Executive Committee, will increase and expand the ability of the member organizations of IUPS to play continuing, active roles in the management and operation of IUPS. New Board members will be elected by the GA during meetings at the Congresses. The BGA will have a balance in its membership between representatives of both the larger and smaller participating societies in IUPS and between representatives from the different regions of the world.

The Board of the General Assembly was created by a proposed amendment, approved by more than 2/3 of the delegates to the 2009 Congress with 100% participation. The amendment will become paragraph 8 of “Article V: General Assembly” of the Constitution of IUPS adopted in 2001. The members of the Board of the General Assembly are:

Peter Hunter (IUPS), David Allen (Australia), Aldo Bolten Lucion (Brazil), Nina Belova (Bulgaria), Xiaomin Wang (China – CAPS), Julie Y.H. Chan (China – CAPS Taiwan), Liisa M Peltonen (Finland), Marc Zelter (France), H. Michael Piper (Germany), Jayasree Sengupta (India), Katsuhiko Mikoshiba (Japan), Yang-Hyeok Jo (Korea), Pavel Balaban (Russia), Siyanda Makaula (South Africa), Mike Spyer (UK), Peter D. Wagner (US)

Leslie Price, Manager, International Union of Physiological Sciences (IUPS)

The Physiology Society Council Members: New Zealand

President: Prof Peter Hunter



Auckland Bioengineering Institute
University of Auckland, Auckland

Treasurer: Dr Ian LeGrice



Dept of Physiology,
University of Auckland, Auckland

Secretary: Dr Kirk Hamilton



Dept of Physiology,
University of Otago, Dunedin

Proceedings Editor: Dr Chris Charles



Dept of Medicine,
University of Otago, Christchurch

Website and Newsletter Editor: Dr Vijay Rajagopal



Auckland Bioengineering Institute,
University of Auckland, Auckland

Student Representative: Jonna Terkildsen



University of Auckland, Auckland

Dr Pete Jones
Dept of Physiology
University of Otago, Dunedin



Prof Laura Bennet
Dept of Physiology
University of Auckland, Auckland



Prof Peter Larsen
Dept of Surgery and Anaesthesia,
University of Otago, Wellington



Dr Daryl Schwenke
Dept of Physiology
University of Otago, Dunedin



Dr Carolyn Barrett
Dept of Physiology,
University of Auckland, Auckland



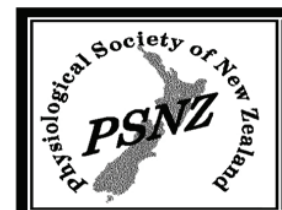
Dr Kevin Stewart
Science and Primary Industries
Waikato Institute of Technology, Hamilton



Dr Colin Brown
Dept of Physiology
University of Otago, Dunedin



Dr Merryn Tawhai
Auckland Bioengineering Institute
University of Auckland, Auckland



Future Congresses

Update on IUPS 2013 (www.iups2013.org)



The Congress is now a very short thirteen months from this issue of the FAOPS Newsletter. By the time you read this article, the International Scientific Programme Committee (ISPC) will have met in Birmingham and have selected the symposia to form the heart of the Congress. The list of topics is now online. Early feedback on the selections has been very positive and I am certain readers will agree that the next congress will have a tremendous amount of exciting science on offer. The Congress will be preceded by the traditional IUPS residential Teaching & Education workshop, which in 2013 will be hosted in the city of Bristol. Stay tuned for further developments. Transportation from Bristol to Birmingham will be arranged.

Planning is progressing well and as the Congress nears, excitement is mounting.



Registration, abstract submission and accommodation booking will all open on 1 September 2012, so mark this date and tell your friends, colleagues and collaborators. Bookmark the website www.iups2013.org for all the latest news and updates. Stage two of the website (the science), will be launched in July 2012. A number of travel grants will be available to support attendance. Further details will appear online in August 2012.

We are also delighted to be able to formally announce our partnership with both the European Society for Microcir-

ulation (ESM) and the European Vascular Biology Organisation (EVBO) who have agreed to join the IUPS Congress in 2013. We look forward to working closely with both organisations over the coming months.

How you can get involved in IUPS

Suggestions for topical and controversial Point-Counter-Point sessions are sought. These mini-sessions of a maximum of 15 minutes in duration will consist of two individuals debating a specific topic. Please submit your contentious issue that has perhaps polarised current thinking (or might do in future), along with the names of two individuals who might be prepared to speak on the topic from opposite ends of the spectrum. Each session will have a moderator with the audience voting on the overall winner at the end. Top predictions in the physiological sciences – what can we expect in the next 100 years!

We would like to solicit some of your predictions of where we will be 100 years from now (scientifically speaking that is). The prediction should be in the form of a one-line headline statement and be aimed at a general public audience. Selected predictions will be judged by a panel of experts as to the likelihood of coming true and will form part of an on-line discussion forum, prior to and during the meeting. Those submitting should be prepared to comment further and be available for media enquiries if asked.

Official congress bloggers wanted. Are you an established blogger? Fancy reporting on the congress as it happens? Please RSVP to info@iups2013.org telling us who you are and providing a link to a previous blog. Official bloggers will be offered a 50% discount on their registration fee.

Suggestions for "Point-Counter-Point sessions" and 100 year predictions should be sent to info@iups2013.org by 1 November 2012.

Sponsoring & exhibiting

We are always on the look-out for potential sponsors and exhibitors. If you know of any local contacts who you think might be interested in promoting their company, products and services at an IUPS Congress in Europe which hopes to draw up to 5000 participants, do ask them to visit the website where they can view the brochure of opportunities on offer or alternatively they may email iups@biomedex.co.uk for further details.

**Nick Boross-Toby, Director, Events & Marketing,
The Physiological Society**



3rd conference of South Asian Association of Physiologists (SAAP-3)

Message from the Chairperson

I warmly welcome you to the 3rd conference of South Asian Association of Physiologists (SAAP-3) to be held at hotel Taj Samudra from the 7th to the 10th of November 2012. It is a unique event hosted by the Physiological Society of Sri Lanka (PSSL) in its 25th anniversary year with academics of eight universities contributing to organize this conference. The scientific committee chaired by Dr. Deepthi de Silva has come out with an academic programme under the theme "Advances in Physiology: trends and opportunities". The main conference will include plenary sessions and symposia presented by identified speakers from the SAARC region and eminent speakers from other parts of the world. The free communication sessions will be a wonderful opportunity for the postgraduate students and the young scientists to present and discuss their research with other researchers and experts in the relevant fields.



The pre congress workshop on "Physiology Education" is organized by Prof. Arif Sidiqqi, who is a member of the education committee of International Union of Physiological Sciences (IUPS). This will be a full day programme held at the Faculty of Medicine, University of Colombo with world renowned medical educationists contributing as resource personnel. A symposium on physiology education and research will also be extended in to the main conference.

Two post congress workshops will be held in two faculties of medicine in the scenic hill capital, Kandy and in the southern coastal city of Galle. They are on Nerve conduction and evoked potentials – Basic techniques and clinical applications and on Assessment of bone mineral density – Research and clinical applications organized by the University of Peradeniya and University of Ruhuna, respectively.

The publicity and social events committee headed by Dr. Sudharshani Wasalathanthri will organize an interesting social programme for the accompanying persons and for the participants. The conference inauguration will be followed by a welcome reception and a cultural show. It will not only be a great scientific opportunity but a memorable personal experience for all the participants to visit this beautiful island and to experience the well known warmth of the people of Sri Lanka.


I look forward to meeting all of you in Colombo at the SAAP 3 conference in November 2012 !

Professor Sharaine Fernando MBBS, PhD
Chairperson, Conference Committee



3rd South Asian Physiologists Conference

Advances in Physiology: Trends and Opportunities




7th - 10th November 2012
Colombo, Sri Lanka

**Abstract Submission Deadline
Extended to 15th July 2012**

For further information visit
www.saap2012.org

WELCOME TO SRI LANKA!
THE PEARL OF THE INDIAN OCEAN



Contribute your news!

Did your society host a conference or event?

Do you have a physiology meeting that would be of interest to other FAOPS members? The FAOPS e-newsletter is a perfect way to communicate your news with other members.

We are also interested in your suggestions for features or spotlights on research, on educational outreach, to be included in the FAOPS e-newsletter.

Submit an article – make sure to include photographs, if possible:

Submit news now.

The FAOPS e-newsletter publishes twice a year at December and June.



Meeting Calendar 2012



The Eleventh International Symposium on Neurobiology and Neuroendocrinology of Aging

July 29–August 3, 2012, Bregenz, Austria <http://www.neurobiology-and-neuroendocrinology-of-aging.org/>



THE NEW WORLD OF ANION AND CATION CHANNELS
2012 International Ion Channel Conference (IICC)
August 24 ~ 27, 2012
The Shilla Hotel Jeju, Korea

<http://www.ionchannel.co.kr/main.html>

Milan 2012
14TH WORLD CONGRESS ON PAIN®
Milano Convention Centre | August 27-31, 2012
www.iasp-pain.org/Milan

11th Biennial Meeting of the Asia-Pacific Society for Neurochemistry and 55th Annual Meeting of the Japanese Society for Neurochemistry (APSN/JSN 2012)

Kobe, Japan, Sep 29-Oct 2, 2012

http://www.apsn neurochem.org/apsn2012_01.htm



10th Inter-Medical School Physiology Quiz
Prof. A. Raman Challenge Trophy
Date : 29th – 30th August 2012
Venue : University of Malaya, Kuala Lumpur, Malaysia

25th European College of Neuropsychopharmacology Congress (ECNP congress)

Vienna, Austria, 13-17 October 2012

<http://www.ecnp-congress.eu>



The 35th Annual Meeting of the Japan Neuroscience Society
September 18(Fri.)-21(Fri.), 2012

<http://neuroscience2012.jp/english/index.html>



2nd International Multidisciplinary Forum on Palliative Care 2012 (IMFPC 2012)

22-25 November 2012, Florence, Italy

<http://www.imfpc.org>



New category on FAOPS e-newsletter

- ⇒ **Pre- and post-graduate student applications:** Students looking for physiological research and clinical positions abroad
- ⇒ **FAOPS newsletter intends to facilitate the exchange of pre and post-graduate students within the Asian and Oceanic region.** To facilitate the exchange, FAOPS newsletter has opened a new category by the title: **“Student application”**

⇒ Pre-and post-graduate students are entitled to email an application (free of charge) to FAOPS newsletter for participating in a scientific and/or clinical setting abroad.

⇒ Team leaders are invited to browse through these applications and contact the students by email to host a foreign student in their institute.



FAOPS e-newsletter



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