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Place
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Taipei 101

The 7th FAOPS Congress

September 11-14, 2011
Taipei, Taiwan

Call for Abstracts



The 7th FAOPS Congress

September 11-14, 2011
Taipei, Taiwan

Message from the Organizer

Dear Friends and Colleagues:

Happy New Year!

On behalf of the Organizing Committee, it gives me great pleasure to invite you to participate in the 7th Congress of the Federations of Asian and Oceanian Physiological Societies (FAOPS), to be held in Taipei, Taiwan on September 11-14, 2011.

With the human genome deciphered during the last millennium, the first decade of this millennium saw shifting of biomedical research from identification of novel genes and proteins to delineation of novel functional phenotypes for these genes and proteins. By bridging molecules and functions, it is anticipated that physiology will again be in the scientific limelight in 2011. It is in this spirit that the theme of the 7th FAOPS Congress is "Physiology: the continuum of genes to functions". The Congress will provide an excellent opportunity to review the current advances in physiological science. Many distinguished physiologists have accepted our invitation to participate in this Congress. Papers will be presented in the form of plenary lectures, special lectures, symposia, topical workshops, and oral or poster presentations. We are now calling for Abstracts for free communications, which will form the core of our scientific program.

The Congress will also be a premier venue for young physiologists to advance their career development. For this purpose, we are prepared to support young investigators, through the Young Investigator Award, to encourage them to participate in the 7th FAOPS Congress.

Please visit the Congress website <http://conf.ncku.edu.tw/faops/> for detailed information on the scientific program, registration, abstract submission, application procedures for the Young Investigator Award, accommodation and exhibits. The deadline for early registration, abstract submission, and application for Young Investigator Award is **APRIL 30, 2011**.

We look forward to welcoming you to the 7th FAOPS Congress and to the beautiful city of Taipei in September 2011.

Cordially,



Julie Y.H. Chan, PhD

Chairperson

Organizing Committee of the 7th FAOPS Congress

For further information please contact:

Mei-Ling Tsai, PhD

Secretary General

The 7th FAOPS Congress

E-mail: mltsai@mail.ncku.edu.tw



Keelung National Park

Organization

Organizing Committee

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Chen-Tung Yen

Ching-Jiunn Tseng

Key Dates

2011 01/15

04/30

06/15

05/01-09/14

09/10

09/11-09/14

Events

Open for abstract submission and registration

Deadline for

1. Early registration

2. Abstract submission

3. Application for Young Investigator Award

Notification of Young Investigator Award

Late registration

Satellite Symposium on physiological education

Satellite Symposium on herbal medicine

Cross-Strait Joint Symposium on Basic and

Applied Physiology

7th FAOPS Congress in Taipei



Site

General Information

Visa Requirement

There is a visa exemption for citizens from 33 countries to enter Taiwan.

(For details please see

<http://www.boca.gov.tw/ct.asp?xItem=1443&ctNode=116&mp=2>)

Regular visitor visa is required for other citizens.

(For details please see <http://www.boca.gov.tw/content.asp?Cultem=1900>)

If you need other supporting documents (e.g. invitation letter), please write to the FAOPS Secretariat (FAOPS@con.f.ncku.edu.tw).

Local Weather Information

For updated weather information please see

<http://www.cwb.gov.tw/eng/index.htm>.

Arrival

There are two convenient routes from abroad to get to Taipei (either Taipei or Kaohsiung).

- The more direct way is to fly into Taipei International Airport (also known as Taoyuan International Airport) and then take a shuttle bus to Taipei Main Station. It will take approximately 50-60 minutes, and the fare is NT\$125 (adult) or NT\$65 (child).
- The other way is to fly into Kaohsiung International Airport and take a domestic flight or Taiwan High Speed Rail to Taipei.

Transportation

Taiwan Taoyuan International Airport <http://www.taoyuanairport.gov.tw>

Taiwan Kaohsiung International Airport <http://www.kia.gov.tw>

Taiwan High Speed Rail <http://www.thsrc.com.tw>

Taiwan Railway Administration <http://www.railway.gov.tw>

Taipei E-Bus System <http://www.e-bus.taipei.gov.tw>

Taipei Songshan Airport <http://www.tsa.gov.tw>

Taipei Metro <http://www.trtc.com.tw>

Congress Venue

The Congress will be held at the National Taiwan University Hospital (NTUH) International Convention Center, Taipei, Taiwan. Detailed floor maps will be displayed near the conference rooms at the Congress venues. There will be special FAOPS 2011 flags placed in front of the venue for identification.

Language

The official language is English. Translation service between Chinese and English is provided for non-scientific activities.

Registration

Online registration is available at the 7th FAOPS Congress website. Please note that presenting authors must register on-line before the deadline (April 30, 2011) of abstract submission. The opening hours of the Registration Desks are:

September 11 (Sunday):	From 09:30 to 20:00
September 12-13 (Monday-Tuesday):	From 07:30 to 20:00
September 14 (Wednesday):	No registration.

Participant Identification

At the Registration Desk, participants will each receive the Congress badge and Proceedings. The Congress badge is required for admission to all scientific sessions and meal services. All Congress staffs wear yellow badges and in addition some wear blue T-shirts for easy identification.

Service Desk

During the Congress, a Service Desk operates at the entrance to the Congress venue from 7:30 to 20:00 hrs. For all inquiries please contact this Desk. At this Desk there is a message board and an area displaying updated Congress pictures. Electronic copies will be available for download on the FAOPS website after the meeting.

Internet Service

Free wireless connection is available at the conference venue. A limited number of computers are also available. For details and additional help please contact the Service Desk.

Currency Exchange

The currency in Taiwan is the New Taiwan Dollar (NTD) (for details see <http://eng.taiwan.net.tw/m1.aspx?sNo=0002065>). NTD can be exchanged at the international airports of Taiwan or at major hotels. For updated exchange rates, please see <http://finance.yahoo.com/currency>.

Smoking

Smoking is prohibited inside the Congress venue. Smoking is permitted may be allowed in outdoor areas (please ask Service Desk for assistance).

Insurance

Kindly check the validity of your personal and medical insurance. The Congress organizers will not accept liability for personal injuries or loss or damage of property belonging to the Congress participants. Group insurance is included in the charges for congress tours.

Registration

Deadline	Registrant	Registration Fee
Early registration: Deadline: April 30, 2011	Regular	USD 300
	Post-doctoral fellow	USD 200
	Student	USD 100
	Accompanying person	USD 200
Late registration: After April 30, 2011	Regular	USD 400
	Post-doctoral fellow	USD 250
	Student	USD 150
	Accompanying person	USD 250

Registration fee for Regular Participant and Student includes:

1. Admission to scientific program of the Congress
2. Admission to exhibition of the Congress
3. Documentation including abstract CD-ROM
4. Opening Ceremony, Welcoming Reception and Closing Ceremony

Registration fee for Accompanying Person includes:

1. Opening Ceremony, Welcoming Reception and Closing Ceremony
2. Admission to poster presentations

Congress banquet

Tickets for Congress banquet can be ordered on-line or at the Service Desk for USD 70.

Cancellation and refund policy

To cancel and receive an 80% refund for registration, the registration receipt and a cancellation letter requesting a refund of the registration fee must have been received by **August 10, 2011**. After August 10, 2011 there are no refunds.

Call for Abstracts



Redia Geopark

Submission deadline: April 30, 2011

Free communications are in the form of poster presentation; some abstracts will be selected for oral presentations in an appropriate symposium

Themes for Abstracts:

1. Ageing
2. Alternative medicine
3. Bioengineering
4. Control of cardiovascular functions
5. Computational physiology
6. Environmental physiology
7. Epithelial physiology
8. Exercise physiology and respiration
9. Gastrointestinal physiology
10. Herbal medicine
11. Hypoxia
12. Ion channel
13. Metabolism and endocrinology
14. Mitochondrial function
15. Nervous system
16. Physiological education
17. Redox signaling
18. Renal physiology
19. Sensory and motor physiology
20. Signal transduction and cell physiology
21. Stem cell
22. Synaptic transmission, learning and memory
23. Systemic and integrative physiology
24. Vascular physiology
25. Others



Afshan



Penghu Island

Young Investigator Awards

The aim of the Young Investigator Awards is to provide an opportunity for young physiologists based in the Asian and Oceanian region to interact with regional scientists by presenting their work at the Congress.

● Eligibility

- (1) Age: 45 or under on September 1, 2011
- (2) Postdoctoral fellows and faculty with a rank not higher than assistant professor or equivalent

● The Award

- (1) Each awardee will receive USD500
- (2) Registration fee will be waived

● Application Materials:

Please upload the following items in a single pdf file at:

<http://conf.ncku.edu.tw/faops/>. Start a new page with each item.

- (1) Curriculum Vitae and Photograph
- (2) Letter signed by Department Chairman or Supervisor certifying the status of the applicant
- (3) Submitted Abstract
- (4) Full Manuscript
 - The manuscript should be written in English and should be an expansion of the submitted Abstract.
 - It should include Introduction, Methods, Results, Conclusions, References and Figures.
 - Include full first name, middle initial and last name for all authors. The applicant must be the first author.
 - Write the manuscript in single space using the Times New Roman in 12 points. The page limit for the entire manuscript is 15.

Application deadline: April 30, 2011

Notification of award: June 15, 2011

Confirmed Plenary Lectures

Shu Chien

(Department of Bioengineering, University of California, San Diego, USA)

Title:

"Role of Mechanotransduction in Cardiovascular Homeostasis"



Ken-ichi Honma

(Department of Physiology, Hokkaido University School of Medicine, Sapporo, Japan)

Title:

"Circadian Organization of Brain Functions: from Molecule to Behavior"



Shmuel Muallem

"John A. Young Lecture"

(Department of Physiology, University of Texas Southwestern Medical Center, Dallas, USA)

Title:

"Mechanism and Regulation of Epithelial HCO₃⁻ Secretion"



Xiong-Li Yang

(Institute of Neurobiology, Fudan University, Shanghai, China)

Title:

"Modulation of Retinal Information Processing"



Confirmed Special Lectures

- *Saleh Zahedi Asl (Iran)*
Title: Developmental effects of fetal and neonatal thyroid hormones on carbohydrate metabolism during adult life
- *Angela Dulhanty (Australia)*
Title: Molecular interactions allowing skeletal muscle excitation-contraction coupling
- *Won-Kyung Ho (Korea)*
Title: Crosstalk between two energy sensors, AMPK and KATP channels, in pancreatic cells
- *Sahn Hee Kim (Korea)*
Title: Pathophysiological roles of atrial natriuretic peptide
- *Nateetip Krishnamra (Thailand)*
Title: A perspective view on differential bone changes in physiological and pathological hyperprolactinemia
- *Chung Chin Kuo (Taiwan)*
Title: Electrophysiological perspectives on the treatment of Parkinson's disease
- *Lan Ma (China)*
Title: From molecule to behavior: unveiling the importance of novel signaling pathways in brain physiology
- *Florian Lang (Germany)*
Title: Suicidal erythrocyte death
- *Emmy H. Y. Lee (Taiwan)*
Title: Hes-1 negatively regulates GluR1 expression and calcium influx
- *Harunori Ohmari (Japan)*
Title: Processing of the interaural time difference cues for the localization of a sound source
- *Mohan Rajzada (USA)*
Title: Vasoprotective axis of the RAS as a target for cardiopulmonary disease therapeutics
- *Ravshan Sabirov (Uzbekistan)*
Title: Anion channel-mediated metaboergic signalling
- *Makoto Tomimaga (Japan)*
Title: Physiological significance of thermosensitive TRP channels
- *Xiao-Min Wang (China)*
Title: Efficacy and mechanism of electro-acupuncture on Parkinsonian models
- *Irving Zucker (USA)*
Title: The origin of sympatho-excitation in heart failure: A critical role for Angiotensin II

List of Symposia

1. Cellular redox signaling and mitochondrial function
2. Central mechanisms of cardiovascular adaptation
3. Epithelial transporters: properties, regulation and relation to diseases
4. Evidence-based alternative medicine
5. Exercise physiology
6. Impact of environmental chemicals on brain development
7. Mechanotransduction in endothelial cells
8. Obesity and cardiometabolic abnormalities
9. Pathophysiology of ageing
10. Signal transduction in epithelial transport
11. Stem cell
12. Synaptic and network plasticity in development and learning
13. Innovative teaching in physiology
14. Vascular diseases and their therapies

Satellite Symposia

- **Physiological Education**
Title: Preparing Educators for Millennial Generation Learners
9/10, organized by National Cheng Kung University
[Http://conf.ncku.edu.tw/faops/FAOPSPhysiologicalEducation-01152011post.pdf](http://conf.ncku.edu.tw/faops/FAOPSPhysiologicalEducation-01152011post.pdf)
- **Herbal Medicine**
Title: Traditional Chinese Medicine and Alternative Medicine
9/10, organized by China Medical University.
[Http://conf.ncku.edu.tw/faops/FAOPS-HerbalMedicine-01172011-public.pdf](http://conf.ncku.edu.tw/faops/FAOPS-HerbalMedicine-01172011-public.pdf)
- **Cross-Strait Joint Symposium on Basic and Applied Physiology**
9/10, organized by National Yang-Ming University
[Http://conference.ym.edu.tw/actnews/?Sn=59](http://conference.ym.edu.tw/actnews/?Sn=59)

All the speakers and participants of
Satellite Symposia who wish to attend the
7th FAOPS Congress should register for the Congress

The Scientific Sessions will be held at

Taiwan University Hospital Convention Center (THCC, Taipei)

<http://www.thcc.net.tw>



September 11, 2011 (Sunday)					
	1 st Floor		3 rd Floor (Room 301)		
Registration (1F Lobby)	09:30-12:00	[Council Meeting]			
	14:00-15:30	General Assembly			
	16:30-18:00	Opening Ceremony (Room 101)			
	18:00-20:00	Welcoming Reception			
September 12, 2011 (Monday)					
	2 nd /3 rd Floor				
	Room 202	Room 203	Room 205	Room 301	
Registration (2F Lobby)	07:30-08:00	Poster Mounting			
	08:00-09:40	Symposium 1 (S1)	S2	S3	Oral communication 1 (O1)
	09:40-10:00	Poster Viewing (From 08:00 to 15:30)			
	10:00-11:00	Coffee Break (2 nd and 3 rd Floor Lobby)			
	11:00-12:30	Plenary Lecture (K1)			
	12:30-14:00	Poster Presentation			
	12:30-14:00	Lunch/Workshop (2 nd and 3 rd Floor Lobby)			
	14:00-15:00	Special Lecture 1 (SL1)	SL2	SL3	SL4
	15:00-15:30	Coffee Break (2 nd and 3 rd Floor Lobby)			
	15:30-16:30	Plenary Lecture (H2)			
	16:30-18:10	S4	S5	S6	O2
	18:30-20:00	(Council Meeting)			
September 13, 2011 (Tuesday)					
	2 nd /3 rd Floor				
	Room 202	Room 203	Room 205	Room 301	
Registration	07:30-08:00	Poster Mounting			
	08:00-09:40	S7	S8	S9	O3
	09:40-10:00	Poster Viewing (From 08:00 to 15:30)			
	10:00-11:00	Coffee Break (2 nd and 3 rd Floor Lobby)			
	11:00-12:30	Plenary Lecture (K3)			
	12:30-14:00	Poster Presentation			
	12:30-14:00	Lunch/Workshop (2 nd and 3 rd Floor Lobby)			
	14:00-15:00	SL5	SL6	SL7	SL8
	15:00-15:30	Coffee Break (2 nd and 3 rd Floor Lobby)			
	15:30-16:30	Plenary Lecture (K4)			
	16:30-18:10	S10	S11	S12	O4
	19:00-21:00	Congress Banquet			
September 14, 2011 (Wednesday)					
	Floor	2 nd /3 rd Floor			
No	Room	Room 202	Room 203	Room 205	Room 301
Registration	08:00-09:40	S13	S14	S15	O5
	09:40-10:00	Coffee Break (2 nd and 3 rd Floor Lobby)			
	10:00-11:45	Special Lectures by Young Investigator Awardees			
	12:00-13:00	Closing Ceremony/Young Investigator Award Ceremony			

SL: special lecture-22 speakers (30 min/person) invited speakers

S: Symposium-4-5 speakers (20-25 min/person)

O: Oral Communication-5 speakers (20 min/person)