



9th FAOPS CONGRESSES

Federation of the Asian and Oceanian Physiological Societies

in conjunction with The 96th Annual Meeting
of the Physiological Society of Japan



Invitation Message

On behalf of the Organizing Committee, we are pleased to invite you to participate in the 9th Federation of the Asian and Oceanian Physiological Societies Congress (FAOPS2019) from March 28th to 31st, 2019, in Kobe, Japan.

FAOPS2019 will be held in conjunction with the 96th Annual Meeting of the Physiological Society of Japan (PSJ). The theme for the Congress is "Philosophy of Life: Function and Mechanisms".

We anticipate 2,000 registrants from Asian and Oceanian countries, who share interests in all aspects of physiological sciences, including advanced research and translational physiology. The Congress will provide a number of interesting events, such as three plenary and ten special lectures, and more than 50 symposiums/seminars as well as special talks and social activities.

The Congress will also be associated with teaching workshop and training course for young researchers. There will be numerous opportunities to gain new knowledge, share technical expertise and the latest research discoveries, and to enjoy scientific and educational interactions.

In addition to attending the Congress, we invite you to enjoy the spring in Japan.

The Congress will be held during the beautiful cherry blossom season.

Kobe is a historical port city and convenient for visiting the most exciting and historic areas, such as Osaka and Kyoto.

Please visit the Web site and register your participation in the Congress.

We look forward to seeing you and your colleagues in Kobe!

Yours sincerely,



J. Nabekura
President of
FAOPS2019



Y. Marunaka
President of
PSJ



M. Tominaga
President of
96th PSJ Meeting



PHYLOSOPHY OF LIFE: FUNCTION AND MECHANISMS

Registration

Aug. 1, 2018 ~

Abstract submission:

Aug. 1~Oct. 2, 2018

Young Scientist Travel Awards application

Aug. 1~Oct. 2, 2018

Host Society: The Physiological Society of Japan

Held under the auspices of:

The Japanese Association of Anatomists

The Japanese Pharmacological Society

The Japan Neuroscience Society

The Japanese Society of Physical Fitness and Sports Medicine

Japanese Society of Anti-Aging Medicine

Japanese Society of Pathophysiology

Japan Society for the Study of Obesity

Japan Neuroendocrine Society

The Biophysical Society of Japan

The Japanese Society of Veterinary Science

Japan Society of Neurovegetative Research

and others.



Kobe Convention Center



Registration Fees

Early (～Oct. 31, 2018)

- JPY 25,000 (Regular)
- JPY 30,000 (Industry)
- JPY 15,000 (Graduate student)
- JPY 10,000 (Undergraduate student)
- JPY 10,000 (Accompanying person)

Normal (Nov.1～Dec. 20, 2018)

- JPY 30,000 (Regular)
- JPY 35,000 (Industry)
- JPY 20,000 (Graduate student)
- JPY 10,000 (Undergraduate student)
- JPY 10,000 (Accompanying person)

Late (Dec. 21, 2018～Feb. 28, 2019)

- JPY 35,000 (Regular)
- JPY 40,000 (Industry)
- JPY 25,000 (Graduate student)
- JPY 10,000 (Undergraduate student)
- JPY 10,000 (Accompanying person)

Onsite

- JPY 40,000 (Regular)
- JPY 50,000 (Industry)
- JPY 30,000 (Graduate student)
- JPY 15,000 (Undergraduate student)
- JPY 15,000 (Accompanying person)

Young Scientist Travel Awards are prepared to encourage young investigators to participate in FAOPS2019.

Congress Events by Day

Mar. 28 (Thu), 2019

Opening Ceremony
Plenary Lecture (Linda B. Buck)
Welcome Reception

Mar. 29 (Fri), 2019

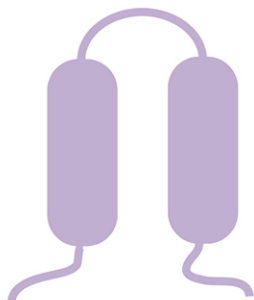
Plenary Lecture (David Julius)
Special Lectures
Symposiums
Technical Workshops
Meet the Lecturers
Luncheon Seminars
Poster Sessions
Exhibition

Mar. 30 (Sat), 2019

Plenary Lecture (Yoshinori Ohsumi)
Special Lectures
Symposiums
PSJ and JSPFSM co-organized Special Talk Session
Nao Kodaira
Technical Workshops
Luncheon Seminars
Poster Sessions
Congress Dinner (Portopia Hotel)
Exhibition

Mar. 31 (Sun), 2019

Special Lectures
Symposiums
Exhibition
Closing Ceremony



Key Speakers

Plenary lectures



Linda B. Buck

Howard Hughes Medical Institute
Division of Basic Science
Fred Hutchinson Cancer Research Center, USA
"Olfaction and Stress"



David Julius

Department of Physiology
University of California, San Francisco, USA
"Natural Products as Probes of the Pain Pathway :
From Physiology to Atomic Structure"



Yoshinori Ohsumi

Frontier Research Center
Tokyo Institute of Technology, Japan
"Looking Back on 30 Years of Autophagy Research :
Dynamic Equilibrium of the Cell"

Special lectures



Laura Bennet

The University of Auckland, New Zealand



Robert G. Carroll

East Carolina University, USA



Julie Y. Chan

Kaohsiung Chang Gung Memorial Hospital, Taiwan
'The Sunao Tawara Memorial Lecture'



Heping (Peace) Cheng

Peking University, China





Hossein Esteky

Shahid Beheshti University of Medical Sciences, Iran



Graham D. Lamb

La Trobe University, Australia



Uhtaek Oh

Korea Institute of Science and Technology, Korea



Yasushi Miyashita

RIKEN Center for Brain Science, Japan

'The Susumu Hagiwara Memorial Lecture'



Hideyuki Okano

Keio University, Japan



Masashi Yanagisawa

University of Tsukuba, Japan

PSJ and JSPFSM (Japanese Society of Physiological Fitness and Sports Medicine) co-organized Special Talk Session

"Towards the Summit with Sport Science"



Guest Speaker: **Nao Kodaira**

(Aizawa Hospital; Gold medal in women's 500m speed skating and silver medal in women's 1000m speed skating at the PyeongChang 2018 Winter Olympic Games; World record holder in women's 1000m speed skating)



Guest Speaker: **Masahiro Yuki**

(Professor, Shinshu University, Sports Sciences Department; National coach of Japan Skating Federation)

Events at a Glance

28 (Thu) - 31 (Sun), March 2019				
	28 (Thu)	29 (Fri)	30 (Sat)	31 (Sun)
AM		Plenary Lecture 2 (D. Julius) Scientific Programs Luncheon Seminars	Plenary Lecture 3 (Y. Ohsumi) Scientific Programs Luncheon Seminars	Scientific Programs Exhibition
PM	Registration Opening Ceremony Plenary Lecture 1 (L.B. Buck)	Scientific Programs Exhibition General Assembly Meet the Lecturers	Scientific Programs Exhibition Special Talk Session (N. Kodaira)	Closing Ceremony
Evening	Welcome Reception		Congress Dinner	

Satellite Events

ADInstruments Teaching Workshop

ADInstruments Teaching Workshop will be held in the same venue as for the Congress, Kobe Conference Center, on March 27-28.

A separate registration (starts on Oct. 1st, 2018) is required.

<http://www.psj-ki.umin.jp/faops2019-tw/index.html#home>

Training Course

NIPS/TB (Thermal Biology) Training Course for young researchers to learn various experimental techniques for physiological science will be held after the Congress (Apr. 1st to 5th) in National Institute for Physiological Sciences in Okazaki, Japan.

Travel from Kobe to Okazaki and lodging are supported.

A separate registration (starts on Sep. 1st, 2018) is required.

http://www.nips.ac.jp/itn_tc/2019/index.html

Local Scientific Program Committee Symposiums

Molecular mechanisms of aging (a joint symposium with Japanese Society of Anti-Aging Medicine)

Inter-tissue communications underlying metabolic and feeding control in living body

Thermal biology : A new world of life science

Teaching physiology : International perspectives

Advances in understanding cerebellar LTD and motor learning :
A research field pioneered by Prof. Masao Ito, the leading co-founder of the FAOPS

Membrane transporters related to diseases and drug development

Primate researches in Asian regions

Cutting-edge research topics on skeletal muscle plasticity
in health and diseases (a joint symposium with JSPFSM)

Cutting-edge optical imaging of neuronal circuits and synapses

Frontiers in pain physiology : from detection to the survival behavior

Toward understanding the neural basis of memory
(a joint symposium with the Japan Neuroscience Society)

Mechanomedicine

International Scientific Program Committee Symposiums

Maternal influences on offspring development (AuPS, Australia)

From synaptic and network plasticity to behavior (CAPS, China)

Gastrointestinal control of energy metabolism (CAPS, China)

Advances in the role of adipocyte in health and disease (CPS, Taiwan)

Gastrointestinal microbiome and immunophysiology (CPS, Taiwan)

Cutting-edge approaches to long-lasting questions and novel aspects of
inward rectifier K⁺ channels (ISPP, Israel)

Leveraging novel techniques to research and translate synaptic
transmission and plasticity (ISPP, Iran)

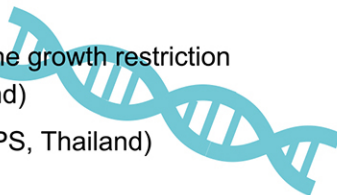
Neurobiology of reward system in the brain (ISPP, Iran)

Mitochondrial physiology and pathophysiology (KPS, Korea)

Physiome for organ function (KPS, Korea)

The consequences of preterm birth, intrauterine growth restriction
and hypoxia-ischemia (PSNZ, New Zealand)

Metabolic syndrome and bone metabolism (TPS, Thailand)



President of FAOPS : Xiao-Min Wang (CAPS, China)

President of PSJ : Yoshinori Marunaka

President of FAOPS2019 : Junichi Nabekura

President of 96th PSJ Meeting : Makoto Tominaga

Vice Presidents of FAOPS2019 :

Fusao Kato ; Treasurer

Noriyuki Koibuchi ; Secretary General

Yasushi Okamura ; Program Chair

International Scientific Program Committee

Chair : Yasushi Okamura (PSJ, Japan)

Members :

Ying-Shing Chan (CAPS, China)

Javad Mirnajafi-Zadeh (ISPP, Iran)

Joanne Davidson (PSNZ, New Zealand)

Rosfaiizah Siran (MSPP, Malaysia)

Yoshihiro Kubo (PSJ, Japan)

Deanne Skelly (AuPS, Australia)

Chae Hum Leem (KPS, Korea)

Linda Chia-Hui Yu (CPS, Taiwan)

Suchinda Malaivijitnond (TPS, Thailand)

Local Scientific Program Committee

Chair : Yasushi Okamura

Vice Chair : Michisuke Yuzaki

Members :

Yoshihiro Ishikawa

Yasuhiko Minokoshi

Yoichi Ueta

Yoshikatsu Kanai

Shohei Mitani

Hiroaki Wake

Masanobu Kano

Kei Nagashima

Hidefumi Waki

Yasuo Kawaguchi

Hideki Sakai

Mieko Kurosawa

Masato Shibuya

Local Organizing Committee

Junichi Nabekura

Yoshihiro Kubo

Yo Shinoda

Yoshihiro Ishikawa

Shohei Mitani

Makoto Tominaga

Atsuo Fukuda

Motohiro Nishida

Yoichi Ueta

Fusao Kato

Yasushi Okamura

Hiroaki Wake

Noriyuki Koibuchi

Mariko Omatsu-Kanbe

Michisuke Yuzaki

Visiting Kobe... (<http://plus.feel-kobe.jp/>)



Kobe is the sixth-largest city in Japan and the capital city of Hyōgo Prefecture. Being one of the cities that opened for trading with occidental countries in 1853 after more than 200-years seclusion policy of Edo government. Kobe has been known as a cosmopolitan port city where the

international culture, commerce, economy, industry and science meet. The port island, where the convention center is located, is an artificial island created in 1981 under the project of Waterfront in the 21st Century.



Kazamidori-no-Yakata

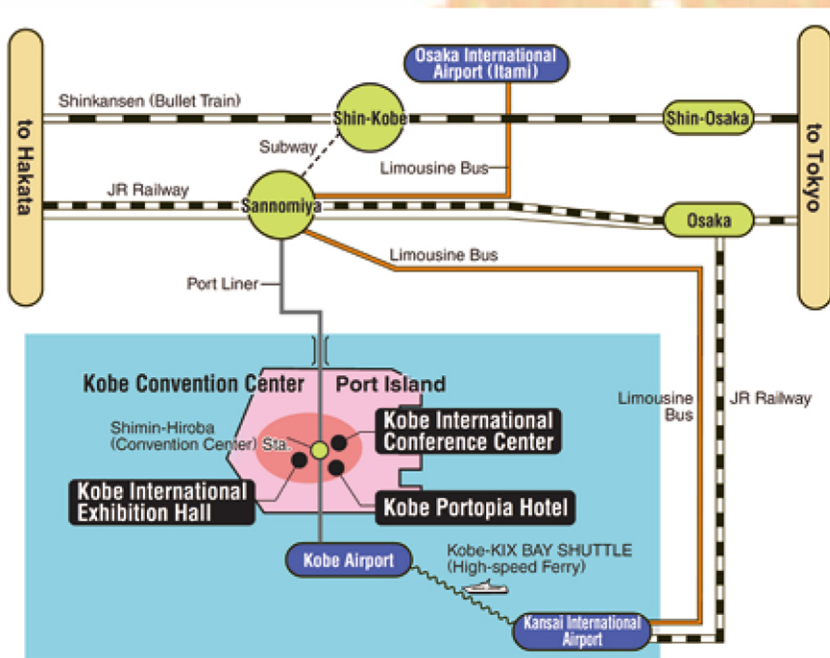


Caffera



Cherry blossoms

Access to Kobe Convention Center





March 28-31, 2019

Kobe Convention Center

JAPAN



Secretary Office : Japan Convention Service, Inc.

E-mail : faops2019@convention.co.jp

Congress Website : <http://www.nips.ac.jp/FAOPS2019/>

Facebook : <https://www.facebook.com/faops2019/>

Twitter : https://twitter.com/FAOPS2019_KOBE