

The 10th Federation of the Asian and Oceanian Physiological Societies Congress



FAOPS CONGRESS 2023

November 1-4, 2023
EXCO, Daegu, Korea

In conjunction with The 75th Annual Meetings of
the Korean Physiological Society

New Physiology for the New Normal

KEY DATES

Abstract Submission
Early-bird Registration
Young Scientist Travel Awards Submission

Feb 1st - Apr 30th, 2023

Donghwasa, Daegu

Hosted by



The Korean
Physiological Society

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Plenary Lecturers



Ronald Evans
Salk Institute, USA



Lucio Ildebrando Cocco
University of Bologna, Italy



Hee-Sup Shin
Center for Cognition and Sociality, IBS, Korea

Special Lectures

» **Walter Boron**

Washington University, USA

» **Uhtaek Oh**

KIST, Korea

» **Mario Delmar**

NYU School of Medicine, USA

» **David Paterson**

Oxford University, United Kingdom

» **Nabekura Junichi**

National Institute for Physiological Sciences, Japan

» **Edward Schuchman**

Mount Sinai Medical Center, USA

» **Gou Young Koh**

Center for Vascular Research, IBS, Korea

» **Sean Tsai**

National Cheng Kung University, Taiwan

» **Robyn Murphy**

La Trobe University, Australia

» **Tian Xue**

University of Science & Technology of China (USTC), China

FAOPS 2023 List of Academic Sessions

FAOPS 2023 Program at a Glance

This program is subjected to be changed.

Day 1 (November 1)

KST (Korea Standard Time)	Room A	Room B	Room C	Room D	Room E	Room F
09:00						
10:00		FAOPS Teaching Workshop				
11:00						
12:00						
13:00						
14:00	Opening Ceremony					
	Plenary Lecture 1					
15:00	Break					
16:00	Behaviors and circuits of model animals	Taste senses	Computational physiology of ion channels	Woman in cardiovascular sciences	New horizons in the therapeutic approaches in NAFLD, NASH and HCC	Concepts of nutraceuticals-induced autophagy for longevity
17:00						
18:00	Welcome Reception					
19:00						
19:30						

■ Clinical Science
■ Basic Science

Day 2 (November 2)								
KST Korea Standard Time	Room A	Room B	Room C	Room D	Room E	Room F	Room G	
09:00	Anatomy and physiology of neural circuits	RNA modifications in the brain	Molecular mechanisms of ion channels in health and disease	New horizon of cardiovascular sciences	Mitochondria and stress	Physiological basis of human aging: Implication of lifestyle factors	Poster Viewing & Exhibition	
10:00								
11:00	Special Lecture 1	Special Lecture 2	Special Lecture 3	Break				
12:00	Luncheon Seminar							
13:00	Break							
14:00	Structure, function, and regulation of ion channels in the nervous system	Amyotrophic lateral sclerosis-1	Structure and function of ion channels	Mechanism and new therapeutic strategy for cardiac arrhythmias	New physiological insights into how muscle contraction creates new normal mitochondria	Collaborative approach of basic-clinical teachers in teaching; panel discussion		
15:00	Break							
16:00	Special Lecture 4	Special Lecture 5	Special Lecture 6	Break				
17:00	Neuro-glia-vascular interaction	Amyotrophic lateral sclerosis-2	Vascular inflammation	Cellular senescence in metabolic diseases: a therapeutic target	Controlling the tumor microenvironment	New technology in physiology teaching; with panel discussion		
18:30								
Day 3 (November 3)								
KST Korea Standard Time	Room A	Room B	Room C	Room D	Room E	Room F	Room G	
09:00	Plenary Lecture 2							Poster Viewing & Exhibition
10:00	Break							
11:00	Pathophysiology of trigeminal somatosensory system	Novel treatment development for rare genetic disease	Upgrading treatment strategies of cardiovascular diseases using biotechnology	Metabolism	Cancer metabolism	Cutting-edge microscopy imaging technology in physiology research		
12:00	Luncheon Seminar							
13:00	Break							
14:00	Physiological functions of glial cell for brain functions	New insight on the role of neuroplasticity: Strategy in management of neurodegenerative diseases	Stem cell-based disease modeling and cell therapy	Metabolic inflammation	Stepping up to the precision medicine in cancer	Beyond the pandemic: evaluating and aiding the development of students' skills in laboratory classes		
15:00	Break							
16:00	Special Lecture 7	Special Lecture 8	Break					
17:00	Pathophysiology of brain diseases: preclinical mouse model studies	Therapeutic effects of deep brain stimulation in brain disorders: New findings	Regulations of signaling pathways in energy metabolism and stress.	Symbiosis and dysbiosis of microbiota in relation to human health (Microbiome)	Molecular mechanism of membrane transport and protein secretion in epithelia	Occupational health issues among workers of informal sectors: A physiological perspective		
18:00								
19:00	Presidential Dinner							
20:00								
Day 4 (November 4)								
KST Korea Standard Time	Room A	Room B	Room C	Room D	Room E	Room F	Room G	
09:00	Plenary Lecture 3							Poster Viewing & Exhibition
10:00	Break							
11:00	Glia physiology in brain function and diseases	Academic journals in physiology	Novel mechanism and therapeutic strategy of cardiometabolic disease	Metabolism	Recent achievement in the excitation-contraction coupling of skeletal muscle	Data Science		
12:00	Luncheon Seminar							
13:00	Break							
14:00	A new vista of physiological mechanisms of chronic pain	Adaptation to exercise training in health and disease	Biomedical engineering	Toward finding therapeutic interventions: New avenues for understanding vascular pathophysiology.	Stem cells	Serial EM section analysis sheds light on brain microcircuit structure and function		
15:00	Break							
16:00	Special Lecture 9	Special Lecture 10	Break					
17:00	CIPA session	Personalized cancer medicine	The vagus nerve: normal physiological control and role in pathophysiology	TBA	TBA	TBA		
18:00								
19:00	Closing Ceremony & Congress Dinner							
20:00								



CONTACT

**FAOPS 2023
Secretariat**

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