



6th International Congress of Pathophysiology



ISP

September 22 to 25, 2010 Montréal, Canada

The organization of the 6th International ISP Congress and 14th International SHR Symposium in Montréal is moving ahead successfully. With our partners we continue working to ensure the highest caliber meeting for all participants.

The meeting site, Palais des Congrès/Montréal Convention Centre, is readying itself to receive all delegates. This exceptional, modern venue is located in the heart of downtown Montréal, connecting the city's business centre, international district, arts and entertainment quarter, Chinatown and the unforgettable Old Montréal. With an abundance of natural light, generous meeting rooms, an easily traversable layout and exceptional accessibility, the Palais des Congrès is an ideal setting for our event.

We look forward to greeting you in September for an invaluable scientific exchange and a delightful visit to our city.

Pavel Hamet



Pavel Hamet
OQ, MD, PhD, FRCPC, FAHA, FRSM, FCAHS
President of the
6th International Congress of Pathophysiology
and of the 14th International SHR Symposium

SEPTEMBER 21

14:00-18:00
Registration Opens

SEPTEMBER 22

8:30-9:15
ISP Opening Ceremony

9:15-10:15
Plenary Session 1
Overview of gene environment interaction
in health and disease

10:15-10:45
Coffee Break and opening of exhibits

10:45-12:30 | Symposium 1
Pathophysiological pathways:
Gastrointestinal and lung diseases

10:45-12:30 | Workshop 1
Impact of environmental exposures on the
reproductive system

10:45-12:30 | Workshop 2
Impact of environmental exposure on public health

12:30-14:00
Lunch - Exhibit

12:30-14:00
Poster Session A
Gastrointestinal and
respiratory systems,
and environmental
factors

14:00-15:00
Plenary Session 2
Pharmacogenomics in drug discovery

15:00-16:45 | Symposium 2
Pathophysiological pathways: Metabolism and Cancer

15:00-16:45 | Symposium 3
Novel pathophysiological approaches and tools:
'Omics' tools including genomics, transcriptomics,
proteomics and pharmacogenomics

15:00-16:45 | Workshop 3
Pathophysiological Mechanism Relating to
Unspecific Back Pain – an Update

16:45-17:15 | Coffee break

16:45-18:00
Poster Session B
Cancer, ageing, cellular and systems biology

18:00
Welcome Reception in Exhibit Area

SEPTEMBER 23

7:00-8:30 | Educational breakfast
workshop

8:00-9:30 | Symposium 4
Pathophysiological pathways:
Neurodegenerative disease and pain

8:00-9:30 | Symposium 5
Pathophysiological pathways: Inflammation,
infection and immune system diseases

8:00-9:30 | Workshop 4
Purinergic signaling in health and disease

9:30-10:00 | Coffee break

10:00-11:00
Plenary Session 3
Systems Biology

11:00-13:00 | Symposium 6
Pathophysiological pathways: Ageing

11:00-13:00 | Symposium 7
Novel Diabetic Therapeutic pathways

11:00-13:00 | Workshop 5
Dietary salt, cardiotonic steroids, hypertension
and renal disease

13:00-14:30
Lunch - Exhibit

13:00-14:30
Poster Session C
Nervous, metabolic and
immune systems

14:30-16:30 | Symposium 8
Biomarkers and drug targets in cardiovascular
diseases

14:30-16:30 | Workshop 6
Cell volume regulation

14:30-16:30 | Workshop 7
Epithelial/Mesenchymal Transition /organ
fibrosis and the myofibroblast

16:30-17:00 | Coffee break

17:00-18:00
Opening of SHR Satellite Symposium

17:00-18:00
Plenary Session 4
International Okamoto Awards Lectures

18:00-18:45
ISP Business Meeting

19:30
Joint Gala Evening ISP & SHR
Okamoto Award Ceremony

SEPTEMBER 24

8:30-10:30 | Workshop 8
Dysfunction of glial cells in neuronal
pathologies

8:30-10:30 | Symposium 9
Novel animal models and genetic modification
techniques in the rat

8:30-10:30 | Symposium 10
Novel pathophysiological approaches and
tools: From genes to Systems biology and
signal transduction

10:30-11:00 | Coffee break

11:00-12:00
Plenary Session 5
Diseaseome

12:00-14:00
Lunch Symposium sponsored
by Novartis Japan
"New approach to BP management"

14:00-15:45 | Symposium 11
Genetics and Metabonomics of cardiometabolic
diseases

14:00-15:45 | Symposium 12
Therapeutic targets

14:00-15:45 | Symposium 13
Novel pathophysiological approaches and tools:
Gene-environment interactions including
genomics, epigenomics and environmental
exposure

15:45-16:15 | Coffee break

15:45-18:00
Poster Session D
Cardiovascular,
hypertension and
animal models

19:30
President's Dinner (TBC)

SEPTEMBER 25

8:30-11:30 | Symposium 14
Genome technologies and use of rat networks to
understand human diseases

8:30-11:30 | Symposium 15
Regenerative Medicine of cardiovascular diseases

11:30-13:30
Lunch Symposium sponsored
by Pfizer Japan
"Aldosterone and Hypertension"

13:30-14:00 | Closing Ceremony