

Number, Supporting societies	Symposium Titles Presentation titles		Chairpersons/Speakers	COUNTRY
<b>Commission II Circulation &amp; Respiration</b>				
PSJ-II-1  Meeting of discussion on the respiratory control	<b>Visualization of respiratory neuron activity</b>	Chairperson1	Ikuo Homma	Japan
		Chairperson2	Hiroshi Onimaru	Japan
		Chairperson3	Klaus Ballanyi	Canada
	NETWORK MECHANISMS OF RESPIRATORY RHYTHM GENERATION IN	1	Hiroshi Onimaru	Japan
	NEURONAL MECHANISMS OF RESPIRATORY MODULATION	2	Akiko Arata	Japan
	ADVANCES IN ANALYSES OF SPATIOTEMPORAL RESPIRATORY NETWORK ACTIVITIES USING VOLTAGE-SENSITIVE DYES	3	Yoshitaka Oku	Japan
	MULTIPHOTON LOOK AT THE ISOLATED NEWBORN RAT INSPIRATORY PRE- BOTZINGER COMPLEX	4	Klaus Ballanyi	Canada
Degeneracy as a substrate for respiratory regulation	5	Nicholas M Mellen	USA	
RESPIRATORY RHYTHM GENERATION IN THE MOUSE EMBRYO : COMMISSURAL CONNECTIVITY IN THE PRE-BOTZINGER COMPLEX	6	Gilles Fortin	France	
PSJ-II-7  Global COE joint symposium of MEI center (Osaka University) "In Silico Medicine", Tohoku University "nanoBME" and Keio University "GCOE-HMSB"	<b>Systems Approach to Biology and Biomechanics of Microcirculation</b>	Chairperson1	Makoto Suematsu	Japan
		Chairperson2	Takami Yamaguchi	Japan
	MULTISCALE MODELING OF MICROCIRCULATORY EXCHANGE PROCESSES	1	James B Bassingthwaighte	USA
	Multi-scale Modeling of Blood Flow for the Analysis of Red Blood Cell Behaviors in a Micro-Circulation	2	Masanori Nakamura	Japan
	MOLECULAR MECHANISTIC INSIGHTS INTO THE ADHESION OF MALARIA INFECTED ERYTHROCYTES WITH ENDOTHELIUM IN CIRCULATION	3	Chwee Teck Lim	Singapore
	Computational biomechanics of malaria and arterial diseases	4	Takuji Ishikawa	Japan
	REGULATION OF CEREBRAL VASCULAR TONE BY GASEOUS MEDIATORS; INTERACTIONS OF MULTIPLE GAS-TRANSDUCING SYSTEMS	5	Mayumi Kajimura	Japan
	MULTI-LEVEL SYSTEMS APPROACH TO ANP DEPENDENT REGULATION OF VASCULAR PERMEABILITY AND PLASMA VOLUME IN MICE	6	Fitzroy Edward Curry	USA
<b>Commission IV Neurobiology</b>				
PSJ-IV-2  Ajinomoto Co., Inc.	<b>Physiology of gut nutrient preception</b>	Chairperson1	Kunio Torii	Japan
		Chairperson2	Yvette Tache	USA
	ROLE OF GUSTDUCIN, TASTE RECEPTORS AND TRANSIENT RECEPTOR POTENTIAL CHANNEL M5 IN GUT	1	Robert F Margolskee	USA
	Roles of vesicular neurotransmitter transporters in the metabolic regulation	2	Yoshinori Moriyama	Japan
	Using the intestinal lymph fistula model to study the regulation of secretion of incretins by macronutrients.	3	Patrick Tso	USA
	Free dietary glutamate potentiates gastric secretion in dogs.	4	Vasilij A. Zolotarev	Russia
	Role of gut peptides in satiation	5	Yvette Tache	USA
	AXIS	6	Kunio Torii	Japan

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<b>Commission V Secretion &amp; Absorption</b>				
PSJ-V-3  The Japan Society of Smooth Muscle Research	<b>Ubiquitous pacemaker cells</b>	Chairperson1	Miyako Takaki	Japan
		Chairperson2	Hikaru Suzuki	Japan
		Chairperson3	Susan Wray	UK
	Calcium and electric activities in gut pacemaker cells	1	Shinsuke Nakayama	Japan
	Mechanism of initiation of calcium waves in isolated urethral pacemaker cells of the	2	Noel McHale	Ireland
	EXCITABILITY, PACEMAKING AND CALCIUM SIGNALS IN UTERINE CELLS	3	susan wray	UK
	Voltage-dependent sensor that coordinates pacemaker activity in coupled networks of interstitial cells of Cajal	4	Kenton M. Sanders	USA
Pharmacological action on gut motor activity through interstitial cells of Cajal.	5	Jan D Huizinga	Canada	
SPONTANEOUS ACTIVITY IN GUT-LIKE ORGAN FORMED FROM ES CELLS	6	Miyako Takaki	Japan	
<b>Commission VI Molecular &amp; Cellular Biology</b>				
PSJ-VI-4  The Biophysical Society of Japan	<b>Single molecules physiology of channel and motor proteins: structure-function and cellular integration</b>	Chairperson1	Masahiro Sokabe	Japan
		Chairperson2	James Spudich	USA
	SINGLE MOLECULE ANALYSIS AND THE MYOSIN FAMILY OF MOLECULAR	1	James A. Spudich	USA
	Single Molecule Imaging and Nano-Biotechnology	2	Toshio Yanagida	Japan
	Single molecule analyses on the gating of a mechanosensitive ion channel: experiments and molecular simulations	3	Masahiro Sokabe	Japan
	Real time monitoring of structural changes in K-channel gating. MECHANISMS OF ACETYLCHOLINE RECEPTOR GATING	4	Shigetoshi Oiki	Japan
	5	Anthony Auerbach	USA	
PSJ-VI-5  Grant-in-aid for Scientific Research on Priority Area "G protein Signaling"	<b>Recent progress on G-protein signalings</b>	Chairperson1	Toshiaki Katada	Japan
		Chairperson2	Johannes L. Bos	Netherlands
	Regulation of cAMP signal by G proteins: a new pathway after three decades	1	Yoshihiro Ishikawa	Japan
	MECHANISMS FOR INHIBITION OF GBETA/GAMMA SIGNALING BY PROTEINS, PEPTIDES AND SMALL MOLECULES	2	Alan Victor Smrcka	USA
	The Arf-like GTPase Arl8 is required for lysosome biogenesis in C. elegans	3	Toshiaki Katada	Japan
	Regulation of PIP5K isozymes by ARF6	4	Yasunori Kanaho	Japan
	G PROTEINS IN ENDOSOMAL TRAFFICKING PATHWAYS THE REGULATION AND FUNCTION OF EPAC PROTEINS	5	Julie G. Donaldson	USA
	6	Johannes L. Bos	Netherlands	
<b>Commission VII Comparative Physiology: Evolution, Adaptation &amp; Environment</b>				
PSJ-VII-6  Japanese Society of Biometerology	<b>Fever: essential questions for the next decade</b>	Chairperson1	Kiyoshi Matsumura	Japan
		Chairperson2	Andrej Romanovsky	USA
	Whether and how does blood-borne prostaglandin contribute to fever?	1	Andrej A. Romanovsky	USA
	HOW IS THE ARACHIDONIC ACID CASCADE REGULATED IN THE BRAIN DURING FEVER?	2	Kiyoshi Matsumura	Japan
	What are the roles of the different prostaglandin E2 receptors in fever?	3	Clifford B Saper	USA
	DIFFERENTIAL CONTROL OF THERMAL EFFECTOR PATHWAYS CONTRIBUTING TO FEVER	4	Kazuhiro Nakamura	USA
How are fever and sickness behavior differentially controlled?	5	Marta Balasko	Hungary	