

IUPS2009 (Kyoto) Whole Congress Schedule

	2009.7.28 TUE				2009.7.29 WED				2009.7.30 THU				2009.7.31 FRI				2009.8.1 SAT			
	8:50-9:50	10:00-12:30	14:00-16:30	17:00 -	8:50-9:50	10:00-12:30	14:00-16:30	17:00 -	8:50-9:50	10:00-12:30	14:00-16:30	17:00 -	8:50-9:50	10:00-12:30	14:00-16:30	17:00 -	8:50-9:50	10:00-12:30	14:00-16:30	17:00 -
	Welcome Reception (free of charge) after lecture on the Venue garden 18:30 -				Exhibition of Asian culture after congress lecture in Room A 18:30 -								Congress dinner after lecture (fee: 7,000 Yen)				Closing ceremony in Room A 17:30 -			
Main Hall	Denis Noble	WD-IX-15	WD-IX-15	Wallace Fenn Lecture	Kyoto memorial Lecture	WD-IX-16	WD-IX-16	Congress Lecture												
Room A	Mu-Ming Poo	RS IV-15	RS LB-51		President's Lecture	WD-IV-7	WD-IV-7	Exhibition 18:30 ~	Joseph S. Takahashi	WD-VII-10	WD-VII-10	Shigetada Nakanishi	Fernando Nottebohm	WD-VIII-14	WD-VIII-14	Masatoshi Takeichi	Michel Lazdunski	WD-VII-11	WD-VII-11	Closing ceremony
Room B-1		WD-VIII-13	WD-VIII-13		Clara Franzini-Armstrong	WD-I-1	WD-I-1		Yoshinori Fujiyoshi	WD-V-9	WD-V-9		Jeffrey M. Friedman	WD-II-5	WD-II-5		Ernest Knobil Lecture	WD-III-6	WD-III-6	
Room B-2	Stefan Bröer	RS V-26	RS V-29			PSJ V-3	RS II-5			RS V-28	RS VIII-42	Nadia Rosenthal		WD-II-4	WD-II-4			WD-IV-8	WD-IV-8	
Room C-1		PSJ II-1	RS II-10			RS V-22	RS V-23			RS II-8	RS VI-31			WD-I-2	WD-I-2			RS N-54	RS IV-16	
Room C-2		PSJ VI-4	RS II-7			RS IV-19	RS VI-37			RS VI-35	RS LB-52			RS V-30	RS IV-14			RS A-49	RS VI-36	
Room D	Frances M. Ashcroft	RS A-50	RS IV-20		Kenji Kangawa	RS IV-17	PSJ IV-2		TP Feng Lecture	RS IV-21	RS N-53		Robert Pitts Lecture	RS VI-33	RS A-48	Ramón Latorre	Knut Schmidt-Nielsen Lecture	WD-VII-12	WD-VII-12	
Room E	Atsushi Miyawaki	PSJ VI-5	RS VI-38		Hagiwara Lecture	RS IV-18	RS A-47		Tawara Lecture	WD-II-3	WD-II-3		Lily Y. Jan	RS VI-32	RS VI-34		August Krogh Lecture	RS II-6	RS V-27	
Room F		RS V-25	RS V-24			WD-KOJACH-17	WD-KOJACH-17			RS I-2	RS II-9			RS III-11	RS VII-40			WS-2	TU-2	
Room G		RS I-1	RS I-3			TU-3	WS-3			RS III-12	RS I-4			WS-4	WS-1			RS III-13	WS-5	
Room H		PSJ VII-6	RS VII-39			RS Ph-45	TU-1			RS Ed-43	Ed-Poster	RS G-55		RS Ed-44	Ed-Poster	RS VII-41		RS Et-46		
Annex																				Lectures for citizens

Notes

1. Opening ceremony is scheduled from 14 PM on July 27 (Mon) in the Main hall.
2. Regular Symposia and Workshops which will pick up presentation(s) from general abstracts are colored in yellow.

2009.7.28 TUE

Rm # and capacity		2009.7.28 TUE				
		8:50-9:50	10:00-12:30		14:00-16:30	17:00
Welcome Reception (free of charge) after lecture on the Venue garden 18:30 -						
Main Hall	1,840	Denis Noble Principles of systems biology and the future of physiology	WD-IX-15 -1 Challenging roles of Physiome, VPH and in silico Human in medicine. Kajiya & Hisada & Hunter & Viceconti & Kurachi		WD-IX-15 -2 Challenging roles of Physiome, VPH and in silico Human in medicine. Kajiya & Hisada & Hunter & Viceconti & Kurachi	Wallace Fenn Lecture : Erwin Neher Biophysical dissection of neurotransmitter release
Room A	360-550	Mu-Ming Poo Spike timing dependent plasticity of neural circuits	RS IV-15 Purinergic signaling in the neuron and non-neuron communication. Inoue & Kato		RS LB-51 (IUPHAR Joint symposium) Contransmission and Presynaptic Receptors. Langer & Burnstock	
Room B-1	160-210		WD-VIII-13-1 From genome to systems biology. Tsujimoto & Takeshima		WD-VIII-13-2 From genome to systems biology. Tsujimoto & Takeshima	
Room B-2	110-160	Stefan Bröer Inherited disorders of neutral amino acid transport	RS V-26 Epithelial amino acid and peptide transport - man models and molecules. Broer & Wagner		RS V-29 Nutrient sensing and signalling in response to a meal. Shirazi-Beechey & Alpers	
Room C-1	100-120		PSJ II-1 Visualization of respiratory neuron activity. Homma & Onimaru & Ballanyi		RS II-10 Chemical Control of Breathing : Molecular and systemic Mechanisms and Effects. Gonzalez & Kuwaki	
Room C-2	100-120		PSJ VI-4 Single molecules physiology of channel and motor proteins: Structure-function and cellular integration. Sokabe & Spudich		RS II-7 Cross bridge cycle kinetics. Saeki & de Tombe	
Room D	220-250	Frances M. Ashcroft ATP-sensitive potassium channels and diabetes: from molecule to malady	RS A-50 Potassium channels, from regulation to physiology. Lesage & Shieh		RS IV-20 Voltage-gated Ion channels and Synaptic Plasticity. Forsythe & Takahashi	
Room E	230-300	Atsushi Miyawaki New fluorescent probes and new perspectives in bioscience	PSJ VI-5 Recent progress on G-protein signalings. Katada & Bos		RS VI-38 Mapping of signaling Networks. Konnerth & Mogami	
Room F	60-90		RS V-25 Exocrine ion transport in health and disease. Gray & Murakami		RS V-24 Physiology and pathophysiology of K ⁺ balance : A View from the GI tract and kidney. Leipziger & Welling	
Room G	60-90		RS I-1 Physiological relevance of lactate. Brooks & Hashimoto		RS I-3 Energy sensing metabolic signaling in skeletal muscle. Richter & Hardie	
Room H	60-90		PSJ VII-6 Fever: essential questions for the next decade. Matsumura & Romanovsky & Kanosue		RS VII-39 Molecular Basis of Cardiovascular adaptation to cold temperatures. Sun & Blatteis	
Annex						

Rm # and capacity		2009.7.29 WED				
		8:50-9:50	10:00-12:30		14:00-16:30	17:00 -
Exhibition of Asian culture after congress lecture in Room A 18:30 -						
Main Hall	1,840	Kyoto memorial Lecture: Susumu Tonegawa Hippocampal circuits for episodic and spatial memories	WD-IX-16-1 Multidisciplinary approaches to basal ganglia functions. Isa & Tanji & Takada		WD-IX-16-2 Multidisciplinary approaches to basal ganglia functions. Isa & Tanji & Takada	Congress Lecture Masao Ito Toward complex biological functions - a view from cerebellar physiology
Room A	360-550	President's Lecture: Akimichi Kaneko Neural mechanism of lateral inhibition in vision: proton-mediated feedback from horizontal cells to cones in the retina.	WD-IV-7-1 Processing and integration of sensory information. Kaneda & Ohmori & Kaba & Carr		WD-IV-7-2 Processing and integration of sensory information. Kaneda & Ohmori & Kaba & Carr	Exhibition (18:30 -)
Room B-1	160-210	Clara Franzini-Armstrong The macromolecular complex of calcium release units in cardiac and skeletal muscle: structure function correlations	WD-I-1-1 (Ebashi & Natori Memorial Sympo) Muscle excitation-contraction coupling and its disorders. Konishi & Kurihara & Baylor & Takeda		WD-I-1-1 (Ebashi & Natori Memorial Sympo) Muscle excitation-contraction coupling and its disorders. Konishi & Kurihara & Baylor & Takeda	
Room B-2	110-160		PSJ V-3 Ubiquitous pace maker cells. Takaki & Suzuki & Wray		RS II-5 Regulation of Vascular function by ion channels. Imaizumi & Yuan	
Room C-1	100-120		RS V-22 Parietal Cell Biology : New Aspects on secretion protein trafficking differentiation and survival. Chew & Forte		RS V-23 Molecular basis of pancreatitis. Schulz & Petersen	
Room C-2	100-120		RS IV-19 Mechanisms of dendritic signaling. Kubota & Schiller		RS VI-37 Molecular and functional aspects of membrane transporters and pumps. Dipolo & Gadsby	
Room D	220-250	Kenji Kangawa Ghrelin: Discovery and physiological significance.	RS IV-17 The orexin system - central and peripheral functions Sakurai & Herzig		PSJ IV-2 (Ajinomoto sponsored symposium) Physiology of gut nutrient preception. Torii & Tache	
Room E	230-300	Hagiwara Lecture: Albert J. Hudspeth Making an effort to listen: mechanical amplification by myosin molecules and ion channels in hair cells of the inner ear.	RS IV-18 The hair cell as a sensory receptor and amplifier for audition and balance: from its function to patho-physiological relevance. Martin & Heller		RS A-47 Functional human imaging. Fukuyama & Sadato	
Room F	60-90		WD-KOJACH-17-1 Physiological Basis of Acupuncture Effects. Min & Hisamitsu & Kurosawa & Li		WD-KOJACH-17-2 Physiological Basis of Acupuncture Effects. Min & Hisamitsu & Kurosawa & Li	
Room G	60-90		TU-3 Bioinformatics for Physiology. Nakamura & Nakai		WS-3 Bio-logging workshop: physiological and biomechanical measurements on wild animals in nature. Sato & Arai	
Room H	60-90		RS Ph-45 Infrastructure for computational physiology. Hunter & Bassingthweighte		TU-1 Physiome/VPH projects tools. Hunter & Nielsen	
Annex						

Rm # and capacity		2009.7.30 THU				
		8:50-9:50	10:00-12:30		14:00-16:30	17:00
Main Hall	1,840					
Room A	360-550	Joseph S. Takahashi Genetic Analysis of Circadian Clocks in Mammals	WD-VII-10-1 Temporal organization of physiology and behavior. Homma & Schwartz		WD-VII-10-2 Temporal organization of physiology and behavior. Homma & Schwartz	Shigetada Nakanishi The neural network: integration and regulation of synaptic transmission
Room B-1	160-210	Yoshinori Fujiyoshi Structural physiology of multifunctional channels	WD-V-9-1 Epithelial transport: bridges between molecules and function. Kanai & Petersen & Sasaki		WD-V-9-2 Epithelial transport: bridges between molecules and function. Kanai & Petersen & Sasaki	
Room B-2	110-160		RS V-28 Tight junctions in epithelial permeability and function. Yu & Tsukita		RS VIII-42 Regenerating the endocrine pancreas: from stem cells to physiological function. Cosgrove & Dunne	Nadia Rosenthal Enhancing mammalian regeneration
Room C-1	100-120		RS II-8 Pacemaker mechanism. Eisner & Noble		RS VI-31 Voltage gated calcium channels and cellular excitability - regulation and pathophysiology. Zamponi & Snutch	
Room C-2	100-120		RS VI-35 Cell Volume regulation and cell survival. Lang & Hoffmann		RS LB-52	
Room D	220-250	TP Feng Lecture: Sten Grillner The Computational Logic of networks in Motion - from ion channels to behaviour	RS IV-21 Stereopsis : computation and neural correlates of conscious perception. Parker & Fujita		RS N-53 Perspective of Decision Neuroscience : beyond the Biological Approach of Brain Science. Kitazawa & Lee	
Room E	230-300	Tawara Lecture: Yoram Rudy Cardiac Excitation and Arrhythmias in the Human Heart: Insights from Noninvasive ECG Imaging (ECGI)	WD- II-3-1 (Irisawa Memorial Symposium) Arrhythmias and muscle contraction. Kodama & Takeda & Rudy & Eisner		WD- II-3-2 (Irisawa Memorial Symposium) Arrhythmias and muscle contraction. Kodama & Takeda & Rudy & Eisner	
Room F	60-90		RS I-2 Challenges in the regulation of Multi-scale Biomechanical Systems. Elson & Wakatsuki		RS II-9 Electro-mechanical Coupling in Normal and Diseased Heart. Kohl & Sarvazyan	
Room G	60-90		RS III-12 Insulin Resistance through the Life Course. Ozanne & Poston		RS I-4 Neuromuscular plasticity with use and disuse. Narici & Rennie	
Room H	60-90		RS Ed-43 Energizing the physiology classroom and the physiology curriculum Kibble & Rocha	Education poster discussion	RS G-55 Women in Physiology. Kimura & Suzuki	
Annex						

Rm # and capacity		2009.7.31 FRI				
		8:50-9:50	10:00-12:30		14:00-16:30	17:00
		Congress dinner after lecture				
Main Hall	1,840					
Room A	360-550	Fernando Nottebohm Neuronal Replacement in Adult Brain	WD-VIII-14-1 Developmental biology: from evolution to regenerative medicine. Okano		WD-VIII-14-2 Developmental biology: from evolution to regenerative medicine. Okano	Masatoshi Takeichi Cadherin and catenins in neural morphogenesis and wiring
Room B-1	160-210	Jeffrey M. Friedman Leptin and the Homeostatic Control of Body Weight	WD-II-5-1 Microvascular systems and metabolism. Ohhashi & Suematsu		WD-II-5-2 Microvascular systems and metabolism. Ohhashi & Suematsu	
Room B-2	110-160		WD-II-4-1 (Goto Memorial Symposium) Physiology and pathophysiology of cardiac excitation and contractility. Kurihara & Solaro & Takeda		WD-II-4-2 (Goto Memorial Symposium) Physiology and pathophysiology of cardiac excitation and contractility. Kurihara & Solaro & Takeda	
Room C-1	100-120		WD-I-2-1 (J Physiol Symposium) Physiological regulation linked with physical activity and health. Nose & Joyner		WD-I-2-2 (J Physiol Symposium) Physiological regulation linked with physical activity and health. Nose & Joyner	
Room C-2	100-120		RS V-30 Physiology, Cell Biology and Pharmacology of Epithelial Chloride Channels.		RS IV-14 Modulation of brain development by paracrine activation of Cl ⁻ conductances. Fukuda & Luhman	
Room D	220-250	Robert Pitts lecture: René Bindels A TR(i)P through epithelial calcium and magnesium channels	RS VI-33 Molecular physiology of receptor - activated and store - operated calcium influx.		RS A-48 TRPML channels in intracellular organelle function. So & Muallem	Ramón Latorre Transplantable Sites Confer Temperature and PIP2 Sensitivity to Thermo Transient Receptor Potential
Room E	230-300	Lily Y. Jan Potassium channel function and regulation	RS VI-32 (J Physiol symposium) Dynamic aspects of functioning membrane proteins. Kubo & Isacoff		RS VI-34 Current advances in G protein and lipid modulation of ion channels. Slesinger & Shapiro	
Room F	60-90		RS III-11 Epigenetic and Developmental origins of cardiovascular and metabolic health and disease. Fowden & Thornburg		RS VII-40 Phylogenetic Approaches in Vertebrate Comparative Physiology. Garland & Altshuler	
Room G	60-90		WS-4 Structure biology Fujiyoshi & Wang		WS-1 Connecting Brains and Machines: New approaches for BCI, BMI and BNI. Yagi & Kawato	
Room H	60-90		RS Ed-44 Sharing expertise through national, international and virtual education communities. Carroll & Surjadhana	Education poster discussion	RS VII-41 Gravitational physiology: Evolution of Gravity Sensing Mechanisms. A Comparative View. Norsk & Fuller	
Annex						

Rm # and capacity		2009.8.1 SAT				
		8:50-9:50	10:00-12:30		14:00-16:30	17:00
		Closing ceremony in Room A 17:30 ~				
Main Hall	1,840					
Room A	360-550	Michel Lazdunski Sensing with ionic channels	WD-VII-11-1 Cell sensors: their sensing mechanisms and physiological significance. Ueta & Nillius & Okada & Tominaga & Zuker		WD-VII-11-2 Cell sensors: their sensing mechanisms and physiological significance. Ueta & Nillius & Okada & Tominaga & Zuker	Closing ceremony
Room B-1	160-210	Ernest Knobil Lecture: Bruce S. McEwen Sex and Stress Hormone Actions Above the Hypothalamus.	WD-III-6-1 Systems biology of hypothalamic gonadotropin releasing hormone(GnRH) Sakuma & Kelly & Pittman		WD-III-6-2 Systems biology of hypothalamic gonadotropin releasing hormone(GnRH) Sakuma & Kelly & Pittman	
Room B-2	110-160		WD-IV-8-1 Comprehensive approaches to pain - from molecule to organism. Oh & Mizumura & Yoshimura		WD-IV-8-2 Comprehensive approaches to pain - from molecule to organism-. Oh & Mizumura & Yoshimura	
Room C-1	100-120		RS N-54 (IBRO symposium) Thalamocortical circuits in brain functions. Shin & Miyata		RS IV-16 Intercellular communications in the brain. Shirao & Penzes	
Room C-2	100-120		RS A-49 Mitochondrial calcium and ROS signaling. Han & Sheu		RS VI-36 Calcium signals in cell death and disease. Nicotera & Verkhratsky	
Room D	220-250	Knut Schmidt-Nielsen Lecture: Brian M. Barnes Overwintering adaptations of animals in a changing Arctic	WD-VII-12-1 Adaptation and environmental physiology. Ohira & Kawai & Hargens		WD-VII-12-2 Adaptation and environmental physiology. Ohira & Kawai & Hargens	
Room E	230-300	August Krogh Lecture: Tobias Wang The evolution of high blood pressures in vertebrates	RS II-6 Neurogenic Hypertension Lazartigues & Paton		RS V-27 Recent advances in the physiology and pathophysiology of the renin-angiotensin-aldosterone system. Nishiyama & Kurtz	
Room F	60-90		WS-2 Evolution of real-time cell imaging and in vivo recording systems. Ikeda & Takumi		TU-2 Molecular imaging and physiological research. Watanabe & Sadato	
Room G	60-90		RS III-13 Development of the Gonads. Kishimoto & Hovatta		WS-5 Stem Cell Technology Workshop. Rodgers & Sato	
Room H	60-90		RS Et-46 Best Practices in Physiological Research: Ethics and Integrity Moody-Corbett & Morrison			
Annex					Lectures for citizens	