

Building	Floor	Room	Venue	9 : 00	10 : 00	11 : 00	12 : 00	13 : 00	
Kobe Portopia Hotel	Hall	1F	Portopia Hall	Room 1					
		Main Building	B1F	Kairaku 1	Room 2	[452]The busy world of plant cells: dynamic organelle movements and their physiological roles (Ikuko Hara-Nishimura / Kentaro Tamura) <b>E</b>		11 : 30	11 : 45
	Kairaku 2			Room 3	[453]Understanding of organogenesis beyond the hierarchy of multicellular behaviors (Akira Kikuchi / Mototsugu Eiraku) <b>E</b>				[4T3L]Development and Regeneration IV
	Kairaku 3			Room 4	[454]New aspects of lipid biology unveiled by lipidomics –from bench to clinic– (Hiroyuki Arai / Junken Aoki) <b>E</b>				[4T4L]Glycobiology and Lipid Biology IV
	Waraku			Room 5	[4W5]Insect Club formal version in MBSJ for insect geeks 2 Entomology in the future (Katsuhisa Ozaki / Tateo Itoh) <b>J</b>				[4T5L]Genome and Genetic Information VII
	Ikuta			Room 6	[4W6]Expanding research field of NAD <sup>+</sup> -poly(ADP-ribose) metabolism: from basic science to further clinical application of PARP inhibitor (Hiroaki Fujimori / Akira Sato) <b>J</b>				[4T6L]Cellular Response V
	Nunobiki			Room 7	[4W7]Cilia-Centrosome Regulates Dynamics of Biological Systems (Daiju Kitagawa / Yoshihiro Omori) <b>J/S</b>				[4T7L] Cellular Structures and Functions VII
	Kitano			Room 8	[4W8]Steroids beyond conventional endocrinology (Tadashi Ogishima / Kuniaki Mukai) <b>J</b>				[4T8L]Enzymes, Redox and Bioenergetics I
	Kikusui			Room 9	[4W9]Reaction Mechanisms in Radical Enzyme – Regulation of the Specificity (Kazuo Kobayashi / Motonari Tsubaki) <b>J</b>				[4T9L]Enzymes, Redox and Bioenergetics II
	South Wing	B1F	Topaz	Room 10	[4W10]The molecular dissection of interplay between host and microbes: the biology of a struggle for supremacy (Takeshi Annoura / Naomi Ohnishi) <b>J</b>				[4T10L]Enzymes, Redox and Bioenergetics III
			Emerald	Room 11	[4W11]The Real Images of TOR (Takashi Ushimaru / Tatsuya Maeda) <b>J</b>				[4T11L]Development and Regeneration V
			Diamond	Room 12	[4W12]New horizons in development of novel therapeutics and diagnostics against dementia (Taisuke Tomita / Takashi Saito) <b>J</b>				[4T12L]Biotechnology, Frontier Sciences and Evolution III
			Ruby	Room 13	[4W13]Glycans tightly correlated with disease – challenges from new research fields (Yoshiki Yamaguchi / Kazuo Yamamoto) <b>J</b>				[4T13L]Glycobiology and Lipid Biology V
Kobe International Conference Center	1F	Main Hall	Room 14	[4S14]Maintenance and plasticity of epigenetic memory (Yoichi Shinkai / Jun-ichi Nakayama) <b>E</b>				[4T14L]Genome and Genetic Information VIII	
		3F	International Conference Room	Room 15	[4S15]Tissue Remodeling and Diseases (Yoshihiro Ogawa / Motoko Yanagita) <b>E</b>				[4T15L]Biology of Diseases VIII
	Reception Hall		Room 16	[4W16]Endosymbiosis on the job (tentative title) (Kiyotaka Hara / Tomoyoshi Nozaki) <b>J</b>				[4T16L]Cellular Structures and Functions VIII	
	4F	401	Room 17	[4T17]Proteins III				[4T17L]Proteins IV	
		402	Room 18	[4T18]Biology of Diseases VI				[4T18L]Biology of Diseases IX	
		403	Special Room	[4TSP]Biology of Diseases VII				[4TSP]Biology of Diseases X	
	5F	501	Room 19	[4W19]tRNA world – New creation of the concept of translation (Koji Tamura / Akiko Soma) <b>J</b>				[4T19L]Biotechnology, Frontier Sciences and Evolution IV	
		502	Room 20	[4W20]Molecules supporting fertilization and their surrounding molecular environment (Naokazu Inoue / Shoji Mano) <b>J</b>				[4T20L]Development and Regeneration VI	
		504+505	Room 21	[4W21]Advanced X-ray imaging technologies lead new horizons of life science (Masataka Kado / Yoshitaka Bessho) <b>J</b>				[4T21L]Biotechnology, Frontier Sciences and Evolution V	
	Kobe Chamber of Commerce and Industry	3F	Hall A	Room 26	[4W26]Interconversion between universality and diversity of genomic stress response (Tsuyoshi Ikura / Akira Kakizuka) <b>J</b>				[4T26L]Biotechnology, Frontier Sciences and Evolution VI
Hall B			Room 27	[4W27]Integration Systems for Biological and Environmental Timing (Kazuhiro Yagita / Yoshitaka Fukada) <b>J</b>				[4T27L]Genome and Genetic Information IX	

13 : 00	14 : 00	15 : 00	16 : 00	17 : 00	18 : 00	19 : 00
	13 : 45	14 : 00	16 : 30	<p><b>[Session Numbers]</b> Date + Symposium (S), Workshop (W), Talk (T) + Room (ex.) 2W13 : Day 2 • Workshop • Room 13</p> <p><b>[Language]</b>  <b>J</b> Japanese    <b>E</b> English    <b>J/E</b> Japanese and English (depending on speakers)</p> <p> <span style="display: inline-block; width: 15px; height: 15px; background-color: #f9cb9c; border: 1px solid black; margin-right: 5px;"></span> Symposium    <span style="display: inline-block; width: 15px; height: 15px; background-color: #cfe2f3; border: 1px solid black; margin-right: 5px;"></span> Forum  <span style="display: inline-block; width: 15px; height: 15px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> Workshop    <span style="display: inline-block; width: 15px; height: 15px; background-color: #d4edda; border: 1px solid black; margin-right: 5px;"></span> Talk  <span style="display: inline-block; width: 15px; height: 15px; background-color: #fff3cd; border: 1px solid black; margin-right: 5px;"></span> Luncheon    <span style="display: inline-block; width: 15px; height: 15px; background-color: #fff3cd; border: 1px solid black; margin-right: 5px;"></span> Poster </p>		
			[4W2-p]Regulatory mechanisms of genome function by hierarchical modulation of chromatin structure (Hitoshi Kurumizaka / Masahiko Harata) <b>J</b>			
			[4W3-p]Blood Vessels as Targets of Regeneration for Health and Destruction to Cure Cancer (Jun K. Yamashita / Tetsuro Watabe) <b>J</b>			
			[4W4-p]New Technology and Molecular Biology of "Life-Aging-Disease-Death" (Tomoaki Tanaka / Tohru Minamino) <b>J</b>			
			[4W5-p]Epigenetic regulations in environmental responses (Takashi Kondo / Kyoichi Isono) <b>J/E</b>			
			[4W6-p]Cutting Edge of the Research for Protein Phosphatases: The Bridge to Medical Innovation (Kazuyasu Sakaguchi / Takashi Matozaki) <b>J</b>			
			[4W7-p]The maintenance of homeostasis through the unfolded protein response (UPR) (Kazutoshi Mori / Osamu Hori) <b>J/E</b>			
			[4W8-p]Frontier of Metals in Biology (Yoshitsugu Shiro / Koichiro Ishimori) <b>J</b>			
			CSHA session Metabolism, cancer and diseases			
			[4W10-p]Chemical biology of RNA regulation (Naoyuki Kataoka / Tokio Tani) <b>J/E</b>			
			[4W11-p]Developmental plasticity, robustness and coordination in plants (Masaaki Umeda / Toshiro Ito) <b>E</b>			
			[4W12-p]"New Paradigm Creation in Personalized and Preventive Medicine - the Gift from Big medical data and Supercomputer-" (Satoru Miyano / Seiya Imoto) <b>J</b>			
			[4W13-p]Origins and evolution of life in the universe: Chance and necessity (Akihiko Yamagishi / Ichiro Hirao) <b>J</b>	16 : 45	18 : 45	
				Open Lecture		
	14 : 00	16 : 30				
			[4W15-p]"Hypoxia biology" the roles of hypoxia signaling in homeostasis (Masahiro Inoue / Norihiko Takeda) <b>J</b>			
			[4W16-p]Regulation of cell signaling by glycans (Tetsuya Okajima / Hiromu Takematsu) <b>J</b>			
			[4T17p]Proteins V			
			[4T18p]Biology of Diseases XI			
			[4TSPp]Biology of Diseases XII			
			[4W19-p]Frontiers in Muscle Biology (Motoi Kanagawa Yusuke Ono) <b>J</b>			
			[4W20-p]"We love microorganisms as research materials" (Yutaka Kawarabayashi / Makoto Kimura) <b>J/E</b>			
			[4W21-p]The biology of a relationship: evolution driven by parasitism and symbiosis (Kisaburo Nagamune / Osamu Kaneko) <b>J</b>			
			[4W26-p]The cutting edge of technologies for manipulating and surveying cells directed toward industrial applications (Satoshi Fujita / Masahiro Kawahara) <b>J</b>			
			[4W27-p]Aberrant mRNA decay in pathogenesis of various diseases (Osamu Takeuchi / Keiji Kuba) <b>J</b>			