

# BMB 2015



## BIOCHEMISTRY AND MOLECULAR BIOLOGY



**December 1 (Tue)-4 (Fri), 2015**

**Kobe Port Island**

(Kobe PORTOPIA HOTEL, Kobe International Conference Center,  
Kobe International Exhibition Hall, The Kobe Chamber of Commerce and Industry)

Presidents

**Ryoichiro Kageyama**  
(Kyoto University)



**Toshiya Endo**  
(Kyoto Sangyo University)



**PROGRAM**



# BMB2015

## Joint Meeting of The 38th Annual Meeting of The Molecular Biology Society of Japan and The 88th Annual Meeting of The Japanese Biochemical Society

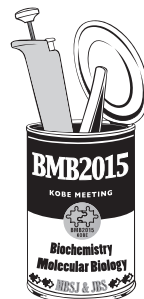


Period: December 1 (Tue) - 4 (Fri), 2015

Venue: Kobe Port Island (KOBÉ PORTOPIA HOTEL, Kobe International Conference Center,  
Kobe International Exhibition Hall, The Kobe Chamber of Commerce and Industry)

Presidents: Ryoichiro Kageyama (Kyoto University) / Toshiya Endo (Kyoto Sangyo University)

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## BMB2015 Schedule

	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Dec. 1 Tue.</b>		Symposium/ Workshop/ Talk 9:00-11:30				Luncheon Seminar 12:45-13:45	Workshop/ Talk 14:00-16:30					Forum 18:45-20:15	Research ethics forum 18:45-20:45	
		Setup		Plenary Lecture/ Pioneer's Lecture 11:45-12:30		MBSJ & JBS Collaboration Seminar 12:40-13:45				Poster and Discussion 16:45-18:45	Removal			
Exhibition of Instruments, Reagents and Publication Exhibition of NBRP/BioDB 10:00-18:45														
<b>Dec. 2 Wed.</b>		Symposium/ Workshop/ Talk 9:00-11:30				Luncheon Seminar 12:45-13:45	Workshop/ Talk 14:00-16:30					Forum 18:45-20:15		
		Setup		Plenary Lecture/ Pioneer's Lecture 11:45-12:30		MBSJ Career Seminar 12:40-13:45	Symposium on Drug Discovery 14:00-16:30			Poster discussion by High school students	Poster and Discussion 16:45-18:45	Removal		
Exhibition of Instruments, Reagents and Publication Exhibition of NBRP/BioDB 10:00-18:45														
MBSJ General Assembly & Tomizawa Fund Ceremony 18:15-19:45														
<b>Dec. 3 Thu.</b>		Symposium/ Workshop/ Talk 9:00-11:30				Luncheon Seminar 12:45-13:45	Workshop/ Talk 14:00-16:30					Forum 18:45-20:15	Discussion for Japanese Science 18:45-20:45	
		Setup		Plenary Lecture/ Pioneer's Lecture 11:45-12:30			JBS Award lecture 14:00-17:10			Poster and Discussion 16:45-18:45	Removal			
Exhibition of Instruments, Reagents and Publication Exhibition of NBRP/BioDB 10:00-18:45														
<b>Dec. 4 Fri.</b>		Symposium/ Workshop/ Talk 9:00-11:30				Talk 11:45-13:45	Workshop/ Talk 14:00-16:30					Open Lecture 16:45-18:45		
							CSHA Session 14:00-16:30							

Building	Floor	Room	Venue	9 : 00	10 : 00	11 : 00	12 : 00	13 : 00	
Kobe Portopia Hotel	Hall	1F	Portopia Hall	Room 1	9 : 00		11 : 45	12 : 30	
							Plenary Lecture (Tom A. Rapoport)	12 : 45	
	Main Building	B1F	Kairaku 1	Room 2	[152]Molecular system for creating, decoding, and destroying glycans (Koichi Kato / Shinji Miyata)				
			Kairaku 2	Room 3	[153]Spontaneous pattern formation driven by cell-cell communication (Eisuke Nishida / Miki Ebisuya)				
			Kairaku 3	Room 4	[154]Molecular Mechanisms of Brain and Mind development (Fumio Matsuzaki / Tomomi Shimogori)				
			Waraku	Room 5	[1W5]Basic technology, science and practice of drug re-positioning strategy (Tohru Mizushima / Tohru Natsume)				
			Ikuta	Room 6	[1W6]Toward a Drug Design by a Collaborative Efforts of Molecular Biology and Structural Life Science (Kei Yura / Toshiya Senda)				
			Nunobiki	Room 7	[1W7]Physiological Roles of Hydrogen Sulfide (H2S) and Polysulfides (H2Sn) as signaling molecules (Hideo Kimura)				
			Kitano	Room 8	[1W8]Reconsideration of amyloid: the past and future (Naomi Hachiya / Eri Chatani)				
			Kikusui	Room 9	[1W9]Current research on the diversity of toxins 'The Structure, Function, Evolution, and Application' (Sakae Kitada / Takahito Chijiwa)				
	South Wing	B1F	Topaz	Room 10	[1W10]Structural properties and intracellular function of helical repeat proteins (Kodai Hara / Shige H. Yoshimura)				
			Emerald	Room 11	[1W11]Novel strategies toward understanding mechanisms that lead to refractory cancer (Satoshi Inoue / Koji Okamoto)				
			Diamond	Room 12	[1W12]Molecular mechanism for the cyclic tissue regeneration and differentiation of somatic stem cell, and the relative microenvironments. (Tokuo Iwabuchi)				
Ruby			Room 13	[1W13]The single-cell biology (Akira Watanabe / Etsuo A. Susaki)					
Kobe International Conference Center	1F	Main Hall	Room 14	[1S14]Autophagy (Noboru Mizushima / Maho Hamasaki)			11 : 45	12 : 40	
	3F	International Conference Room	Room 15	[1S15]Genomics and Epigenomics in Development and Evolution (Hiroyuki Takeda / Koji Tamura)					
		Reception Hall	Room 16	[1W16]Diverse functions executed by the iron-sulfur proteins (Yasuhiro Takahashi / Kei Wada)					
	4F	401	Room 17	[1T17]Development and Regeneration I					
		402	Room 18	[1T18]Neuroscience I					
		403	Special Room	[1TSP]Glycobiology and Lipid Biology I					
	5F	501	Room 19	[1W19]"Proteomics: Current technologies and beyond" (Hiroyuki Kaji / Koji Ueda)					
		502	Room 20	[1W20]Mechanisms of cerebral corticogenesis through regulation of the cellular behaviors (Kazunori Nakajima / Chiaki Ohtaka-Maruyama)					
		504+505	Room 21	[1W21]Science Communication Skills Training Programs (Kei Kano / Mikihito Tanaka)					
	Kobe International Exhibition Hall	No.2 Bldg.	2F	Room 2A	Room 22	[1W22]Principles of interference between environment and individuals during development that optimize their healthy status (Takeo Kubota)			
Room 2B				Room 23	[1T23]Cellular Structures and Functions I				
3F			Room 3A	Room 24	[1W24]Revisiting the enzymes and their complexes involved in RNA regulations (Akio Kanai / Kumiko Ui-Tei)				
			Room 3B	Room 25	[1T25]Genome and Genetic Information I				
No.1 Bldg. 1F, 2F No.2, 3 Bldg. 1F			Poster Room 1 ~ 4		10 : 00	Poster Exhibition			
			Exhibition Hall 1 ~ 4			Exhibition of Instruments, Publications			

13 : 00	14 : 00	15 : 00	16 : 00	17 : 00	18 : 00	19 : 00
				<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: #cccccc; border: 1px solid black;"></span> Symposium    <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black;"></span> Forum  <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffffff; border: 1px solid black;"></span> Workshop    <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffffff; border: 1px solid black;"></span> Talk  <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black;"></span> Luncheon    <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black;"></span> Poster </p>		
13 : 45		14 : 00		16 : 30		
<b>[1LS2]</b> Luncheon Seminar	<b>[1W2-p]</b> The molecular basis for chromosome structure and function (Junko Kanoh / Tatsuo Fukagawa) <b>J/E</b>					
<b>[1LS3]</b> Luncheon Seminar	<b>[1W3-p]</b> Dynamic feature of multifaceted mitochondria in various biofunctions (Naotada Ishihara / Takumi Koshiba) <b>J</b>					
<b>[1LS4]</b> Luncheon Seminar	<b>[1W4-p]</b> Collaborative Regulatory Mechanism between Cell Differentiation and Gene Expression in Eukaryotic Cells (Takashi Ito / Yoshiaki Ohkuma) <b>E</b>					
<b>[1LS5]</b> Luncheon Seminar	<b>[1W5-p]</b> Molecular Pathology of Rare Diseases (Naomichi Matsumoto / Katsuhiko Shirahige) <b>J/E</b>					
	<b>[1W6-p]</b> Direct comparative studies between species unlock generality and diversity in various biological systems (Takashi Takeuchi / Toshihiko Shiroishi) <b>J</b>					
	<b>[1W7-p]</b> Molecular biology of NAD and FAD: Toward an understanding of multifaceted functions of water-soluble vitamins (Yasukazu Nakahata / Shinjiro Hino) <b>J</b>					
	<b>[1W8-p]</b> The availability of polyamines on human diseases and health (Noriyuki Murai / Mitsuharu Matsumoto) <b>J</b>					
	<b>[1W9-p]</b> Zinc Signaling (Toshiyuki Fukada / Taiho Kambe) <b>E</b>					
	<b>[1W10-p]</b> Sex chromosomes and epigenetics (Takashi Sado / Masako Tada) <b>J</b>					
	<b>[1W11-p]</b> The Ubiquitin System Unraveling New Biological Phenomena (Takumi Kamura / Shigetugu Hatakeyama) <b>J</b>					
	<b>[1W12-p]</b> Viral sequences integrated in the genomes: function and evolution (Kenji K. Kojima) <b>J/E</b>					
	<b>[1W13-p]</b> Basic and applied researches of a wide range of bio-related molecules toward practical applications (Satoshi Akanuma Ryoichi Arai) <b>J</b>					
	<b>[1W14-p]</b> New insights into liquid biopsy (Takahiro Ochiya / Hidetoshi Tahara) <b>J</b>					BMB2015 Research ethics forum (18:45~20:45)
13 : 45						
MBSJ & JBS Collaboration Seminar	<b>[1W15-p]"Gene therapy revived!"</b> (Kohnosuke Mitani / Yasufumi Kaneda) <b>J</b>					
	<b>[1W16-p]</b> Regulation of Proteostasis and Diseases (Masafumi Yohda / Akira Nakai) <b>J/E</b>					<b>[1F16]</b> (18:45~20:15)
	<b>[1T17p]</b> Development and Regeneration II					
	<b>[1T18p]</b> Neuroscience II					
	<b>[1TSPp]</b> Glycobiology and Lipid Biology II					
13 : 45						
<b>[1LS19]</b> Luncheon Seminar	<b>[1W19-p]</b> The novel microbial functions based on variety and specificity and their applications (Hiroshi Takagi / Michihiko Kobayashi) <b>J</b>					<b>[1F19]</b> (18:45~20:15)
<b>[1LS20]</b> Luncheon Seminar	<b>[1W20-p]</b> Novel gene expression mechanisms regulating differentiation and circuit generation of neurons (Shuya Fukai / Tomoyuki Yoshida) <b>J</b>					<b>[1F20]</b> (18:45~20:15)
	<b>[1W21-p]</b> In situ structural biology for the investigation of eukaryotic intracellular protein behaviours (Takanori Kigawa / Yutaka Ito) <b>E</b>					
	<b>[1W22-p]</b> RNA diseases (Kinji Ohno / Hisao Ueyama) <b>J</b>					
	<b>[1T23p]</b> Cellular Structures and Functions II					
	<b>[1W24-p]</b> The essential mechanisms to build up life from molecules: order formation by self-assembly/self-organization and the accompanied emergence (Takashi Ohyama / Yo Kikuchi) <b>J</b>					
	<b>[1T25p]</b> Genome and Genetic Information II					
				16 : 45		18 : 45
Poster Exhibition				Poster Discussion		
Exhibition of Instruments, Publications						

Building	Floor	Room	Venue	9 : 00	10 : 00	11 : 00	12 : 00	13 : 00		
Kobe Portopia Hotel	Main Building	Hall	1F	Portopia Hall	Room 1		11 : 45	Plenary Lecture (Brigid Hogan)	12 : 30	
							9 : 00	11 : 30		12 : 45
		B1F		Kairaku 1	Room 2	[2S2]Organelle biology: New pictures of cellular structures and functions (Toshiya Endo / Gia Voeltz)	E			
				Kairaku 2	Room 3	[2S3]For those with crystallophobia (So Iwata / Mikako Shirouzu)	E			
				Kairaku 3	Room 4	[2S4]New technologies for imaging and regulation of cellular proteins: from subcellular region to whole bodies (Itaru Hamachi / Shigeki Kiyonaka)	E			
				Waraku	Room 5	[2W5]Evolutionary epigenetics: Evolutionary mechanisms from epigenetic points of view (Ichizo Kobayashi / Tetsuji Kakutani)	J			
				Ikuta	Room 6	[2W6]Oxidative stress from molecular mechanisms to patients (Dongchon Kang / Hiroshi Hayakawa)	J			
				Nunobiki	Room 7	[2W7]"Reunion" of membrane transport protein-researches (Shushi Nagamori / Haruo Ogawa)	E			
			Kitano	Room 8	[2W8]The leading edge of neo-glucose metabolism research (Hiroshi Masumoto / Masaki Mizunuma)	J				
		Kikusui	Room 9	[2W9]Frontier fish sciences (Atsuo Iida / Hiromi Hirata)	E					
	South Wing	B1F		Topaz	Room 10	[2W10]Science-based functional food molecules (Ryuichiro Sato / Koji Uchida)	J			
				Emerald	Room 11	[2W11]Cell competition: toward understanding universal principles of competitive cell-cell interactions. (Tatsushi Igaki / Yasuyuki Fujita)	J			
				Diamond	Room 12	[2W12]Toward the understanding of molecular mechanisms for the acquisition of totipotency (Toshinobu Nakamura / Masahito Ikawa)	J			
			Ruby	Room 13	[2W13]Structures and biological functions of non-B DNA and its application for manipulation of biological systems (Hisao Masai / Daisuke Miyoshi)	E				
Kobe International Conference Center	1F	Main Hall	Room 14	[2S14]The life sciences elucidated by the analysis of angio/lymphangiogenesis (Kohei Miyazono / Nobuyuki Takakura)	E		Pioneer's Lecture (Yoshimi Takai)	12 : 40		
	3F	International Conference Room	Room 15	[2S15]Life driven by RNAs (Mikiko C. Siomi / Kiyokazu Agata)	E					
		Reception Hall	Room 16	[2W16]Novel Technologies to Analyze and Control Cellular Functions: From 1-molecule to Spatiotemporal Dynamics (Masaharu Seno)	J					
	4F	401	Room 17	[2T17]Development and Regeneration III						
		402	Room 18	[2T18]Biotechnology, Frontier Sciences and Evolution I						
		403	Special Room	[2TSP]Glycobiology and Lipid Biology III				12 : 45		
	5F	501	Room 19	[2W19]Molecular mechanism of Aging and its triggered disorders and diseases (Kaori Fujita / Mitsuo Maruyama)	J					
		502	Room 20	[2W20]Replication fork: the molecular platform for diverse DNA transactions (Masato Kanemak / Tatsuro Takahashi)	J/E					
		504+505	Room 21	[2T21]Cellular Response I				12 : 45		
Kobe International Exhibition Hall	No.2 Bldg.	2F	Room 2A	Room 22	[2W22]Current research trends in Complex Systems Biology (Kunihiro Ohta / Satoshi Sawai)	J				
			Room 2B	Room 23	[2T23]Cellular Structures and Functions III					
		3F	Room 3A	Room 24	[2W24]An Approach to Neuroscience by Phos-tag Technology, a New Method for Protein Phosphorylation (Tomohisa Hosokawa / Eiji Kinoshita)	J/E				
			Room 3B	Room 25	[2T25]Genome and Genetic Information III					
	No.1 Bldg. 1F, 2F No.2, 3 Bldg. 1F	Poster Room 1 ~ 4			10 : 00	Poster Exhibition				
		Exhibition Hall 1 ~ 4				Exhibition of Instruments, Publications				
Kobe Chamber of Commerce and Industry	3F	Hall A	Room 26	[2W26]5-aminolevulinic acid: its various physiological functions and diverse applications from agriculture to medicine. (Kiyoshi Kita / Taku Chibazakura / Shun-ichiro Ogura)	J		11 : 30			
		Hall B	Room 27	[2W27]Live cell imaging in planet science (Tomohiro Uemura / Shigeyuki Betusyaku)	J					



13 : 00	14 : 00	15 : 00	16 : 00	17 : 00	18 : 00	19 : 00
					<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: #cccccc; border: 1px solid black; margin-right: 5px;"></span> Symposium    <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black; margin-right: 5px;"></span> Forum  <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffffff; border: 1px solid black; margin-right: 5px;"></span> Workshop    <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffffff; border: 1px solid black; margin-right: 5px;"></span> Talk  <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black; margin-right: 5px;"></span> Luncheon    <span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; border: 1px solid black; margin-right: 5px;"></span> Poster </p>	
	13 : 45	14 : 00	16 : 30			
	<b>[2LS2]</b> Luncheon Seminar	<b>[2W2-p]</b> Active production of reactive oxygen species by NADPH oxidases: involvement in diverse biological functions in animals, plants, and fungi. (Kazuyuki Kuchitsu / Masato Katsuyama) <b>J</b>				
	<b>[2LS3]</b> Luncheon Seminar	<b>[2W3-p]</b> Behavior of the countable number of molecular elements, which governs biological systems. (Kazuhiro Maeshima / Hiroki R. Ueda) <b>J</b>				
	<b>[2LS4]</b> Luncheon Seminar	<b>[2W4-p]</b> Biomarker research on lifestyle disease - from investigation of the cause to identification of the therapeutic targets (Takaki Hiwasa / Takanori Kitazono) <b>J</b>				
	<b>[2LS5]</b> Luncheon Seminar	<b>[2W5-p]</b> Primary causes and therapies of Alzheimer's disease revealed by plasma membrane and membrane trafficking (Makoto Michikawa / Toshiharu Suzuki) <b>E</b>				
	<b>[2LS6]</b> Luncheon Seminar	<b>[2W6-p]</b> Translational glyconeuroscience (Hiroshi Kitagawa / Kenji Kadamatsu) <b>J</b>				
		<b>[2W7-p]</b> New frontier of oxidative phosphorylation. (Seiji Takashima / Toshiharu Suzuki) <b>J/E</b>				
		<b>[2W8-p]</b> Brain immunity and the disease. (Takae Hirasawa) <b>J</b>				
		<b>[2W9-p]</b> Transcription factors in cell growth and differentiation (Akihiko Yokoyama / Tomohiko Tamura) <b>E</b>				
		<b>[2W10-p]</b> Frontier of Plant Epigenome Regulation (Motoaki Seki / Sachihiko Matsunaga / Tetsu Kinoshita) <b>J</b>				
		<b>[2W11-p]</b> Membrane dynamics and lipids (Fubito Nakatsu / Hye-Won Shin) <b>E</b>				
		<b>[2W12-p]</b> A New Approach on Regenerative Medicine via Information-sharing (Hirofumi Suemori / Kenta Nakai) <b>J</b>				
		<b>[2W13-p]</b> Emerging of molecular bases that regulate context-specific Notch signaling (Motoyuki Itoh / Motoo Kitagawa / Kenji Matsuno) <b>E</b>				
		<b>[Symposium on Drug Discovery]</b>				
	13 : 45					
	MBSJ Career Path Seminar	<b>[2W15-p]</b> Frontier in long noncoding RNA field: Approaching through Biochemistry, Molecular Biology, and Medicine (Riki Kurokawa / Takanori Oyoshi) <b>J/E</b>				
		<b>[2W16-p]</b> The Frontiers of multi-spectrum omics (Tsuyoshi Osawa / Teppei Shimamura) <b>J</b>				
		<b>[2T17p]</b> Plant Biology, Agrobiological, and Food Science I				
		<b>[2T18p]</b> Biotechnology, Frontier Sciences and Evolution II				
		<b>[2TSPp]</b> Biology of Diseases I				
	13 : 45					
	<b>[2LS19]</b> Luncheon Seminar	<b>[2W19-p]</b> Gap Junction: connexin, innexin & pannexin - structural, developmental & pathological studies - (Masakatsu Watanabe / Atsunori Oshima) <b>J</b>			<b>[2F19]</b> (18:45~20:15)	
	<b>[2LS20]</b> Luncheon Seminar	<b>[2W20-p]</b> DG signaling in diabetes-related diseases (Fumio Sakane / Yasuhito Shirai) <b>J</b>			<b>[2F20]</b> (18:45~20:15)	
		<b>[2T21p]</b> Cellular Response II			<b>[2F21]</b> (18:45~20:15)	
	13 : 45					
	<b>[2LS22]</b> Luncheon Seminar	<b>[2W22-p]</b> "Incorporation of unnatural bases and amino acids into the central dogma of genetic information" (Shigeyuki Yokoyama / Michiko Kimoto) <b>E</b>				
		<b>[2T23p]</b> Cellular Structures and Functions IV				
		<b>[2W24-p]</b> New insights into the developmental role of calcium oscillation signaling (Kazuo Emoto / Naoto Ueno) <b>E</b>				
		<b>[2T25p]</b> Genome and Genetic Information IV				
			16 : 45	18 : 45		
		Poster Exhibition	Poster Discussion Presentation by High School Students (No.2 Bldg. 1F (Poster Room3))	General Assembly (18:15~19:45) (No.2 Bldg. 1F (Poster Room3))		
	Exhibition of Instruments, Publications					
	14 : 00		16 : 30			
		<b>[2W26-p]</b> Continuing advance in the transglutaminase research into medical science (Akitada Ichinose / Soichi Kojima / Kiyotaka Hitomi) <b>E</b>				
		<b>[2W27-p]</b> Pericyte in health and disease (Koichi Nishiyama / Seiji Yamamoto) <b>J</b>				

Building	Floor	Room	Venue	9 : 00	10 : 00	11 : 00	12 : 00	13 : 00		
Kobe Portopia Hotel	Hall	1F	Portopia Hall	Room 1	9 : 00		11 : 45	Plenary Lecture (Shigekazu Nagata)	12 : 30	
		Main Building	B1F	Kairaku 1	Room 2	[352]Nascent chains: the ribosome as a hub for protein quality control (Hideki Taguchi / Toshifumi Inada)		E		12 : 45
	Kairaku 2			Room 3	[353]Molecular Basis of Oxidative-Electrophilic Stress Response (Masayuki Yamamoto / Masaaki Komatsu)		E			
	Kairaku 3			Room 4	[354]Cell and Time (Hitoshi Okamura / Yumiko Saga)		E			
	Waraku			Room 5	[3W5]Paradigm shift in Homochirality of Biomolecules - Great advances in D-Amino Acid Research (Noriko Fujii / Hiroshi Homma)		J			
	Ikuta			Room 6	[3W6]Lipid signaling and lipid-related diseases (Toshihide Kobayashi / Kiyoko Fukami)		J			
	Nunobiki			Room 7	[3W7]Frontier of Structural Molecular Biology and Biochemistry (Toshio Hakoshima / Katsumi Maenaka)		J			
	Kitano			Room 8	[3W8]Molecular Biology of Intriguing Creatures (Kyoko Miura / Hirota Kanuka)		J			
	Kikusui			Room 9	[3W9]POK family functions in complexity of differentiation ~transcriptional repression and chromatin remodeling ~ (Haruo Okado)		J			
	South Wing	B1F	Topaz	Room 10	[3W10]Dynamical epigenomics study in vascular- and metabolic-diseases (Takashi Minami / Juro Sakai)		J			
			Emerald	Room 11	[3W11]Biology and Dynamics of RNA Granules ~The Frontlines of Cell Fate Determination and Medical Research~ (Mutsuhiro Takekawa / Reiko Sugura)		J			
			Diamond	Room 12	[3W12]Molecular dynamics of higher-order complexes for initiation of DNA replication: diversity and universality (Tsutomu Katayama / Hisao Masukata)		J			
			Ruby	Room 13	[3W13]Nutrients, metabolites and gene expression - forefront of nutrigenomics research (Naoya Yahagi / Michihiro Matsumoto)		J			
			Sapphire	Special Room						
	Kobe International Conference Center	1F	Main Hall	Room 14	[3S14]Customizing cells and organisms using genome editing (Takashi Yamamoto / Akitsu Hotta)		E	11 : 45	12 : 30	
3F		International Conference Room	Room 15	[3S15]Genetic/Epigenetic Regulation and Reconstitution In Vitro of Germ Cell Development (Mitsunori Saitou / Katsuhiko Hayashi)		E		12 : 45		
		Reception Hall	Room 16	[3W16]Challenging important issues on biological effects in ionizing radiation by the power of molecular biology (Junya Kobayashi / Yoshihisa Matsumoto)		J				
4F		401	Room 17	[3T17]Proteins I						
		402	Room 18	[3T18]Biology of Diseases II						
		403	Special Room	[3TSP]Biology of Diseases III						
5F		501	Room 19	[3W19]New aspects of membrane traffic in multicellular organisms (Mitsunori Fukuda / Ken Sato)		J				
		502	Room 20	[3W20]Hippo signaling pathway regulates various cellular responses (Hiroshi Nishina / Yutaka Hata)		J				
		504+505	Room 21	[3T21]Cellular Response III						
Kobe International Exhibition Hall		No.2 Bldg.	2F	Room 2A	Room 22	[3W22]Amino acid signaling and its dynamic regulation (Yoshitaka Hayashi)		J		
	Room 2B			Room 23	[3T23]Cellular Structures and Functions V					
	3F		Room 3A	Room 24	[3W24]Database Biology: new standard for research by recycling public data (Kiichi Hirota / Hidemasa Bono)		J			
			Room 3B	Room 25	[3T25]Genome and Genetic Information V					
	No.1 Bldg. 1F, 2F No.2, 3 Bldg. 1F			Poster Room 1 ~ 4	10 : 00					Poster Exhibition
				Exhibition Hall 1 ~ 4	9 : 00					Exhibition of Instruments, Publications
	Kobe Chamber of Commerce and Industry	3F	Hall A	Room 26	[3W26]Host cell organelles involved in the proliferation of microbial pathogens (Kentaro Hanada / Tetsuro Suzuki)		J	11 : 30		
			Hall B	Room 27	[3W27]Chemical biology aiming at new agrochemicals (Hiroyuki Osada / Hirokazu Kawagishi)		J			

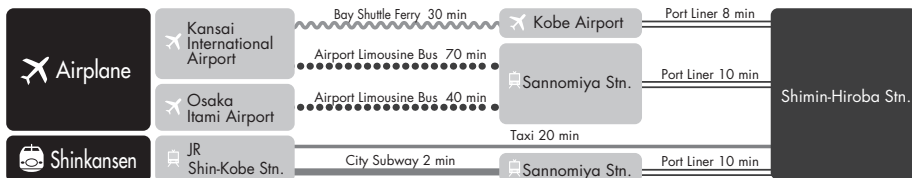
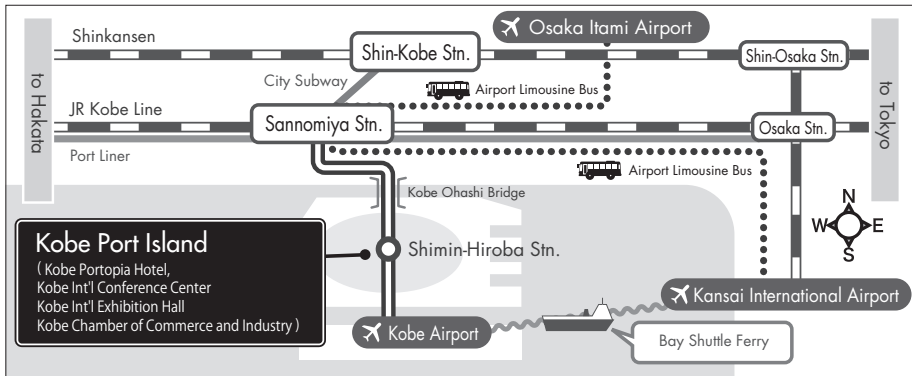
13:00		14:00		15:00		16:00		17:00		18:00		19:00	
										<b>[Session Numbers]</b> Date + Symposium (S), Workshop (W), Talk (T) + Room (ex.) 2W13: Day 2 - Workshop - Room 13  <b>[Language]</b> <b>J</b> Japanese <b>E</b> English <b>J/E</b> Japanese and English (depending on speakers)  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Symposium</p> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffffff; border: 1px solid black;"></span> Workshop</p> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Luncheon</p> </div> <div style="width: 45%;"> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #666666; border: 1px solid black;"></span> Forum</p> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffffff; border: 1px solid black;"></span> Talk</p> <p><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Poster</p> </div> </div>			
[3LS2] Luncheon Seminar		[3W2-p] Comprehensive regulatory system in DNA damage response ~Molecular pathogenesis of genome instability disorders~ (Atsushi Shibata / Tomoo Ogi) <b>J</b>											
[3LS3] Luncheon Seminar		[3W3-p] Robustness and evolvability of biological reaction systems (Masami Horikoshi / Kenji Ichiyanagi) <b>J</b>											
[3LS4] Luncheon Seminar		[3W4-p] Metabo-immuno-senescence crossroads in non-communicable disease (Yuichi Oike / Ichiro Manabe) <b>J</b>											
JB Luncheon Workshop		[3W5-p] Molecular Genetic Approaches to understand Neurodegenerative disease (Norio Ishida) <b>J</b>											
		[3W6-p] Dynamics in cell-cell adhesion and cytoskeleton complex to create biological systems (Junichi Ikenouchi / Sachiko Tsukita) <b>E</b>											
		[3W7-p] Integrated Lipid Biology Research in the Post-Lipidomics Era (Yoshio Hirabayashi / Makoto Ito) <b>J/E</b>											
		[3W8-p] A cell surface receptor whose primary role is well known plays an unexpected role. (Junji Yamauchi / Hironori Katoh) <b>J</b>											
		[3W9-p] Novel therapeutic approaches for refractory lung diseases based on the molecular mechanisms (Tsuyoshi Shuto / Tsukasa Okiyoneda) <b>J</b>											
		[3W10-p] Dynamic regulation of posttranslational modification in secretory pathway (Hiroyuki Ishikawa / Satoshi Goto) <b>J</b>											
		[3W11-p] Nuclear non-coding RNA architecture for physiological functions (Kuniaki Saito / Tetsuro Hirose) <b>E</b>											
		[3W12-p] Nutri-developmental biology: Towards understanding molecular mechanisms of nutrient-dependent regulation of development (Ryusuke Niwa / Tadashi Uemura) <b>J</b>											
		[3W13-p] Perspectives of optical imaging technologies in biomedical application (Yusuke Oshima / Takashi Katagiri) <b>J</b>											
		SHIMADZU CORPORATION Technical Workshop											
		[3W14-p] Warburg effect in cancer (Tomoyoshi Soga / Hiroyasu Esumi) <b>J</b>								Discussion for Japanese Science (18:45~20:45)			
[3LS15] Luncheon Seminar		JBS Award Lecture											
		[3W16-p] Intelligent use of glycans by the host immune system and by foreign invaders (Miki Yamamoto-Hino / Akiko Shiratsuchi) <b>J/E</b>											
		[3T17p] Proteins II											
		[3T18p] Biology of Diseases IV											
		[3TSPp] Biology of Diseases V											
		[3W19-p] Origin and evolution of primary biomaterials for common cellular activities: What is a principal mechanism for gene organization? - New concept beyond the operon theory - (Gen-ichi Sempel / Naoki Nemoto) <b>J</b>										[3F19] (18:45~20:15)	
		[3W20-p] Reproduction, as a key phenomenon of mammalian life (Keiichi Nakayama / Sinya Kuroda) <b>J/E</b>										[3F20] (18:45~20:15)	
		[3T21p] Cellular Response IV										[3F21] (18:45~20:15)	
		[3W22-p] Quantitative biology toward trans-omic analysis (Keiichi Nakayama / Sinya Kuroda) <b>E</b>											
		[3T23p] Cellular Structures and Functions VI											
		[3W24-p] Conversion of cell fate (Yutaka Kikuchi / Atsushi Suzuki) <b>J</b>											
		[3T25p] Genome and Genetic Information VI											
		Poster Exhibition						Poster Discussion					
		Exhibition of Instruments, Publications											
[3W26-p] Innovative research on post-transcriptional gene expression regulation. (Akio Yamashita / Toshinobu Fujiwara) <b>J</b>													
[3W27-p] Analysis of local chromatin structure by state-of-the-art technologies and its comprehensive interpretation (Youichiro Wada / Hodaka Fujii) <b>E</b>													

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	
	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		

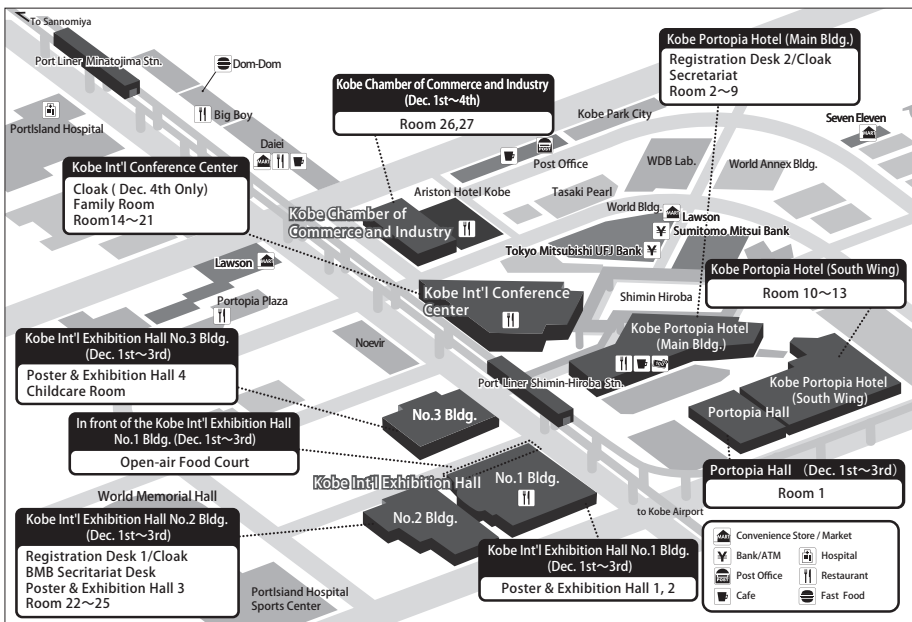
13 : 00	14 : 00	15 : 00	16 : 00	17 : 00	18 : 00	19 : 00
	13 : 45	14 : 00	16 : 30	<p><b>[Session Numbers]</b> Date+Symposium (S), Workshop (W), Talk (T)+Room (ex.) 2W13:Day 2·Workshop·Room 13</p> <p><b>[Language]</b>  <b>J</b> Japanese    <b>E</b> English    <b>J/E</b> Japanese and English (depending on speakers)</p> <p> <span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Symposium    <span style="display: inline-block; width: 15px; height: 10px; background-color: #808080; border: 1px solid black;"></span> Forum  <span style="display: inline-block; width: 15px; height: 10px; background-color: #ffffff; border: 1px solid black;"></span> Workshop    <span style="display: inline-block; width: 15px; height: 10px; background-color: #e0e0e0; border: 1px solid black;"></span> Talk  <span style="display: inline-block; width: 15px; height: 10px; background-color: #d3d3d3; border: 1px solid black;"></span> Luncheon    <span style="display: inline-block; width: 15px; height: 10px; background-color: #c0c0c0; border: 1px solid black;"></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>				

## Access/Area Map

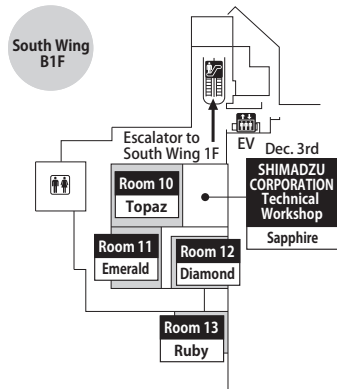
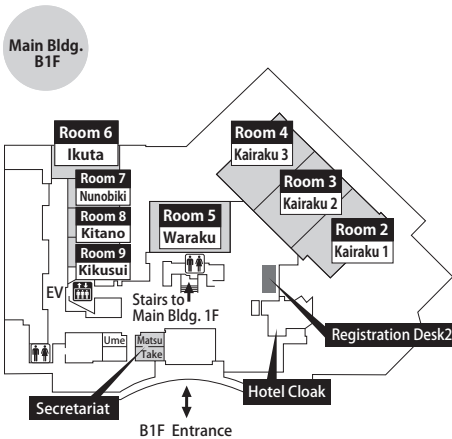
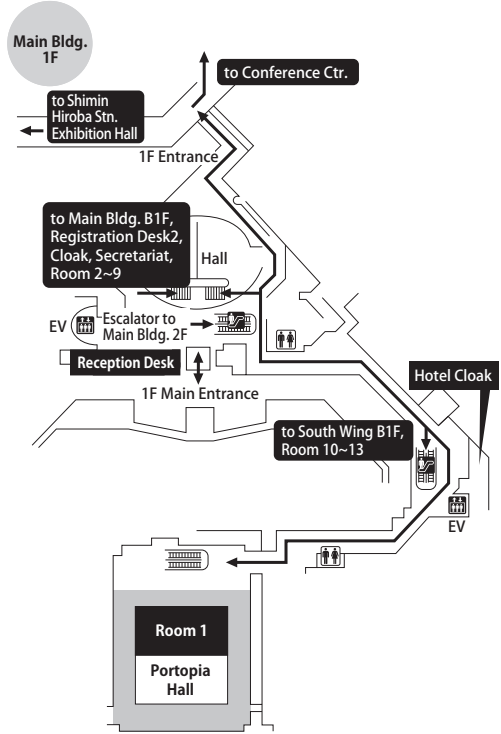
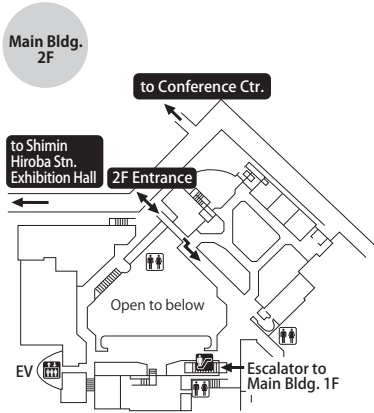
### ◆ Access



### ◆ Area Map

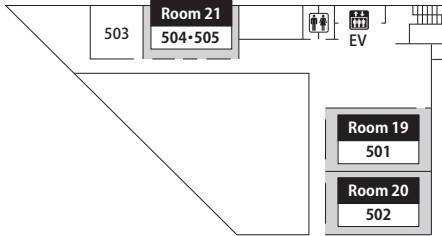


## Kobe Portopia Hotel

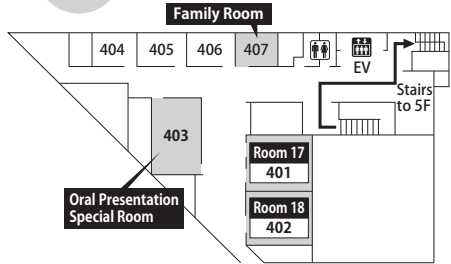


## Kobe Int'l Conference Center

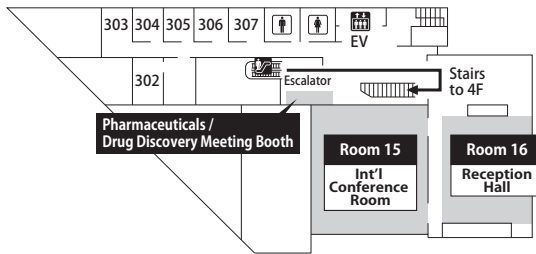
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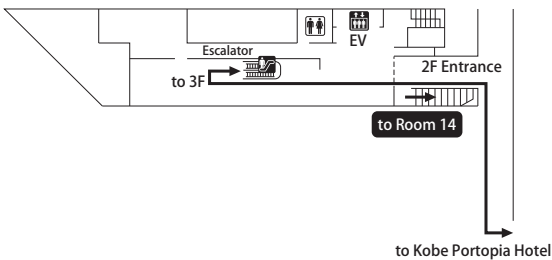
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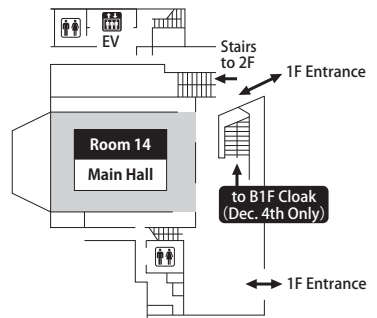
3F



2F

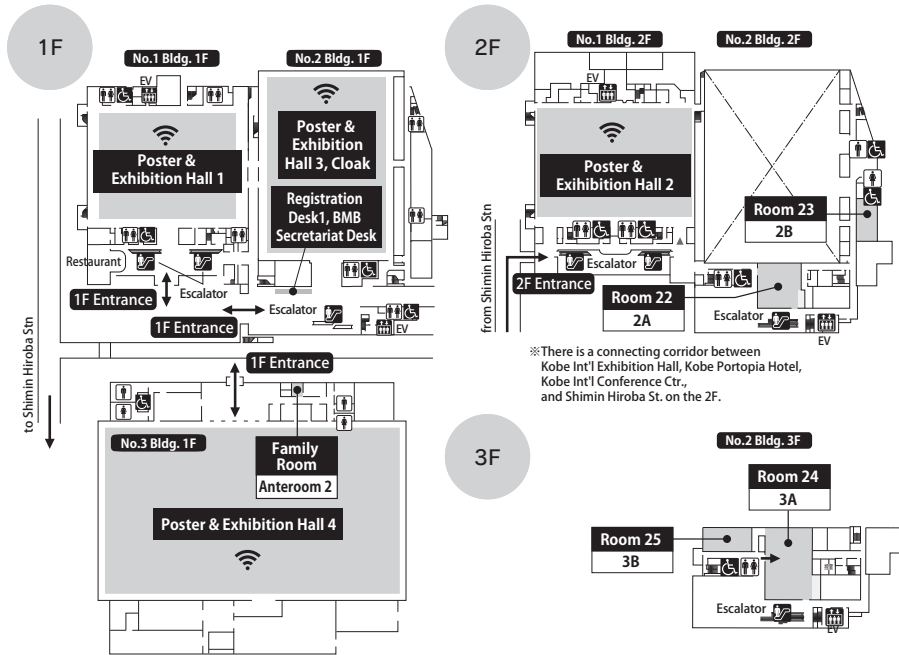


1F

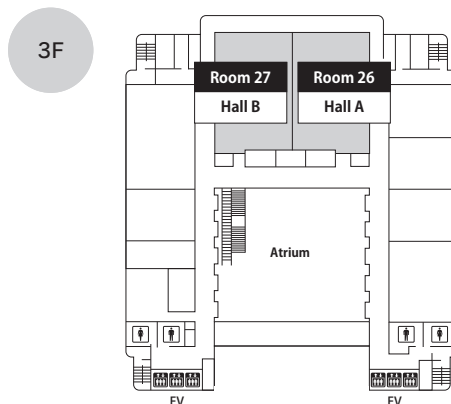




## Kobe Int'l Exhibition Hall



## Kobe Chamber of Commerce and Industry

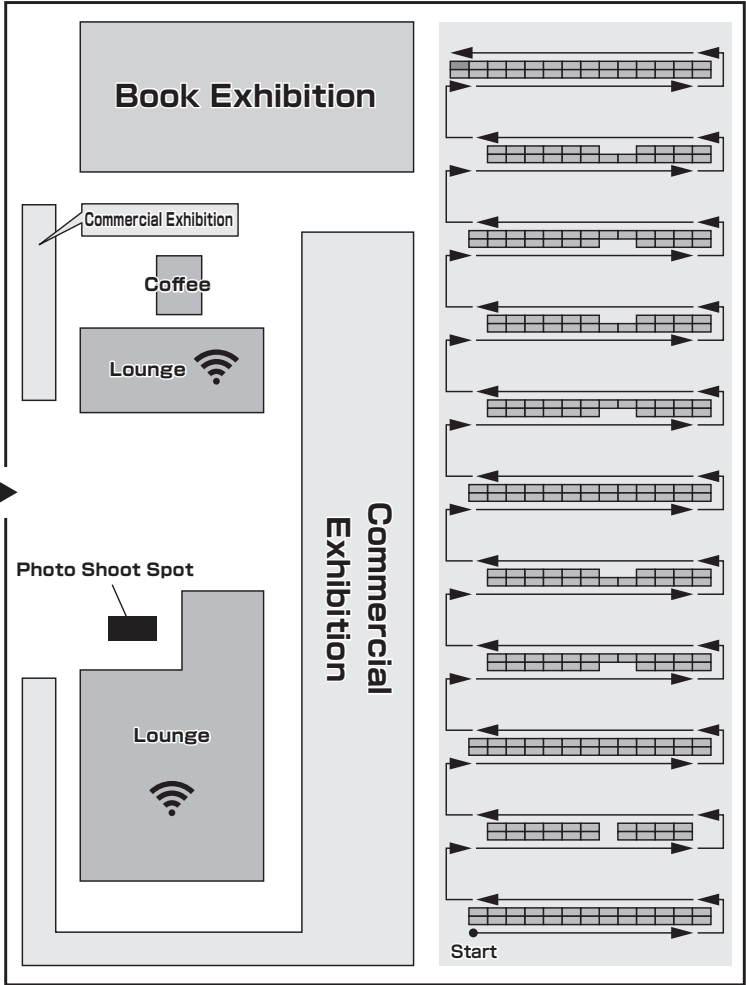


## Kobe Int'l Exhibition Hall No.1Bldg. 1F (Poster Hall 1)

**Wi-Fi Available Areas in Exhibition Hall**

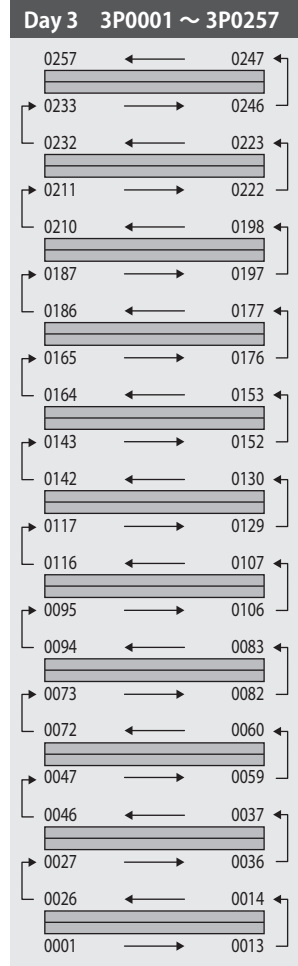
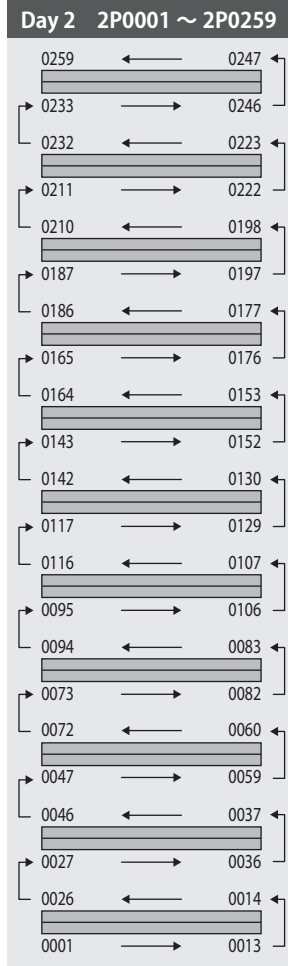
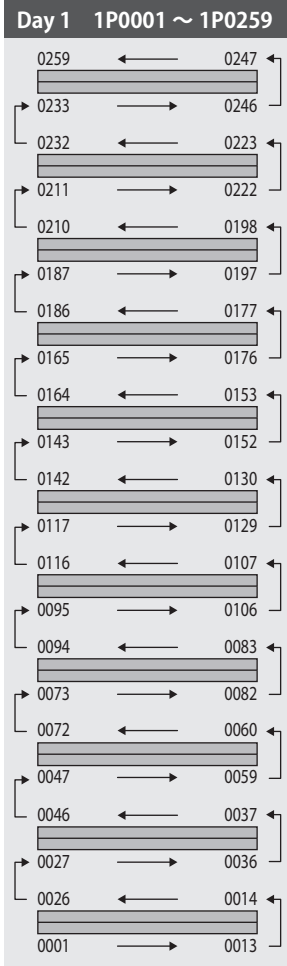
- Poster · Exhibition hall
- \*Wireless network can be unstable in some spots.
- \*Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

**Day 1** 1P0001~1P0259  
**Day 2** 2P0001~2P0259  
**Day 3** 3P0001~3P0257



## Kobe Int'l Exhibition Hall No.1Bldg. 1F (Poster Hall 1) Poster Layout

### [Cellular Structures and Functions, Cellular Response]



## Kobe Int'l Exhibition Hall No.1Bldg. 2F (Poster Hall 2)

**Wi-Fi Available Areas in Exhibition Hall**

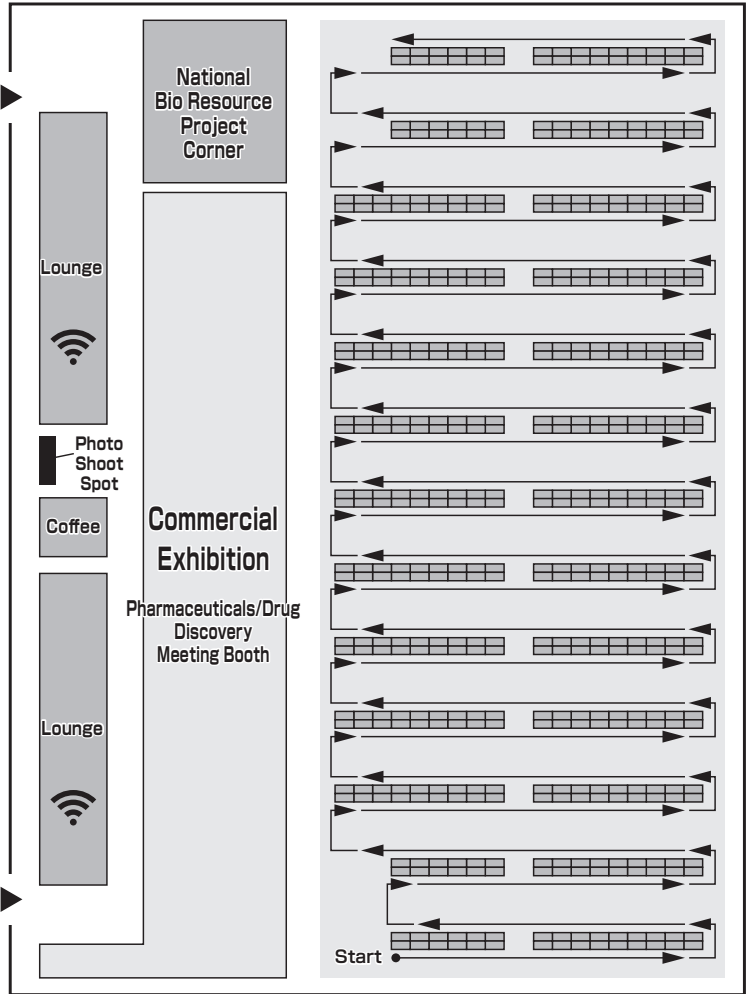
◎Poster · Exhibition hall

- ※Wireless network can be unstable in some spots.
- ※Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

**Day 1 1P0260~1P0555**

**Day 2 2P0260~2P0603**

**Day 3 3P0258~3P0577**



## Kobe Int'l Exhibition Hall No.1Bldg. 2F (Poster Hall 2) Poster Layout

[Glycobiology and Lipid Biology, Proteins, Enzymes, Redox and Bioenergetics, Plant Biology, Agrobiolgy, and Food Science]

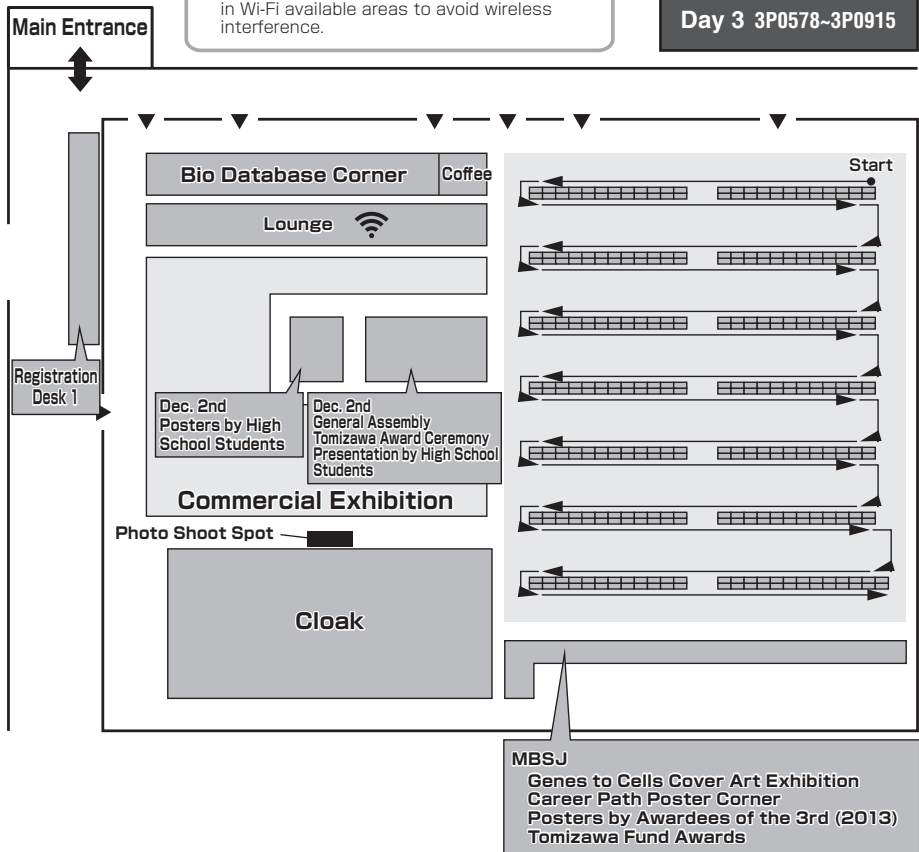
Day 1 1P0260 ~ 1P0555	Day 2 2P0260 ~ 2P0603	Day 3 3P0258 ~ 3P0577
<b>Late-breaking Abstracts</b>		
<p>1LBA122 → 1LBA127    1LBA128 → 1LBA130</p> <p>1LBA121 ← 1LBA113    1LBA112 ← 1LBA104</p> <p>1LBA088 → 1LBA096    1LBA097 → 1LBA103</p> <p>1LBA087 ← 1LBA079    1LBA078 ← 1LBA070</p> <p>1LBA053 → 1LBA060    1LBA061 → 1LBA069</p> <p>1LBA052 ← 1LBA044    1LBA043 ← 1LBA035</p> <p>1LBA019 → 1LBA027    1LBA028 → 1LBA034</p> <p>1LBA018 ← 1LBA010    1LBA009 ← 1LBA001</p>	<p>2LBA099 ← 2LBA095    2LBA094 ← 2LBA086</p> <p>2LBA070 → 2LBA076    2LBA077 → 2LBA085</p> <p>2LBA069 ← 2LBA061    2LBA060 ← 2LBA052</p> <p>2LBA034 → 2LBA042    2LBA043 → 2LBA051</p> <p>2LBA033 ← 2LBA028    2LBA027 ← 2LBA019</p> <p>2LBA001 → 2LBA009    2LBA010 → 2LBA018</p>	<p>3LBA138 ← 3LBA132    3LBA131 ← 3LBA123</p> <p>3LBA107 → 3LBA113    3LBA114 → 3LBA122</p> <p>3LBA106 ← 3LBA099    3LBA098 ← 3LBA090</p> <p>3LBA072 → 3LBA080    3LBA081 → 3LBA089</p> <p>3LBA071 ← 3LBA063    3LBA062 ← 3LBA055</p> <p>3LBA037 → 3LBA045    3LBA046 → 3LBA054</p> <p>3LBA036 ← 3LBA028    3LBA027 ← 3LBA019</p> <p>3LBA001 → 3LBA009    3LBA010 → 3LBA018</p>
<p>0548 → 0555</p> <p>0547 ← 0539</p> <p>0512 → 0520</p> <p>0511 ← 0503</p> <p>0476 → 0484</p> <p>0475 ← 0467</p> <p>0440 → 0448</p> <p>0439 ← 0431</p> <p>0404 → 0412</p> <p>0403 ← 0395</p> <p>0368 → 0376</p> <p>0367 ← 0359</p> <p>0332 → 0340</p> <p>0331 ← 0323</p> <p>0296 → 0304</p> <p>0295 ← 0287</p> <p>0260 → 0268</p>	<p>0603 ← 0602</p> <p>0584 → 0592</p> <p>0583 ← 0575</p> <p>0548 → 0556</p> <p>0547 ← 0539</p> <p>0512 → 0520</p> <p>0511 ← 0503</p> <p>0476 → 0484</p> <p>0475 ← 0467</p> <p>0440 → 0448</p> <p>0439 ← 0431</p> <p>0404 → 0412</p> <p>0403 ← 0395</p> <p>0368 → 0376</p> <p>0367 ← 0359</p> <p>0332 → 0340</p> <p>0331 ← 0323</p> <p>0296 → 0304</p> <p>0295 ← 0287</p> <p>0260 → 0268</p>	<p>0577 ← 0573</p> <p>0546 → 0554</p> <p>0545 ← 0537</p> <p>0510 → 0518</p> <p>0509 ← 0501</p> <p>0474 → 0482</p> <p>0473 ← 0465</p> <p>0438 → 0446</p> <p>0437 ← 0429</p> <p>0402 → 0410</p> <p>0401 ← 0393</p> <p>0366 → 0374</p> <p>0365 ← 0357</p> <p>0330 → 0338</p> <p>0329 ← 0321</p> <p>0294 → 0302</p> <p>0293 ← 0285</p> <p>0258 → 0266</p>
<p>0538 ← 0530</p> <p>0521 → 0529</p> <p>0502 ← 0494</p> <p>0485 → 0493</p> <p>0466 ← 0458</p> <p>0449 → 0457</p> <p>0430 ← 0422</p> <p>0413 → 0421</p> <p>0394 ← 0386</p> <p>0377 → 0385</p> <p>0358 ← 0350</p> <p>0341 → 0349</p> <p>0322 ← 0314</p> <p>0305 → 0313</p> <p>0286 ← 0278</p> <p>0269 → 0277</p>	<p>0574 ← 0566</p> <p>0557 → 0565</p> <p>0538 ← 0530</p> <p>0521 → 0529</p> <p>0502 ← 0494</p> <p>0485 → 0493</p> <p>0466 ← 0458</p> <p>0449 → 0457</p> <p>0430 ← 0422</p> <p>0413 → 0421</p> <p>0394 ← 0386</p> <p>0377 → 0385</p> <p>0358 ← 0350</p> <p>0341 → 0349</p> <p>0322 ← 0314</p> <p>0305 → 0313</p> <p>0286 ← 0278</p> <p>0269 → 0277</p>	<p>0572 ← 0564</p> <p>0555 → 0563</p> <p>0536 ← 0528</p> <p>0519 → 0527</p> <p>0500 ← 0492</p> <p>0483 → 0491</p> <p>0464 ← 0456</p> <p>0447 → 0455</p> <p>0428 ← 0420</p> <p>0411 → 0419</p> <p>0392 ← 0384</p> <p>0375 → 0383</p> <p>0356 ← 0348</p> <p>0339 → 0347</p> <p>0320 ← 0312</p> <p>0303 → 0311</p> <p>0284 ← 0276</p> <p>0267 → 0275</p>

## Kobe Int'l Exhibition Hall No.2 Bldg. 1F (Poster Hall 3)

**Wi-Fi Available Areas in Exhibition Hall**

- ◎Poster · Exhibition hall
- ※Wireless network can be unstable in some spots.
- ※Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

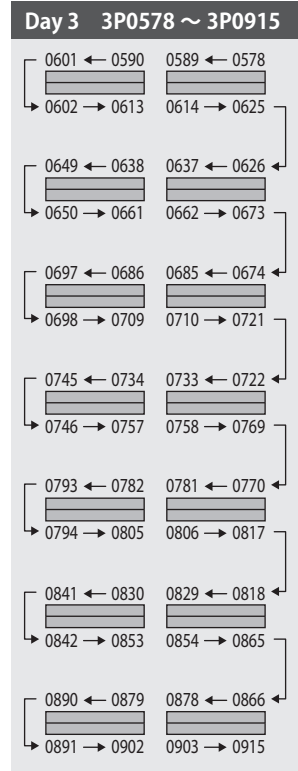
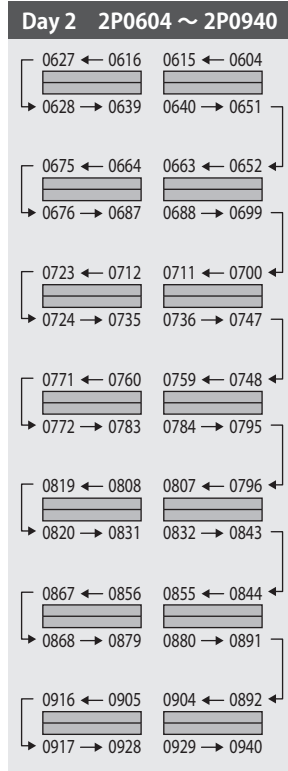
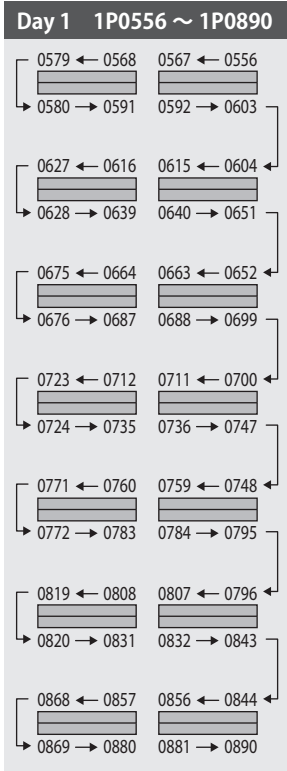
**Day 1 1P0556~1P0890**  
**Day 2 2P0604~2P0940**  
**Day 3 3P0578~3P0915**



**MBSJ**  
 Genes to Cells Cover Art Exhibition  
 Career Path Poster Corner  
 Posters by Awardees of the 3rd (2013) Tomizawa Fund Awards

## Kobe Int'l Exhibition Hall No.2 Bldg. 1F (Poster Hall 3) Poster Layout

### [Genome and Genetic Information, Biotechnology, Frontier Sciences and Evolution]



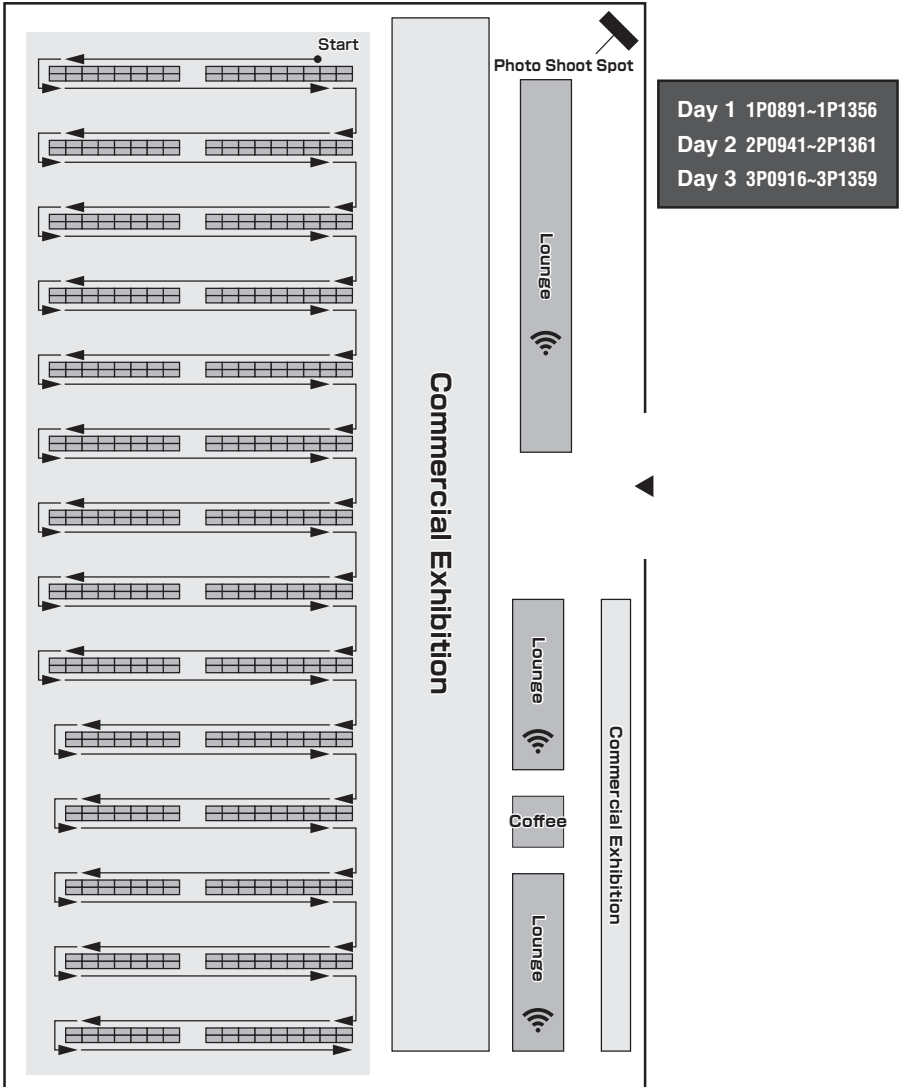
## Kobe Int'l Exhibition Hall No.3 Bldg. 1F (Poster Hall 4)

### Wi-Fi Available Areas in Exhibition Hall

○Poster · Exhibition hall

※Wireless network can be unstable in some spots.

※Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.





## Kobe Int'l Exhibition Hall No.3 Bldg. 1F (Poster Hall 4) Poster Layout

### [Development and Regeneration, Biology of Diseases, Neuroscience, Others]

Day 1 1P0891 ~ 1P1356	
0907 ← 0900	0899 ← 0891
0908 → 0915	0916 → 0924
0941 ← 0934	0933 ← 0925
0942 → 0949	0950 → 0958
0975 ← 0968	0967 ← 0959
0976 → 0983	0984 → 0992
1009 ← 1002	1001 ← 0993
1010 → 1017	1018 → 1026
1043 ← 1036	1035 ← 1027
1044 → 1051	1052 → 1060
1077 ← 1070	1069 ← 1061
1078 → 1085	1086 → 1094
1111 ← 1104	1103 ← 1095
1112 → 1119	1120 → 1128
1145 ← 1138	1137 ← 1129
1146 → 1153	1154 → 1162
1179 ← 1172	1171 ← 1163
1180 → 1187	1188 → 1196
1212 ← 1206	1205 ← 1197
1213 → 1219	1220 → 1228
1244 ← 1238	1237 ← 1229
1245 → 1251	1252 → 1260
1276 ← 1270	1269 ← 1261
1277 → 1283	1284 → 1292
1308 ← 1302	1301 ← 1293
1309 → 1315	1316 → 1324
1340 ← 1334	1333 ← 1325
1341 → 1347	1348 → 1356

Day 2 2P0941 ~ 2P1361	
0957 ← 0950	0949 ← 0941
0958 → 0965	0966 → 0974
0991 ← 0984	0983 ← 0975
0992 → 0999	1000 → 1008
1025 ← 1018	1017 ← 1009
1026 → 1033	1034 → 1042
1059 ← 1052	1051 ← 1043
1060 → 1067	1068 → 1076
1093 ← 1086	1085 ← 1077
1094 → 1101	1102 → 1110
1127 ← 1120	1119 ← 1111
1128 → 1135	1136 → 1144
1161 ← 1154	1153 ← 1145
1162 → 1169	1170 → 1178
1195 ← 1188	1187 ← 1179
1196 → 1203	1204 → 1212
1229 ← 1222	1221 ← 1213
1230 → 1237	1238 → 1246
1262 ← 1256	1255 ← 1247
1263 → 1269	1270 → 1278
1294 ← 1288	1287 ← 1279
1295 → 1301	1302 → 1310
1326 ← 1320	1319 ← 1311
1327 → 1333	1334 → 1342
1358 ← 1352	1351 ← 1343
1359 → 1361	

Day 3 3P0916 ~ 1P1359	
0932 ← 0925	0924 ← 0916
0933 → 0940	0941 → 0949
0966 ← 0959	0958 ← 0950
0967 → 0974	0975 → 0983
1000 ← 0993	0992 ← 0984
1001 → 1008	1009 → 1017
1034 ← 1027	1026 ← 1018
1035 → 1042	1043 → 1051
1068 ← 1061	1060 ← 1052
1069 → 1076	1077 → 1085
1102 ← 1095	1094 ← 1086
1103 → 1110	1111 → 1119
1136 ← 1129	1128 ← 1120
1137 → 1144	1145 → 1153
1170 ← 1163	1162 ← 1154
1171 → 1178	1179 → 1187
1204 ← 1197	1196 ← 1188
1205 → 1212	1213 → 1221
1237 ← 1231	1230 ← 1222
1238 → 1244	1245 → 1253
1269 ← 1263	1262 ← 1254
1270 → 1276	1277 → 1285
1301 ← 1295	1294 ← 1286
1302 → 1308	1309 → 1317
1333 ← 1327	1326 ← 1318
1334 → 1340	1341 → 1349
	1359
	1358 ← 1350



## Online Program Search & Abstract Browsing System

### ◆ How to access and login program search and abstract browsing system

Please access the program search and abstract browsing system via BMB2015 website.

**BMB2015 website: <http://www.aeplan.co.jp/bmb2015>**

**\*Available from November 16 (Mon), 2015.**

### **[For those who have completed advance registration]**

Logging in enables you to browse and download abstracts as well to search program, and to make your own customized “My schedule”. Enter your ID and PW.

(ID: your registered e-mail in advanced registration. PW: the secretariat will provide you.)

### **[For those who have not completed advance registration (including those who have registered but not yet paid the registration fee)]**

Program search is available without logging in but you cannot browse or download abstracts.

For those who register on-site, an ID and PW will be provided at the registration desk.

Those who will not attend the meeting but want to purchase an ID and PW, please contact the secretariat.

### **Use of the system at the meeting site**

Wireless internet access is available at the Poster & Exhibition Hall, Hall No. 1, 2, and 3 Building, Kobe International Exhibition Hall so that you can bring your own laptop and access to the online program search and abstract browsing system.

### **Use of the system by smartphones**

The system is optimized for smartphone, but not compatible with feature phone.

### ◆ How to install Program Search and Abstract Browsing app

Free to download from App Store, Google Play.

OS: iOS 6 or later (iPhone, iPad, iPod touch), Android 2.3 or later

**App name: BMB2015**

**Search word: bmb2015**

## Information for Participants

### 1. Registration

#### ◆ Registration

**On-site registration is available at 1F, Hall No. 2 Building, Kobe International Exhibition Hall (Registration Desk 1) or B1F, Main Building, the Portopia Hotel (Registration Desk 2).**

Residents of Japan who have already completed advance registration with a full payment of the registration fee by the due date will receive a name badge by postal mail in November, thus you do not need to stop by at the Registration Desk. Please be sure to wear your name badge when entering the meeting site. Overseas residents who have already completed advance registration with a full payment of the registration fee by the due date should go first to the General Information Desk to receive your name badge.

#### ◆ Registration Desks

	Location	Open Hours	Details
Registration Desk 1	Foyer, 1F, Hall No. 2 Building, Kobe International Exhibition Hall	Dec. 1 - 3 8:00 - 17:30 (Closed on Dec. 4)	On-site registration General information MBSJ/JBS membership registration Accommodation, etc.
Registration Desk 2	Foyer, B1F, Main Building, Portopia Hotel	Dec. 1 - 4 8:00 - 16:15	Dec. 1 - 3: On-site registration Dec. 4: On-site registration General information MBSJ/JBS membership registration

#### ◆ On-site Registration Fees

Regular member	Student member	Non-member	Undergraduate student (Regardless of membership)
JPY11,500 (non-taxed)	JPY6,500 (non-taxed)	JPY14,500 (tax-included) *Not incl. Program booklet	JPY 0 with Student ID. *Not applicable to Graduate Students

\*Payment by cash and credit card (VISA or MasterCard only) is acceptable.



## ◆ Name Badge

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Please be sure to wear your name badge showing your name and affiliation while you are at the BMB2015. No entry without name badge is acceptable. (except for Open Lecture on Dec. 4 (Fri))

## ◆ Abstracts

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The abstracts will be released only on the online system, no booklets or CD-ROM will be issued.

The registrants can search, browse, and download the abstracts with their ID and password on the BMB2015 website.

If you wish to purchase only online abstracts access, please contact the secretariat by e-mail. ([bmb2015@aeplan.co.jp](mailto:bmb2015@aeplan.co.jp))

## ◆ Program Booklet

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The program booklet will be sent to MBSJ members from both inside and outside Japan or to JBS members living in Japan by each society. (If you belong to both societies, MBSJ will send the booklet.)

For JBS members coming from overseas, JBS will contact each member about the program booklet, so please await their information.

For non-members living in Japan & purchasing the program booklet, the booklet will be sent together with the name badge in November. Non-members coming from overseas & purchasing the program booklet will be handed the booklet together with the name badge on-site at the Registration Desk 1 (Desk 2 on Dec. 4).

Program booklets are also available for purchase for JPY 3,000 (per a copy / including tax) at the registration desk 1 (Desk 2 on Dec. 4) as long as it is left.



## ◆ Membership Application and Payment (MBSJ/JBS Desk)

The payment for MBSJ/JBS annual membership fee can be made at MBSJ/JBS Desk. Please visit for the payment if you have not yet paid. The membership application is also available.

Date	Location
Dec. 1 - 3	Next to Registration Desk 1 (Foyer, 1F, Hall No. 2 Building, Kobe International Exhibition Hall)
Dec. 4	Next to Registration Desk 2 (Foyer, B1F, Main Building, Portopia Hotel)

### Note of JBS annual membership fee

Please note that you will be asked to pay 2015 annual fee even if you join the member after September 2015. (Membership fee cannot be paid by month). Also note that those who have not completed payment for past membership fees, will be asked to pay previous balance.

If you register as a regular member or graduate student member, or you are a presenter of poster presentation, you must be a JBS member and complete the payment for 2015 annual fee.

2015 Annual Fee (Jan.-Dec. 2015) ■Regular member: JPY 7,500 ■Graduate Student member: JPY 3,000

You can purchase printed version of 2015 "Journal of Biochemistry" for JPY 2,160 (tax included).

"Journal of Biochemistry" has become bimonthly journal and uploaded on the website starting from 2014. JBS members have complete access to this website free.

## 2. Luncheon Seminar

The lunch tickets will be distributed as follows:

**Location: In front of each luncheon seminar room**

**Distribution time: 12:15 ~ \*close as all the tickets are distributed**

### ◆ Attention

The lunch tickets or advance reservations of luncheon seminar are invalid after the starting time of the seminars, 12:45. Lunch tickets holders or those who made advance reservation of luncheon seminar should receive lunch boxes at the seminar room by then. Please be aware that if you are late, lunch will be provided to those who are attending the seminar without lunch tickets.

### ◆ Attending the Luncheon Seminar after the ticket distribution

Please come to each seminar room directly. Please be kindly informed that there will be no lunch provided in this case. (Lunch will be provided if there is any left.)



## 3. Light meal before Oral Presentation on Dec. 4 (11:45 - 13:45)

Light meals will be provided in front of seminar rooms before oral presentation on Dec. 4 on a first-come, first-serve basis.

## 4. Program

### ◆ MBSJ & JBS Collaboration Seminar

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Date & Time: Dec. 1 (12:40 - 13:45)

Place: International Conference Room, 3F, Kobe International Conference Center

### ◆ MBSJ Career Path Seminar

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Date & Time: Dec. 2 (12:40 - 13:45)

Place: International Conference Room, 3F, Kobe International Conference Center

### ◆ Open Lecture

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Date & Time: Dec. 4 (16:45 - 18:45)

Place: Main Hall, 1F, Kobe International Conference Center

### ◆ Forums on Research Ethics

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Date & Time: Dec. 1 (18:45 - 20:45)

Place: Main Hall, 1F, Kobe International Conference Center

### ◆ Symposium on Drug Discovery

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Date & Time: Dec. 2 (14:00 - 16:30)

Place: Main Hall, 1F, Kobe International Conference Center

### ◆ Technical Workshop

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Workshop co-organized by BMB2015 & Shimadzu Corporation

Date & Time: Dec. 3 (14:00 - 16:30)

Place: Sapphire, B1F, South Wing, Kobe Portopia Hotel

### ◆ Discussion for Japanese Science

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Date & Time: Dec. 3 (18:45 - 20:45)

Place: Main Hall, 1F, Kobe International Conference Center

### ◆ Presentation by High School Student

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Date & Time: Dec. 2 (16:45 - 18:45)

Place: Poster & Exhibition Hall 3, 1F, Hall No. 2 Building, Kobe International Exhibition Hall



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## ◆ CSHA session

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Session co-organized by BMB2015 & Cold Spring Harbor Asia

Date & Time: Dec. 4 (14:00 - 16:30)

Place: Kikusui, B1F, Mail Building, Kobe Portopia Hotel

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## ◆ Special Program "National Bio Resource Project (NBRP)" & "Bio database corner"

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Date: Dec. 1 - 3

Place: Poster & Exhibition Hall

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## ◆ Discussion booths with pharmaceutical companies

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Companies: Ajinomoto Pharmaceuticals Co., Ltd., Astellas Pharma Inc.,  
Shionogi & Co., Ltd., Daiichi Sankyo Company, Limited,  
Sumitomo Dainippon Pharma Co., Ltd.

Date: Dec. 1 - 3

Place: Foyer, 3F, Hall No. 3 Building / Poster & Exhibition Hall, 2F, Hall No. 1 Building,  
Kobe International Exhibition Hall

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## ◆ Commercial Exhibition – Exhibition of Machineries, Reagents, Publications

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The exhibitions of machineries, reagents, and publications related molecular biology research will be held at the Exhibition Hall with numbers of interesting booths. Please complete the registration procedure even if only for attending the exhibition.

**Date & time: Dec 1 - 3 10:00 - 18:45**

**Place: Hall No.1, 2 & 3 Building, Kobe International Exhibition Hall**

## 5. Services & Facilities

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### ◆ Snacks·Drinks

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Drinks are available at each Poster & Exhibition Hall.

Snacks are available in front of the entrance of Hall No. 1 Building, Kobe International Exhibition Hall.

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### ◆ Paging Service·Bulletin Board

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No paging service is available to call an individual except for an emergency. Please use a bulletin board in front of the registration desk in order to communicate with the other participants.

**◆ Cloaks**

Cloaks are available as follows. No valuable or computer can be checked in to the cloak since the society/meeting does not hold any responsibility for loss or damage of your items.

Location	Open Hours
1F, Main Building, Portopia Hotel	Dec. 1 - Dec. 4 8:00 - 19:00
1F, Hall No. 2 Building, Kobe International Exhibition Hall	Dec. 1 - Dec. 3 8:00 - 19:00 *Closed on Dec. 4
B1F, Kobe International Conference Center	Dec. 4 8:00 - 19:00

**◆ Internet**

Wireless internet access is available at the Poster & Exhibition Hall, Hall No. 1, 2, and 3 Building, Kobe International Exhibition Hall for you to use own laptop.

**◆ Travel Desk**

Travel Desk by JTB Corp. is located near Registration Desk 1 (Foyer, 1F, Hall No. 2 Building, Kobe International Exhibition Hall) to help you to find accommodations and transportations.

**◆ Parking**

Parking is available as follows. Participants are encouraged to use public transportation due to the limited number of the parking lots.

Parking	Open Hours	Parking Fee	Capacity
East Temporary Parking space	7:30 - 21:30	JPY700 / day	194 cars
West Temporary Parking space	7:30 - 21:30	JPY700 / day	449 cars
South Temporary Parking space	7:30 - 21:30	JPY700 / day	496 cars
Port Island Sewage Farm Rooftop Parking	24 hours	JPY100 / hour Up to JPY700 by 21:30pm	259 cars
Kobe International Exhibition Hall Underground Parking	7:00 - 22:00	JPY 300 for the first 2 hours JPY 450 for the first 3 hours JPY 600 for the first 4 hours JPY750 / day	200 cars
Shimin-Hiroba Underground Parking	7:30 - 22:00	JPY150 / hour	186 cars





## ◆ ATM

There are banks, post office and ATM around the conference venue. Please refer to the area map on page 12.

## ◆ Business Center (courier, copy, fax)

The business center is located in the office on 2F of Kobe International Exhibition Hall. Copy, Fax, PC output are provided with a charge. Courier service (Yamato Transport) is also provided.

## ◆ Convenience Store

There are convenience stores (LAWSON, Family Mart), supermarket (Daiei) around the conference venue. Please refer to the area map on page 12.

## 6. Information for Participants with Children

### ◆ Childcare Room

The childcare room by babysitting company is available at the meeting site.  
(Pay service, advance application required.)

- Open hours: Dec. 1 - 4 8:30 - 19:30
- Location: For security reasons, only parents and guardians using the childcare room will be informed of its location.
- Age limitation: 8 weeks old - 12 years old
- Babysitting company: ALPHA Corporation Inc.
- Fee: JPY400/hour
  - \*Payment can be made in cash when you leave your child.
  - \*As staff will be arranged upon application, full amount will be charged even in the case of last-minute cancellation or shortening of use. Also, extra charge will be charged for extended use.
- A lunch with beverage for your child will be available as follows.  
Fee: JPY 700 / lunch with beverage

---Menu---

- Dec. 1: Hamburger and fried shrimps
- Dec. 2: Chicken soboro and sausage
- Dec. 3: Rice balls
- Dec. 4: Sandwiches

\*\*\*Note for lunch\*\*\*

\*Over 2 years old only

\*Not available to provide allergy-free meals

\*Cancellation deadline: Nov. 24 (Tue)

(In case of cancellation after the deadline, we will charge the full amount of lunch fees.)

\*Payment can be made in cash along with babysitting fee.



- How to apply: Please email directly to the babysitting company ALPHA Corporation INC. including the necessary information below.

**E-mail:** yoyaku@alpha-co.com  
**Subject:** BMB2015 childcare reservation  
**Necessary Info.**  
 1) Parent's / Participant's name, affiliation  
 2) Child's name, age, sex  
 3) Date and time of use  
 4) Special notes on taking care of your child (if any)  
 5) Lunch: Yes / No  
     If Yes, please specify below;  
         Lunch order date  
         Qty of lunch:  
         Name of child:

- Application deadline: Nov. 20 (Fir), 2015
- Application & Inquiry to:  
 ALPHA Corporation INC. Tel: +81-3-5772-1222 / Fax +81-3-5772 1224  
 Note: Though the babysitting company's insurance will cover damages of unexpected accidents within the coverage limit, MBSJ, JBS and BMB2015 will not take any responsibility for any accidents at the nursery.

## ◆ Family Room

The Family Room is available for parents or guardians to relax with and eat together with, nurse their children or change diapers. Also nursing space is available free of charge at any time during the meeting. Please note there is no staffs in this room, so children must be accompanied at all times by parents or guardians. Please note that MBSJ, JBS and BMB2015 will not take any responsibility for any accidents at the nursery.

Location	Open Hours
Room 407, 4F, Kobe International Conference Center	Dec. 1 - Dec. 4 8:00 - 19:00
Anteroom 2, 1F, Hall No. 3 Building, Kobe International Exhibition Hall	Dec. 1 - Dec. 3 8:00 - 19:00 *Closed on Dec. 4



## 7. Prohibitions

### ◆ Photography · Recording

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No photography and recording with camera, video, cellphone and any device is allowed at the meeting site.

### ◆ Cellphone use

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Talking on the cellphone in the lecture/presentation rooms is not accepted. Please set your cellphone on the silent mode and make sure it will not make a noise during lectures/presentations.

### ◆ Smoking

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Smoking is prohibited in all area except for the separate smoking spots.



## Information for Organizers and Presenters

### For Organizers of Symposium / Workshop / Forum

#### 1. Arrival

Please come to the “Time Keeper’s Desk” at the right-front of the room and let the staff know of your arrival by 15 minutes before the starting time.

#### 2. Process and Timing

The organizers are expected to ensure that all presentations start and finish punctually as scheduled. If there is any change in the programs, please let the staff know.

Staff will assist with timing. If there is no request, remaining time will be notified with bell signals as follows;

- 1 ring:** 2 minutes to the end of lecture/presentation
- 2 rings:** End of presentation - Start of discussion
- 3 rings:** End of discussion - Time for next presentation

### For Presenters of Symposium / Workshop / Forum

#### 1. Language of Lecture / Presentation

Language of lectures in symposia is English.

Language of lectures in workshops differs depending on each theme. (Language of each workshop is indicated in “Program at a Glance” on page 4 - 11)

Please prepare your slides for Symposia/Workshops in English, and for forums in Japanese.

#### 2. Time Allocation

Please be aware that the time allocation for presentation and discussion differs depending on each presentation. Staff will assist with timing. If there is no request, remaining time will be notified with bell signal as follows;

- 1 ring:** 2 minutes to the end of lecture/presentation
- 2 rings:** End of presentation - Start of discussion
- 3 rings:** End of discussion - Time for next presentation

#### 3. Presentation Method

Presentations are to be given with your own laptop. Please do not forget to bring your laptop.

※ No sound output is available. (Please refer to “Technical requirements for your laptop” on the next page.)

#### 4. Preview

Please bring your laptop at “Preview Desk” in the room by 15 minutes before your presentation.

## For Presenters of Oral Presentations

### 1. Presentation Language

Japanese or English (by presenter's choice)

### 2. Time Allocation

Each presenter has 10 minutes for presentation (8 minutes for presentation and 2 minutes for discussion).

The bell signals are given as follows;

- 1 ring:** 2 minutes to the end of presentation
- 2 rings:** End of presentation - Start of discussion
- 3 rings:** End of discussion - Time for next presentation

### 3. Presentation Method

Presentations are to be given with your own laptop. Please do not forget to bring your laptop.

※ No sound output is available. (Please refer to “Technical requirements for your laptop” below.)

### 4. Preview

Bring your computer to “Preview Desk” in the presentation room by 20 minutes before your presentation.

[Technical requirements for your laptop]

- Ensure that your computer is equipped with the proper monitor connector (D-sub 15 pin) as shown below. If your computer does not have this connection, please bring an appropriate converter with you.
- Be sure to bring an AC adaptor. Please note that voltage in Japan is 100V and the frequency ranges 50 - 60 Hz depending on the area (60Hz in Kobe). The socket is type A, which has two flat plug holes. If your laptop is not convertible, transformers and/or plug adaptors are necessary.
- **Please deactivate the screen-saver and power saving mode of your laptop.**
- Display, computer mouse, and slide operating switch will be prepared on the podium for you to operate by yourself.



**D-sub 15 pin**



**Monitor connector**

**For Poster Presenters****1. Periods of Poster Display**

Each poster will be posted for one day from Dec. 1 to 3. Please set up your poster in the morning of your presentation day.

**2. Posting, Presentation, Discussion, Removal**

Please stand by your poster and respond to questions and discuss during the presentation and discussion time. Please wear a yellow ribbon indicating a poster presenter on your chest.

<b>Posting</b>	8:00 - 10:00	
<b>Presentation / Discussion</b>	Odd number	16:45 - 17:45
	Even number	17:45 - 18:45
<b>Removal</b>	18:45 - 19:00	

**3. Posting Information****<Location>**

The last 4-digit of presentation number is on the upper left of each panel. Please use the panel that matches your presentation number. Push pins are prepared at each panel. Please refer to the poster / exhibition layout (on page 16 - 23) to find your panel.

**<Panel size>**

Each panel space available is 120 cm wide x 150 cm high. Please indicate your presentation title, author(s), and affiliation(s) on top of the poster. Your presentation title, author(s), and affiliation(s) must be written big enough to see from 5 meters away.

**<Mark for the presenter>**

Please put a small circle on the upper left of the presenter's name.

**<Language>**

Poster is recommended to be written in English. Presentation and discussion can be made in either English or Japanese. For posters written in Japanese, English information must be also provided for title, presenter's name and affiliation.

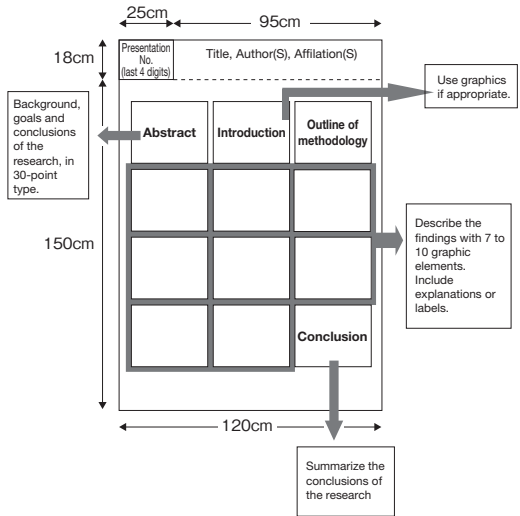
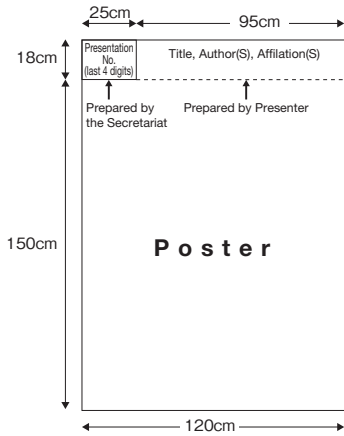
**<Text size>**

Text on the poster should be as large as you can read from 2 meters away. Please create the figures and charts as large as possible.

**<Removal>**

Please remove your poster by yourself when the presentation time is over. We do not keep or return any of the posters left.

## <Example>









BMB IS GONNA BE  
THE PROTEIN  
FOR MY RESEARCH  
WORK !



COOL! I AM GOING  
TO BMB. CAN'T WAIT TO  
MEET THE AMAZING  
RESEARCHERS THERE



# BMB2015

Biochemistry and Molecular Biology