



# The 39th Annual Meeting of The Molecular Biology Society of Japan

## MBSJ 2016 PROGRAM

**November 30 (Wed) – December 2 (Fri), 2016**

**President: Hidenori Ichijo** (The University of Tokyo)

**Venue: Pacifico Yokohama**

<http://www.aeplan.co.jp/mbsj2016>





## **The 39th Annual Meeting of The Molecular Biology Society of Japan**

Period: November 30 (Wed) – December 2 (Fri), 2016

Venue: Pacifico Yokohama

President: Hidenori Ichijo (The University of Tokyo)

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# Schedule Overview

	8	9	10	11	12	13	14	15	16	17	18	19	20	
Nov.30 (Wed)	Plenary Morning Seminar 8:00 8:45	Symposia 9:00-11:15			Bio-tech Seminar 11:55-12:45		Symposia 13:00-15:15					Forums 18:15-19:45		
	Set Up				Luncheon Career Path 11:30-12:45				Free Discussion 15:30 16:15	Poster Discussion 16:15-17:30	Free Discussion 17:30-18:00	Removal		
Exhibition of Instruments, Reagents & Publications, etc. 10:00-18:00														
Dec. 1 (Thu)	Plenary Morning Seminar 8:00 8:45	Symposia 9:00-11:15			Bio-tech Seminar 11:55-12:45		Symposia 13:00-15:15					Forums 18:15-19:45		
	Set Up				Luncheon Career Path 11:30-12:45				Free Discussion 15:30 16:15	Poster Discussion 16:15-17:30	Free Discussion 17:30-18:00	Removal	Forum on Research Ethics 18:15-19:45	
Exhibition of Instruments, Reagents & Publications, etc. 10:00-18:00														
Dec. 2 (Fri)	Plenary Morning Seminar 8:00 8:45	Symposia 9:00-11:15			Bio-tech Seminar 11:55-12:45		Symposia 13:00-15:15					Open Lecture 18:15-20:15		
	Set Up				General Assembly & Tomizawa Award Ceremony 11:30-12:45					Presentation by High School Students		Free Discussion 15:30 16:15	Poster Discussion 16:15-17:30	Free Discussion 17:30-18:00
Exhibition of Instruments, Reagents & Publications, etc. 10:00-18:00														

Building	Floor	Venue	Room	8:00-8:45	9:00-11:15	
Pacifico Yokohama Conference Center	1F	Room 1	Main Hall		[1AS1]Therapeutic targets of cancer deciphered through genome analyses Hiroyuki Mano <b>J</b>	
	2F	Room 2	211+212		[1AS2]Significance of pericyte in basic and applied research Koichi Nishiyama / Seiji Yamamoto <b>J</b>	
	3F	Room 3	301		[1AS3]Epitranscriptome regulation by RNA modifications Kazuhiko Igarashi <b>E</b>	
		Room 4	302		[1AS4]New Era of Membrane Traffic Research Ken Sato <b>J</b>	
		Room 5	303		[1AS5]Battlefield inside the cell: Survival strategies of pathogens and hosts through post-transcriptional gene regulation Shin-ichi Hoshino / Nobuyoshi Akimitsu <b>J</b>	
		Room 6	304		[1AS6]Quality of lipids in biological systems Makoto Arita / Takehiko Sasaki <b>E</b>	
		Room 7	311+312		[1AS7]Maintenance of cellular homeostasis through dynamic control of the central dogma Mariko Okada / Shinya Kuroda <b>J</b>	
		Room 8	313+314		[1AS8]Molecular mechanism of thermal dynamics Takeshi Inagaki / Haruya Ohno <b>J</b>	
		Room 9	315		[1AS9]Germline mutations and organism evolution Arikuni Uchimura / Yoichi Gondo <b>J</b>	
		4F	Room 10	411+412		[1AS10]Molecular Mechanisms and Regulations for Construction and Structural Changes of Chromosomal Replication Machinery Tsutomu Katayama / Toshiki Tsurimoto <b>J/E</b>
	Room 11		413		[1AS11]Negative regulonomics, a survival strategy of plants using negative regulations Masaru Ohme-Takagi / Yuichiro Watanabe <b>J</b>	
	Room 12		414+415		[1AS12]Diverse functions of Wnt signaling in our life Tohru Ishitani / Tadasuke Tsukiyama <b>E</b>	
	Room 13		416+417		[1AS13]Chromatin events governing development, senescence and diseases Chikashi Obuse / Noriko Saitoh <b>J</b>	
	Room 14		418		[1AS14]Toward the next generation of structural biology Umeharu Ohno / Hideki Shigematsu <b>J</b>	
	Room 15		419		[1AS15]New perspectives on developmental mechanisms and disease models Masami Kanai-Azuma / Isao Matsuo <b>J</b>	
	5F		Room 16	501		[1PL16]TGF- $\beta$ family signaling and progression of cancer: Its pleiotropic functions and clinical application Speaker:Kohei Miyazono Chair:Hidenori Ichijo <b>J</b>
		Room 17	502		[1PL17]Biology of Time: Humanization of entire murine tau gene for a better model of Alzheimer's disease Speaker:Takaomi C. Saido Chair:Taisuke Tomita <b>J</b>	[1AS17]Development of regenerative medicine for nervous systems based on basic sciences Kinichi Nakashima <b>J</b>
		Room 18	503		[1PL18]Exploiting Cancer Cells Vulnerabilities Speaker:Tak Wah Mak Chair:Hitoshi Okada <b>E</b>	[1AS18]Senescence-associated secretory phenotype (SASP):old and new research on cellular senescence Eiji Hara <b>E</b>
		Room 19	511+512			[1AS19]Research frontiers in neurodegenerative diseases: reconsidering the implication of protein degradation Shuji Wakatsuki / Gen Matsumoto <b>J</b>
	Exhibition Hall	1F	A+B+C			Poster Exhibition
					Exhibition of Instruments, Publications 10:00-18:00	

<Session Numbers> Date+ AM/PM(A / P)+ Session + Room No.

<Session> PL=Plenary Morning Seminar, S=Symposium, F=Forum, BT=Bio-tech seminar  
(ex.) 2AS13:Day 2•AM•Symposium•Room13

<Language> **J** Japanese • **E** English • **J/E** Japanese and English (depending on speakers)

11:55-12:45	13:00-15:15	15:30-18:00	18:15-19:45
	[1PS1]Disease research using iPSC technology Haruhisa Inoue <b>J</b>		
	[1PS2]Pulmo-modulatory factors affecting the molecular pathogenesis of refractory lung diseases Tsu Yoshi Shuto /Satomi Kita <b>E</b>		
Career Path Luncheon Seminar (11:30-12:45)	[1PS3]Dissecting CpG islands Haruhiko Koseki <b>E</b>		[1F3]Utilizing bioresource and database offers a new avenue for next-step molecular biology Takeru Nakazato / Yukiko Yamazaki
[1BT4] Sysmex Corporation	[1PS4]Small RNAs and Cellular Events Mikiko C. Siomi / Qinghua Liu <b>E</b>		[1F4]Science Communication Skills Training Programs Kei Kano / Mikihiro Tanaka
[1BT5] Goryo Chemical, Inc.	[1PS5]Decoding metadata that regulates the fate of mRNAs Yukio Kawahara / Yuichiro Mishima <b>J</b>		[1F5]The Frontiers of multi-spectrum omics uncover biological phenomena beyond development and disease Tsu Yoshi Osawa / Teppei Shimamura
[1BT6] Leica Microsystems K.K.	[1PS6]Organellophagy: the significance and mechanisms of organelle destruction by autophagy Hitoshi Nakatogawa <b>J</b>		[1F6]Story of cholesterol Takaki Hiwasa / Tomohito Hamazaki
	[1PS7]Application of the informatics and databases for the comprehensive data by mass spectrometry to obtain an overhead view of the biology Norie Araki / Shin Kawano <b>J</b>		[1F7]How can you develop your career as a PhD? -Role models for PhDs of bio-life science- Hidekazu Hiroaki
	[1PS8]Frontiers of Hypoxia Biology: molecular mechanisms of hypoxic response and its role in diseases Koh Nakayama / Shuhei Tomita <b>J/E</b>		[1F8]Morphological basis for cerebellar circuit development, maintenance, and regeneration Masako Osumi / Susumu Kawamoto
[1BT9] BEX CO.,LTD.	[1PS9]Nutri-developmental biology: dietary responses governing animal growth, disease, and homeostasis (supported by SPIRITS of Kyoto University) Yuko Shimada / Tadashi Uemura <b>E</b>		[1F9] Leica Microsystems K.K.
	[1PS10]Understanding of nuclear function by live imaging of chromatin dynamics Masaru Ueno / Hiroshi Ochiai <b>E</b>		
	[1PS11]Horizontal transfer of genetic information Kenji Kojima <b>J</b>		
	[1PS12]Biology of higher-order assembled structures in cells Atsushi Suzuki / Michiru Nishita <b>J</b>		[1F12] Carl Zeiss Microscopy Co., Ltd
	[1PS13]Cell fate regulation by RNA binding proteins in development and disease Takahiro Ito / Masato Yano <b>J/E</b>		
	[1PS14]Structure, function, and evolution of multisubunit complexes Naruhiko Adachi / Masami Horikoshi <b>J</b>		
	[1PS15]New aspects in mammalian sex differentiation and reproduction Maki Fukami / Shuji Takada <b>J</b>		
[1BT16] Funakoshi Co., Ltd.	[1PS16]Cell competition - its implication in various physiological and pathological processes Yasuyuki Fujita <b>E</b>		
[1BT17] Novartis Pharma K.K.	[1PS17]Advances in genome editing technology and its application in various fields Takashi Yamamoto <b>J</b>		
[1BT18] TAKARA BIO INC.	[1PS18]Stem Cell Aging: A Key to Understand Tissue/Organ Aging Emi Nishimura <b>J</b>		
	[1PS19]Childhood diseases: Molecular insights on their diversity and commonality Kenji Miyado / Kazuhiko Nakabayashi <b>J</b>		
	Poster Exhibition	Poster & Discussion 15:30-18:00 ※Core time 16:15-17:30	
	Exhibition of Instruments, Publications 10:00-18:00		

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(ex.) 2A513:Day 2-AM-Symposium-Room13

<Language> **J** Japanese • **E** English • **J/E** Japanese and English (depending on speakers)

Building	Floor	Venue	Room	8:00-8:45	9:00-11:15
Pacifico Yokohama Conference Center	1F	Room 1	Main Hall		[2AS1] "Neo"-taxonomy of non-coding RNAs: classification and prediction of molecular functions Yukihide Tomari <b>E</b>
	2F	Room 2	211+212		[2AS2] Molecular and Physiological Basis of Zinc Signaling in vivo and in vitro Toshiyuki Fukada / Taiho Kambe <b>E</b>
	3F	Room 3	301		[2AS3] The cutting edge of stem cell & cancer research Atsushi Hirao <b>E</b>
		Room 4	302		[2AS4] Immunological tolerance and homeostasis Shohei Hori <b>E</b>
		Room 5	303		[2AS5] Cellular and Molecular Dynamics for Morphogenesis Erina Kuranaga <b>E</b>
		Room 6	304		[2AS6] Multi-omics for dissecting heterogeneity in organisms Jun Sese/ Akira Watanabe <b>J/E</b>
		Room 7	311+312		[2AS7] Spatio-temporal analyses of life phenomena based on big data Kei Yura / Koji Nagata <b>J/E</b>
		Room 8	313+314		[2AS8] Oragnelle dynamics revealed by protein and lipid trafficking Toshiya Endo / Thomas Langer <b>E</b>
		Room 9	315		[2AS9] Cutting edge of in vitro models for studying the human molecular developmental biology Yasuyuki S. Kida / Jun K. Takeuchi <b>J/E</b>
		Room 10	411+412		[2AS10] Neural basis for adaptation to the environments Yoshitaka Fukada / Kazuo Emoto <b>J</b>
	4F	Room 11	413		[2AS11] Search the unknown function through entire genomic information of microorganisms Yutaka Kawarabayasi / Seiki Kuramitsu <b>J</b>
		Room 12	414+415		[2AS12] Cell geometry: diversity, function and mechanism Shigeo Hayashi / Takaki Miyata <b>E</b>
		Room 13	416+417		[2AS13] Omnipresence of TOR Tatsuya Maeda / Takashi Ushimaru <b>E</b>
		Room 14	418		[2AS14] Recent progress in understanding eukaryotic intracellular protein behaviours through in situ structural biology Yutaka Ito / Takanori Kigawa <b>J/E</b>
		Room 15	419		[2AS15] Temporal information coding systems in signal transduction Taichiro Tomida / Katsuyuki Kunida <b>J</b>
		5F	Room 16	501	[2PL16] The Ubiquitin Proteolytic System - From Basic Mechanisms thru Human Diseases and onto Drug Development Speaker: Aaron Ciechanover Chair: Kazuhiro Iwai <b>E</b>
	Room 17		502	[2PL17] Will theoretical studies contribute to biology and life sciences? Speaker: Yoh Iwasa Chair: Masayuki Miura <b>J</b>	[2AS17] Unidentified functions of the genome Fumitoshi Ishino <b>E</b>
	Room 18		503	[2PL18] New strategies for uncovering how chromosomes are segregated during mitosis: a single molecule approach Speaker: Charles L. Asbury Chair: Tatsuo Fukagawa <b>E</b>	[2AS18] Chromosome architecture and function Tatsuo Fukagawa <b>E</b>
	Room 19		511+512		[2AS19] Nuclear Receptors Biology Yuuki Imai / Noriaki Shimizu <b>J/E</b>
	Exhibition Hall	1F	A+B+C		Poster Exhibition
				Exhibition of Instruments, Publications 10:00-18:00	

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11:55-12:45	13:00-15:15	15:30-18:00	18:15-19:45
	[2PS1]Minority cell research enabled by whole-body/whole-organ cell analysis Hiroki Ueda <b>J</b>		
	[2PS2]Unfold, Pull, Walk: Fundamental mechanism of AAA+ ATPases Masatoshi Esaki / Daisuke Morito <b>J</b>		
Career Path Luncheon Seminar (11:30-12:45)	[2PS3]Mixing Leading-edge Chemistry and Biology Tetsuya Higashiyama <b>J</b>		[2F3]How to maintain the database that works? Takeya Kasukawa / Hidemasa Bono
[2BT4]Pharmaceutical Research and Manufacturers of America (PhRMA)	[2PS4]Host-microbiota interactions Kenya Honda <b>J</b>		[2F4]The 4th Young Scientist Symposium Pharmaceutical Research and Manufacturers of America (PhRMA)
[2BT5]COSMO BIO Co.,ltd.	[2PS5]Molecular Biology of Intriguing Creatures Kyoko Miura / Hiroataka Kanuka <b>J</b>		[2F5]Join the naturalist club! -molecular biology of non-model organisms- Takashi Ohyama / Shigenobu Tone
	[2PS6]Exploring the evolution of cis regulatory elements by genomics, epigenomics and bioinformatics Kenji Ichiyonagi / Norihiro Okada <b>J</b>		[2F6]Past and future of molecular biology— In commemoration of 100th anniversary year of the birth of Francis Crick Koiji Tamura
	[2PS7]Cell fate regulation orchestrated by ribonucleoprotein macromolecular complex Reiko Sugiyama / Shinichi Nakagawa <b>E</b>		[2F7]Functional network of Japanese researchers to promote science and technology Kohel Homma / So Nakagawa
	[2PS8]Organelle functional zones as dynamic driving forces for cell functions Yusuke Maeda / Hiroyuki Ishikawa <b>J</b>		[2F8]Understanding of neural differentiation system to generate cellular diversity in the brain Chiaki Ohtaka-Maruyama / Ken-ichi Mizutani
[2BT9]Carl Zeiss Microscopy Co., Ltd	[2PS9]Molecular basis underlying versatile mitochondria Koiji Okamoto / Norihiro Shintani <b>E</b>		[2F9] Leica Microsystems K.K.
	[2PS10]Technology innovation in bio-imaging and novel biomedical applications Yusuke Oshima / Takashi Katagiri <b>J/E</b>		Forum on Research Ethics
	[2PS11]The Front Line of Marine Matagenomics Haruko Takeyama / Takashi Gojobori <b>J/E</b>		[2F11]Think about SNS and Science communications. Kazumi Sano / Keisuke Iida
	[2PS12]Evolutionary Cell Biology: How do cell behaviors drive evolution? Asako Sugimoto / Hirokazu Tsukaya <b>J</b>		[2F12] Carl Zeiss Microscopy Co., Ltd
	[2PS13]Epithelial Mesenchymal Interaction in Development and Disease Masao Saitoh / Guojun Sheng <b>E</b>		
	[2PS14]New frontier of high-pressure life science Chiaki Kato / Kaoru Nakasone <b>E</b>		
	[2PS15]Regulation of stem cell and tissue formation by Notch signaling Motoo Kitagawa / Tomoko Yamakawa <b>J/E</b>		
[2BT16]Promega KK	[2PS16]Integration of leading-edge technologies induces insight into physiology of long noncoding RNA and possibility of therapeutics Riki Kurokawa / Masato Katahira <b>E</b>		
[2BT17]Agilent Technologies Japan, Ltd.	[2PS17]Epigenomic regulation: its pathogenic implication Yoshihiro Ogawa <b>J</b>		
[2BT18]Bio-Rad Laboratories, Inc.	[2PS18]Dawn of "Nucleome" Research Hiroshi Kimura <b>E</b>		
	[2PS19]Between Design Biology and Evolutionary Engineering Daisuke Kiga / Shin-ichi Yokobori <b>E</b>		
	Poster Exhibition	Poster & Discussion 15:30-18:00 ※Core time 16:15-17:30	
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Building	Floor	Venue	Room	8:00-8:45	9:00-11:15	
Pacifico Yokohama Conference Center	1F	Room 1	Main Hall		[3AS1]Robotics and AI: a new dimension of lab automation Tohru Natsume <b>J</b>	
	2F	Room 2	211+212		[3AS2]How to find a mathematical model in molecular biology Takuma Shiraki / Tsuyoshi Ikura <b>J</b>	
	3F	Room 3	301		[3AS3]Trade-off between maintenance and evolution of genetic information Kaoru Sugasawa <b>E</b>	
		Room 4	302		[3AS4]Structural dynamics and function of membrane protein Osamu Nureki <b>J</b>	
		Room 5	303		[3AS5]Disruption of inter-organ network by organ aging Reiko Inagi / Masaomi Nangaku <b>J</b>	
		Room 6	304		[3AS6]New frontier research developed by genome editing technologies Atsuo Kawahara / Izuho Hatada <b>J</b>	
		Room 7	311+312		[3AS7]A new frontier of RNA biology interdisciplinary merging with different fields Naoyuki Kataoka / Misato Ohtani <b>J</b>	
		Room 8	313+314		[3AS8]Molecular dissection for Down syndrome pathology: genes involved in intellectual disability, solid tumor, and leukemia Keiichi Ishihara / Takashi Minami <b>J</b>	
		Room 9	315		[3AS9]New technologies and key molecules for bridging basic mitochondria science with clinical researches Kazuto Nakada/ Takehiro Yasukawa <b>J</b>	
		Room 10	411+412		[3AS10]Approaches for Dynamic Regulations of Eukaryotic Gene Expression Takashi Ito / Yoshiaki Ohkuma <b>E</b>	
	4F	Room 11	413		[3AS11]Giant viruses:Where did they come from? Where do they habit? and what do they do in our world? Masaharu Takemura / Hiroyuki Ogata <b>E</b>	
		Room 12	414+415		[3AS12]Regulation of epithelial biological systems by ciliary functions. Hiroshi Hamada / Sachiko Tsukita <b>E</b>	
		Room 13	416+417		[3AS13]Novel strategies toward understanding mechanisms that lead to refractory cancer Satoshi Inoue / Koji Okamoto <b>E</b>	
		Room 14	418		[3AS14]Mechanobiology in Animal and Plant Taku Demura <b>J</b>	
		Room 15	419		[3AS15]Biological significance of signal transduction by mono- & poly-ADP-ribosylation Mitsuko Masutani / Masatoshi Takagi <b>J</b>	
		5F	Room 16	501		[3AS16]Generation of neuronal subtypes and initial steps of circuit formation Yukiko Gotoh <b>E</b>
			Room 17	502	[3PL17]The early stages of the proteasome study Speaker:Keiji Tanaka Chair:Shigeo Murata <b>J</b>	[3AS17]Novel regulatory roles of ribosomes in global gene expression Toshifumi Inada <b>E</b>
	Room 18		503	[3PL18]New insights into the formation and function of caveolae Speaker:Robert Parton Chair:Hiroyuki Arai <b>E</b>	[3AS18]Emerging function of inter-organelle communication in signal transduction Hiroyuki Arai <b>E</b>	
	Room 19		511+512		[3AS19]NeoBiomolecules: Development of novel functional biomolecules by concerted approach of evolution, structure, and bioinformatics Naoto Nemoto / Taiichi Sakamoto <b>J</b>	
Exhibition Hall	1F	A+B+C			Poster Exhibition	
					Exhibition of Instruments, Publications 10:00-18:00	

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11:55-12:45	13:00-15:15	15:30-18:00	18:15-20:15
	[3PS1] Optogenetics in non-neuronal cells Kenji Tanaka <b>J</b>		
	[3PS2] Effects of environmental air pollutants on systemic inflammation – Cause allergy or cancer !? Yasuhiro Yoshida / Tatsuya Mimura <b>J</b>		
[3BT4] Sigma-Aldrich Japan LLC.	[3PS3] Comprehensive regulatory systems in DNA damage response – Choices and crosstalk between pathways Tomoo Ogi / Eiji Ohashi <b>J</b>		
[3BT4] Illumina, Inc.	[3PS4] Design an intestinal microbiota, another organ in our body Shinji Fukuda / Takuji Yamada <b>J</b>		
[3BT5] LMS Co., Ltd	[3PS5] Molecular Biology of “Life-Aging-Disease-Death” Tomoaki Tanaka / Tohru Minamino <b>J</b>		
	[3PS6] Homeostatic and pathological regulation of multi-system networks in chronic diseases Yuichi Oike / Ichiro Manabe <b>J</b>		
	[3PS7] The PI3K-AKT signal transduction: update and future direction Masayuki Noguchi <b>E</b>		
	[3PS8] Emerging gene therapy strategies from Japan. Ko Mitani / Yasufumi Kaneda <b>J</b>		
	[3PS9] Inter- and Intra-mitochondrial biology Atsushi Tanaka <b>E</b>		
	[3PS10] non-B DNA: unexplored messages in genomes Hisao Masai / Kazuo Nagasawa <b>E</b>		
	[3PS11] Frontiers and Perspectives in Bacteriophage Shigeki Takeda / Yasunori Tanji <b>J</b>		
	[3PS12] Discovery of cell chirality, a novel cell polarity, and its functions Kenji Matsuno / Atsushi Tamada <b>E</b>		
	[3PS13] Insect club formal version in MBSJ for insect geeks 3 : Basic studies using non-model insects Ai Muto / Tateo Itoh <b>J</b>		
	[3PS14] Mechano-Medicine: Mechanobiology-Based Approach from Bench to Bedside Keiji Naruse / Yasuhiro Sawada <b>J</b>		
	[3PS15] New biology of neural crest cells that marks the discovery 150 years and its related fields Toshio Watanabe / Datsuke Sakai <b>J</b>		
	[3PS16] Chromatin studies unveiling the mechanism of epigenetics Hitoshi Kurumizaka / Yuki Okada <b>J</b>		
[3BT17] Wako Pure Chemical Industries, Ltd.	[3PS17] Rethinking the central dogma of genetic flow based on recent RNA studies Akio Kanai / Tohru Yoshihisa <b>J</b>		
[3BT18] Olympus Corporation	[3PS18] Characteristic metabolism in malignant cells and cancer stem cells Tomoyoshi Soga / Hideyuki Saya <b>J</b>		Open Lecture 18:15-20:15
	[3PS19] Origin and evolution of primary biomaterials for common cellular activities: establishment of metabolic systems Gen-ichi Sampei / Naoki Nemoto <b>J</b>		
General Assembly & Tomizawa Fund Award Ceremony 11:30-12:45	Poster Exhibition	Poster & Discussion 15:30-18:00 ※Core time 16:15-17:30	
	Exhibition of Instruments, Publications 10:00-18:00		

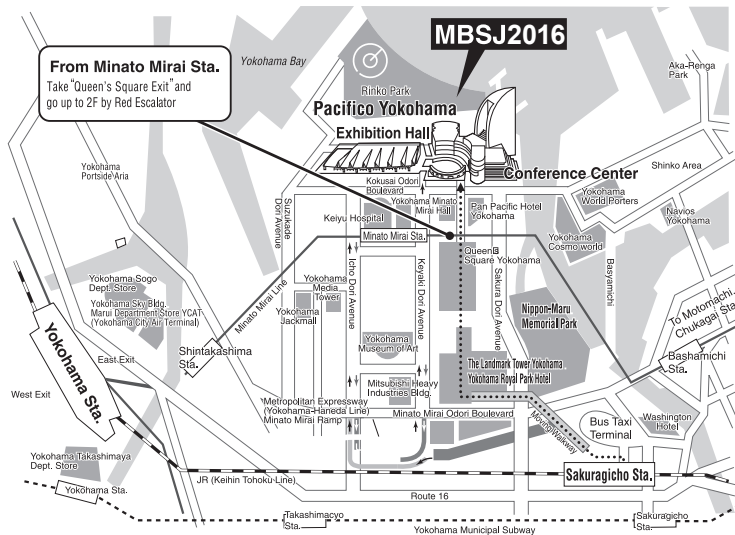
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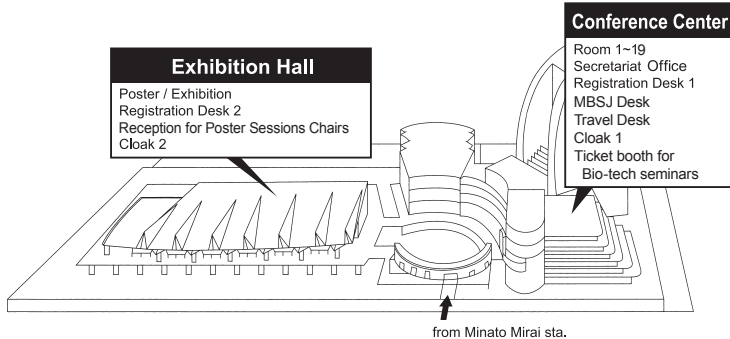
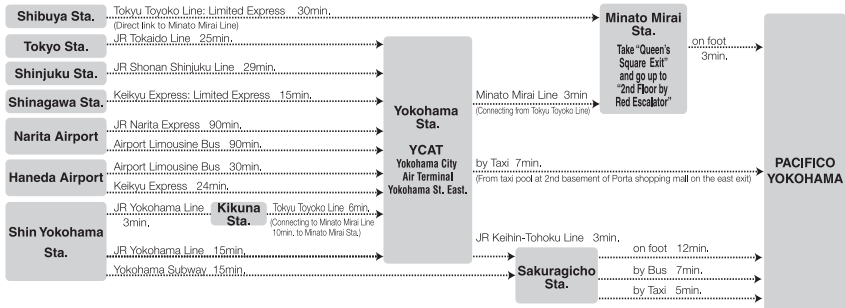
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# Access & Floor Guide

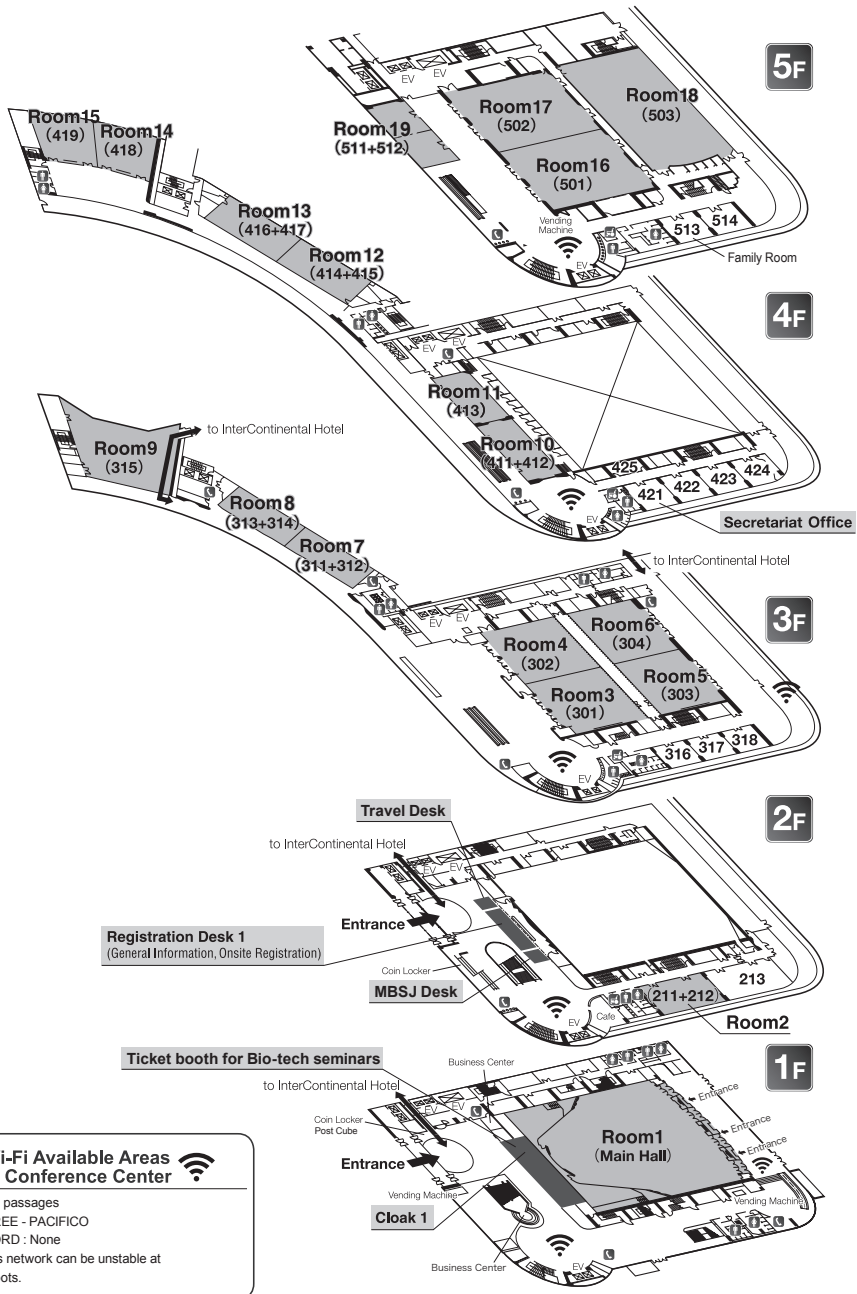
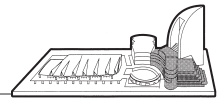
## Access



### Traffic Information



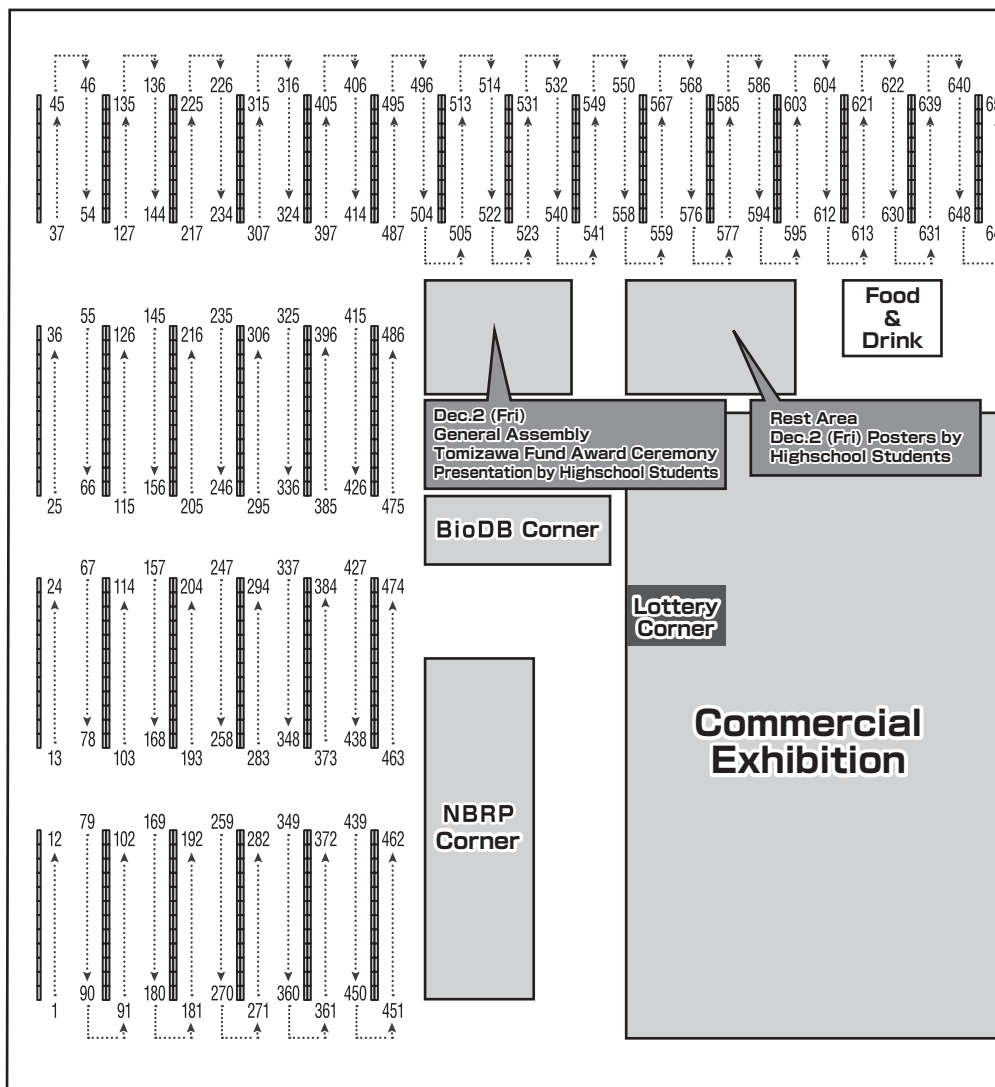
# Conference Center



## Wi-Fi Available Areas in Conference Center

- ◎Foyers, passages
- SSID : FREE - PACIFICO
- PASSWORD : None
- \* Wireless network can be unstable at some spots.

## Exhibition Hall (Poster & Exhibition)



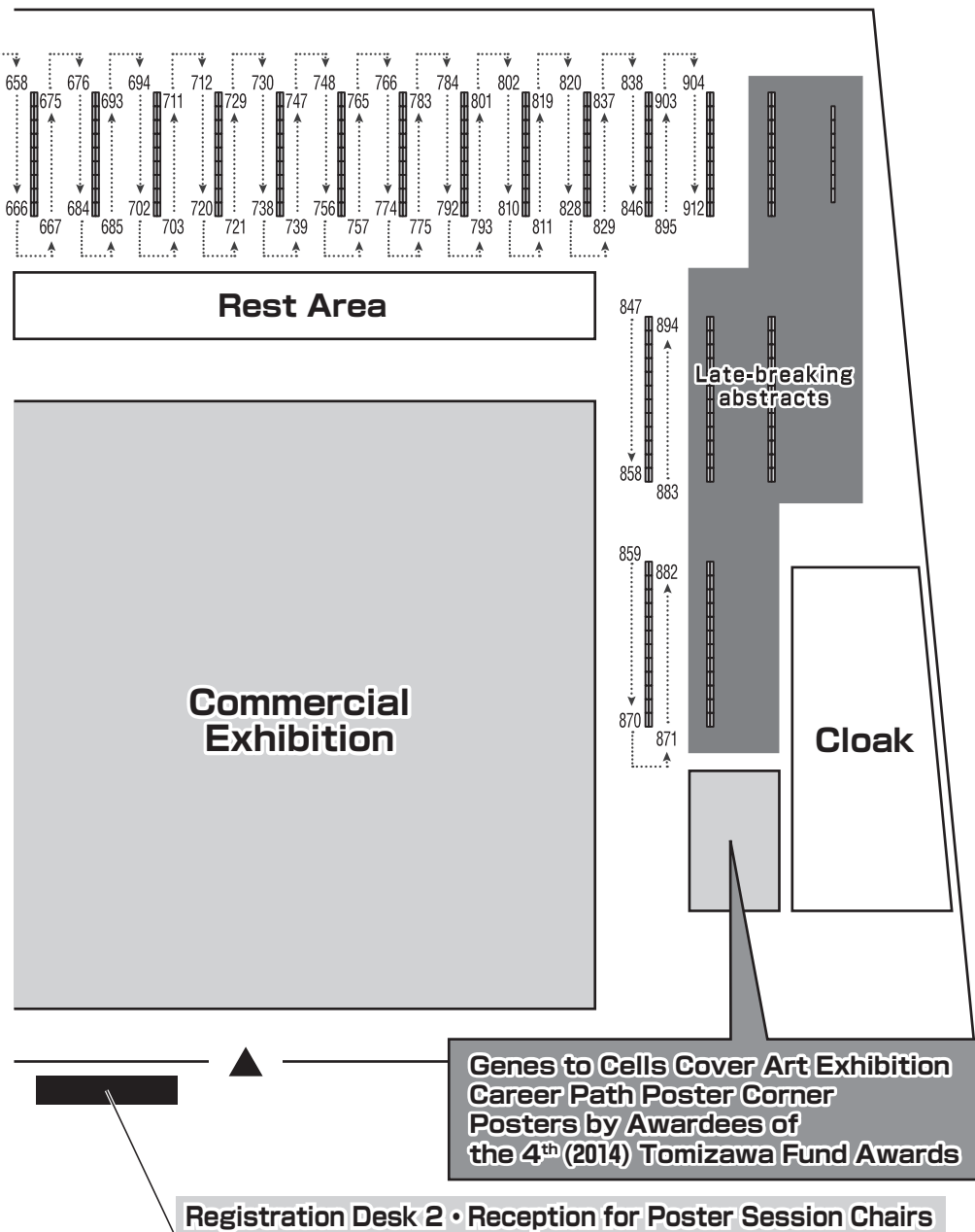
### Wi-Fi

©Wi-Fi is available throughout the Exhibition Hall.

SSID : FREE-PACIFICO

Password : None

※Wireless network can be unstable in some spots.



## Online Program Search and Abstract Browsing System / App

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

Please access the online program search and abstract browsing system via MBSJ2016 website.

MBSJ2016 website <http://www.aeplan.co.jp/mbsj2016>

\*Available from November 16 (Wed), 2016.

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

By logging in the system, you can browse / download the abstracts and also make your own customized "My Schedule". Enter your ID and PW.

ID: your registered e-mail address

PW: sent by email / printed on your name badge.

#### [For those who register on-site (including those who failed to pay advance registration fee)]

You can search and view the programs without logging in, but cannot browse or download the 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 at <mbsj2016@aeplan.co.jp>.

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

Wireless internet access is available. (see page 11 – 13 for wireless network area)

SSID: FREE-PACIFICO

Password: None

#### Use of the system with smartphones

The online abstract browsing system is applicable to smartphones and tablets, but packet communication fee will be charged. It is strongly recommended to use a fixed amount of packet data service. The system is not compatible with feature phones.

### ◆ How to install program search and abstract browsing app

Free to download from App Store or Google Play.

OS: iOS 6 or later (iPhone, iPad, iPad touch), Android 4 or later

App name: MBSJ2016

Search word: mbsj2016

# Information for Participants

## 1. Registration

### ◆ Registration

On-site registration is available at the Conference Center 2F (Registration Desk 1) or Exhibition Hall 1F (Registration Desk 2).

Residents of Japan who have already completed advance registration with a full payment of registration fee by the due date will receive a name badge by postal mail in mid-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 should go first to the General Information Desk at the Registration Desk 1 to receive your name badge.

### ◆ Registration Desk

	Location	Open Hours	Details
Registration Desk 1	Conference Center 2F	7:30am - 17:30pm	On-site registration General information MBSJ membership registration Accommodation, etc
Registration Desk 2	Exhibition Hall 1F	8:00am - 17:30pm	On-site registration

### ◆ On-site Registration Fees

Regular Member	Student Member	Non-member	Undergraduate Student (Regardless of membership)
JPY10,500 (non-taxed)	JPY6,500 (non-taxed)	JPY13,500 (tax-included) *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

Please be sure to wear your name badge showing your name and affiliation while you are at the meeting site. No entry without name badge is acceptable. (except for Open Lecture on Dec. 2 (Fri))

### ◆ Abstracts

The abstracts will be released only on the online system and app and no booklets or CD-ROM will be issued. The registrants can search, browse and download the abstracts with their ID and password.

If you do not attend the meeting but want to access the online abstracts and app, ID and password are available at JPY3,000 for MBSJ members and JPY10,000 for non-members. Please contact the secretariat by e-mail at <mbsj2016@aeplan.co.jp>.

### ◆ Program Booklet

Program booklet is issued only in Japanese. MBSJ Members will receive the program booklet along with the Bulletin Vol.115 in early November. For non-members living in Japan, the program booklet will be sent together with the name badge in mid-November. Non-members coming from overseas will be handed the program booklet on-site at the Registration Desk 1. For those who register on-site, the program booklet will be handed with the name badge upon their registration.



### ◆ **Membership Application and Payment (MBSJ Desk)**

You can apply for a membership or pay your annual membership fee at MBSJ Desk located next to Registration Desk 1 (2F, Conference Center). Please visit for the payment if you have not yet paid your membership fee.

## **2. Biotechnology Seminar (Luncheon Seminar)**

If you have already booked Biotechnology Seminars, lunch ticket for each seminar is attached to your name badge.

For those who have not booked Biotechnology Seminars, lunch tickets will be distributed at the Biotechnology Seminar Desk as below.

Biotechnology Seminar Desk (Only tickets for the seminars on the day)

Location: Conference Center 1F

Hours: Nov. 30 (Wed) - Dec. 2 (Fri) 7:30am - 11:00am \*close as all the tickets are distributed

Requirements: Lunch tickets will be provided in exchange of "exchange ticket" attached to your name badge. The number of lunch tickets differs depending on the seminars.

\*Lunch is provided by courtesy of companies and groups co-sponsoring Biotechnology Seminars. Please be advised that the lunch tickets will be distributed on a first-come, first-serve basis.

### ◆ **Attention**

The lunch tickets are invalid after the starting time of the seminars, 11:55. Lunch ticket holders should arrive at the seminar room by then. Please note that if you are late, lunch will be provided to those who are attending the seminar without the tickets.

### ◆ **Attending the Biotechnology Seminar after the ticket distribution**

Please bring the "exchange ticket" directly to the room where the seminar is held. Please note that there will be no lunch provided in this case. (Lunch will be provided if there is any left.)

## **3. Program**

### ◆ **Career Path Seminar**

Career path seminar will be held for 2 days as below.

Date & Time: Nov. 30 (Wed) 11:30 - 12:45 \*With lunch provided

Place: Room 3 (Conference Center 3F 301)

Date & Time: Dec. 1 (Thu) 11:30 - 12:45 \* With lunch provided.

Place: Room 3 (Conference Center 3F 301)

### ◆ **Forums on Research Ethics**

Date & Time: Dec. 1 (Thu) 18:15 - 19:45

Place: Room 10 (Conference Center 4F 411+412)

### ◆ **Posters of the 4th Tomizawa Fund Awardees**

Date & Time: Nov. 30 (Wed) - Dec. 2 (Fri) 10:00 - 18:00

Place: Poster / Exhibition Hall

◆ **Special Program “National Bio Resource Project (NBRP)”**

Date & Time: Nov. 30 (Wed) - Dec. 2 (Fri) 10:00 – 18:00

Place: Poster / Exhibition Hall

◆ **Special Program “Bio Database Corner”**

Date & Time: Nov. 30 (Wed) - Dec. 2 (Fri) 10:00 – 18:00

Place: Poster / Exhibition Hall

◆ **Open Lecture**

Program open to public where the topics on genome editing and bioethics will be discussed.

Date & Time: Dec. 2 (Fri) 18:15 – 20:15

Place: Room 18 (Conference Center 5F 503)

◆ **Mixer**

Date & Time: Nov. 30 (Wed) - Dec. 2 (Fri) 15:30– 18:00

Place: Poster / Exhibition Hall (Exhibition Hall 1F)

\*The first few hundred people will be provided free beer for each day. Other beverages are also available for purchase.

◆ **Presentation by High School Student**

Date & Time: Dec. 2 (Fri) 15:30 – 18:00

Place: Poster / Exhibition Hall (Exhibition Hall 1F)

◆ **Commercial Exhibition – Exhibition of Machineries, Reagents and Publications**

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: Nov. 30 (Wed) – Dec. 2 (Fri) 10:00 – 18:00

Place: Poster / Exhibition Hall (Exhibition Hall 1F)

## 4. Services & Facilities

◆ **Snacks • Drinks**

Snacks and drinks are available for purchase at the Exhibition Hall 1F.

◆ **Paging service • Bulletin board**

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 open as followings. No valuables or computers 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
Conference Center 1F	Nov. 30 (Wed) – Dec. 2 (Fri) 7:30am – 18:15pm
Exhibition Hall 1F	Nov. 30 (Wed) – Dec. 2 (Fri) 8:00am – 18:15pm

### ◆ Internet

Wireless internet access is available at the meeting site to use your own devices. (see page 11-13 for wireless network area)

SSID: FREE-PACIFICO

Password: None

### ◆ Travel Desk

Travel Desk by Nippon Travel Agency is located near Registration Desk 1 (Conference Center 2F) to help you to arrange accommodations and transportations.

### ◆ Parking

Parking is available at the Pacifico Yokohama (Parking fee: JPY270/30min, JPY540/hour). Participants are encouraged to use public transportation due to the limited number of the parking lots.

### ◆ ATM

ATMs are located below.

E-net bank's ATM: Daily Yamazaki at Exhibition Hall 1F Hall A

Seven bank's ATM: Seven-Eleven at Exhibition Hall 2F Concourse

### ◆ Business Center (Courier, Copy, Fax)

Business center is located at Exhibition Hall 2F. Copy, Fax, PC output are provided with a charge. Courier service (Yamato Transport, Yu-Pack, FedEx) is also provided.

### ◆ Convenience Store

Convenience stores are located at Exhibition Hall for purchase of food and beverage. Courier service (Yamato Transport) and ATM are also available.

Daily Yamazaki: Exhibition Hall 1F Hall A

Seven-Eleven: Exhibition Hall 2F Concourse

## 5. Information for Participants with Children

### ◆ Childcare Room

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

Open hours: Nov. 30 (Wed) 7:50 – 19:00

Dec. 1 (Thu) – 2 (Fri) 7:45 – 19:00

Location: For security reasons, only those signed up for the service will be informed of the location.

Age limitation: 8 weeks old – 12 years old

Babysitting company: Family Support Co., Ltd

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.

Lunch: Lunch is available for JPY700 (advance application required)

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

\*Over 2 years only

\*Allergy-free meals are not available

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

\*Cancellation deadline: Nov. 22 (Tue) 17:00

(In case of cancellation after the deadline, the full amount the fees will be charged.)

\*If you do not order a lunch, please prepare meal for your child by yourself.

How to apply: Please email directly to the babysitting company Family Support Co., Ltd.  
including the necessary information below.

E-mail: houjin@familysupport.co.jp Subject: MBSJ2016 childcare reservation Necessary Info. 1) Parent's / Participant's name, affiliation, contact 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: Need (date, qty.) / No need
---

Application deadline: Nov. 22 (Tue) 17:00 JST

Application & Inquiry to: Family Support Co., Ltd.

E-mail: houjin@familysupport.co.jp / Tel: +81-3-6300-9307 / Fax +81-3377-3178

Note: Though the babysitting company's insurance will cover damages of unexpected accidents within the coverage limit, Molecular Biology Society and The 39th Annual Meeting of the Molecular Biology Society of Japan will not take any responsibility for any accidents at the Childcare Room.

## ◆ Family Room

Family Room is available for parents to nurse their children, change diapers, have meals or just relax. The room can be used for free of charge without reservation at the following hours. Please note there is no staff in this room, so children must be accompanied at all times by parents or guardians. Please note that Molecular Biology Society of Japan and The 39th Annual Meeting of the Molecular Biology Society of Japan will not take any responsibility for any accidents in the Family Room.

Place: Conference center 5F 513

Open hours: Nov. 30 (Wed) 7:50 – 19:00

Dec. 1 (Thu) – 2 (Fri) 7:45 – 19:00

## ◆ Nursing room

A nursing room is also located at exhibition hall 2F. A baby bed and hot-water supply equipment are available.

## 6. Prohibitions

### ◆ Photography • Recording

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

### ◆ Cellphone use

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

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

# Information for Organizers, Chairs and Presenters

## For Organizers of Symposia / Forums

### 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 on the program schedule, please let the staff know of the changes.

For symposia, staff will assist organizers 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 presentation

2 rings : End of presentation - Start of discussion

3 rings : End of discussion - Time for next presentation

For forums, organizers are asked to manage timing and let the speakers know of it.

## For Presenters of Symposia / Forums

### 1. Language

Language of lectures in symposia differs depending on each theme. (Language of each theme is indicated in "Program at a Glance" on page 4 - 9)

Please prepare the slides for symposia in English.

Forums are all conducted in Japanese.

### 2. Time Allocation

Please note that the time allocation for presentation and discussion differs depending on each lecture.

For symposia, staff will assist organizers 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 presentation

2 rings: End of presentation- Start of discussion

3 rings: End of discussion - Time for next presentation

For forums, organizers are asked to manage timing and let the speakers know of it.

### 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 see "Technical requirements for your laptop" below.)

#### 4. Preview

Please bring your laptop to "Preview Desk" in the session room by 15 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 (50Hz in Yokohama). 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 Chairs of Poster Sessions

#### 1. Arrival

Please come to the "Reception for Poster Sessions Chairs" at the entrance of the Poster/Exhibition Hall by 16:00pm on the day of your assigned session and receive the following items.

- Blue ribbon (Please wear it on your chest during the session.)
- Selection sheet for "excellent poster award"
- Abstracts of your assigned session

#### 2. Process and Timing

Chairs are asked to moderate a poster session of 75 minutes from 16:15 to 17:30.

Allocated time for one poster is 7 minutes. (4 minutes for presentation, 3 minutes for Q&A)

There will be no staff to assist time-keeping and please manage timing by yourself.

#### 3. Selection of Excellent Poster Award

Please select a poster presentation which is appropriate for "Excellent Poster Award" from the presentations you chaired. In the selection of the award, the content of presentations, discussions, future prospects and potential for development are to be taken into account. After the poster session, please submit the selection sheet to the staff at "Reception for Poster Sessions Chairs" with a mark on the title of the poster which is selected for the award.

## For Poster Presenters

### 1. Periods of Poster Display

Each poster will be displayed for one day during the meeting period. (November 30 (Wed) - December 2 (Fri))  
Please set up your poster in the morning of your presentation day.

### 2. Set up, Presentation/ Discussion, Removal

All accepted abstracts submitted by August 3 including those selected for presentations at symposia are to be presented at poster sessions moderated by chairs. Allocated time for one poster is 7 minutes (4 minutes for presentation, 3 minutes for Q&A).

\*There will be no chairs assigned for late-breaking abstracts, so 150 minutes through 15:30 - 18:00 will be free discussion for LBA.

Please wear a yellow ribbon indicating a poster presenter on your chest.

Set up		8:00 - 10:00	
Presentation / Discussion	Posters submitted by August 3	Free discussion	15:30 - 16:15 (45min)
		Presentation & discussion moderated by chairs (core time)	16:15 - 17:30 (75min)
		Free discussion	17:30 - 18:00 (30min)
Presentation / Discussion	Late-breaking Abstracts *Free discussions without chairs only. Please stand by your poster during the indicated hours.	Odd numbers	15:30 - 16:45 (75min)
		Even numbers	16:45 - 18:00 (75min)
Removal		18:00 - 18:15	

### 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.

#### <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.

It is recommended to post a photo of the presenter.

#### <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.

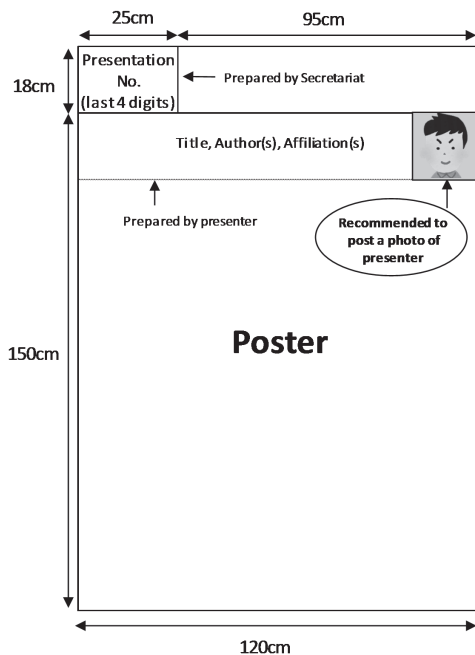
<Text size>

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>









THE 39TH ANNUAL MEETING OF  
THE MOLECULAR BIOLOGY  
SOCIETY OF JAPAN