

THE 36TH
ANNUAL MEETING OF THE
**MOLECULAR
BIOLOGY
SOCIETY
OF JAPAN**

MBSJ 2013 PROGRAM

2013 12.3 [Tue] **→ 12.6** [Fri]

President: Shigeru Kondo
(Graduate School of Frontier Biosciences, Osaka University)
Venue: Kobe Port Island
(Kobe International Conference Center,
Kobe International Exhibition Hall, Kobe Portopia Hotel)
<http://www.aeplan.co.jp/mbsj2013>

Schedule

	9	10	11	12	13	14	15	16	17	18	19	20			
Dec.3 (Tue)	<div><div>Symposium Workshop 9:00-11:30</div><div>Forum Organized by Administrative Board 10:00-11:30</div></div>												<div><div>Bio-tech Seminar 12:00-13:00</div><div>Luncheon Career Path 11:45-13:00</div></div>	<div><div>Symposium Workshop 13:15-15:45</div><div>Forum Organized by Administrative Board 14:00-15:30</div></div>	<div><div>Forum 18:00-20:00</div></div>
	<div><div>Set up 8:00-10:00</div></div>	<div><div>Poster & Discussion (Core time: 16:00-18:00) 16:00-19:00</div></div>								<div>Removal</div>					
	<div><div>Exhibition 9:30-17:00</div></div>														
Dec.4 (Wed)	<div><div>Symposium Workshop 9:00-11:30</div><div>Forum Organized by Administrative Board 10:00-11:30</div></div>												<div><div>Bio-tech Seminar 12:00-13:00</div><div>Luncheon Career Path 11:45-13:00</div></div>	<div><div>Symposium Workshop 13:15-15:45</div><div>Forum Organized by Administrative Board 14:00-15:30</div></div>	<div><div>Forum 18:00-20:00</div></div>
	<div><div>Set up 8:00-10:00</div></div>	<div><div>Poster & Discussion (Core time: 16:00-18:00) 16:00-19:00</div></div>								<div>Removal</div>					
	<div><div>Exhibition 9:30-17:00</div></div>											<div><div>General Assembly & Tomizawa Fund Ceremony 17:00-18:30</div></div>			
Dec.5 (Thu)	<div><div>Symposium Workshop 9:00-11:30</div><div>Forum Organized by Administrative Board 10:00-11:30</div></div>												<div><div>Bio-tech Seminar 12:00-13:00</div></div>	<div><div>Symposium Workshop 13:15-15:45</div><div>Forum Organized by Administrative Board 14:00-15:30</div></div>	<div><div>Forum 18:00-20:00</div></div>
	<div><div>Set up 8:00-10:00</div></div>	<div><div>Poster & Discussion (Core time: 16:00-18:00) 16:00-19:00</div></div>								<div>Removal</div>					
	<div><div>Exhibition 9:30-17:00</div></div>														
Dec. 6 (Fri)	<div><div>Symposium Workshop 9:00-11:30</div><div>Lunch Party</div><div>2050 Symposium 13:00~15:30</div><div>Open Lecture 16:00~17:30</div></div>														

Program at a Glance

December 3 (Tue.) Day 1

Building	Floor	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00				
Kobe Portopia Hotel	South Wing	B 1 F	Special Venue	Topaz	8:30		10:00 Forum Organized by Administrative Board		11:30		14:00 Forum Organized by Administrative Board		15:30							
		1 F	Poster Room1	Ohwada B・C		Set Up		Poster Exhibition						Poster Discussion (Core Time 16:00-18:00)		Removal				
	Main Building	B 1 F	Room 1	Kairaku 1			Workshop 1AW1			Bio-tech Seminar 1BT1		Workshop 1PW1								
			Room 2	Kairaku 2			Workshop 1AW2			Bio-tech Seminar 1BT2		Workshop 1PW2								
			Room 3	Kairaku 3	9:00						11:30		Bio-tech Seminar 1BT3		Workshop 1PW3					
			Room 4	Waraku			Workshop 1AW4			Bio-tech Seminar 1BT4		Workshop 1PW4								
	Kobe International Conference Center	4 F	Room 5	401+402			Workshop 1AW5		12:00		13:00		Workshop 1PW5							
		1 F	Room 6	Main Hall			Symposium 1AS6		11:45		13:00		Symposium 1PS6							
		3 F	Room 7	International Conference Room			Symposium 1AS7				Luncheon Career Path		Symposium 1PS7		18:00				20:00	
		5 F	Room 8	501			Workshop 1AW8				Bio-tech Seminar 1BT8		Workshop 1PW8				Forum 1F8			
Room 9			502			Workshop 1AW9				Bio-tech Seminar 1BT9		Workshop 1PW9				Forum 1F9				
Room 10			504+505			Workshop 1AW10						Workshop 1PW10								
Kobe International Exhibition Hall	No.2 bldg.	2 F	Room 11	Room 2A			Workshop 1AW11				Workshop 1PW11									
			Room 12	Room 2B			Workshop 1AW12				Workshop 1PW12									
		3 F	Room 13	Room 3A			Workshop 1AW13				Workshop 1PW13									
			Room 14	Room 3B			Workshop 1AW14				Workshop 1PW14		17:00							
	No.3 bldg.	1 F	Exhibition Hall 1	Hall No.2	9:30		Exhibition of Analysys Instrument, Reagent and Book, etc.													
		1 F	Exhibition Hall 2	Hall No.3	8:30		Exhibition of Analysys Instrument, Reagent and Book, etc.													
		1 F	Poster Room 2	Hall No.1 1F			Set Up		10:00		Poster Exhibition				16:00		Poster Discussion (Core Time 16:00-18:00)		Removal	
		2 F	Poster Room 3	Hall No.1 2F			Set Up				Poster Exhibition						Poster Discussion (Core Time 16:00-18:00)		Removal	

December 4 (Wed.) Day 2

Building	Floor	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00		
Kobe Portopia Hotel	South Wing	B 1 F	Special Venue	Topaz	8:30			10:00 Forum Organized by Administrative Board		11:30 Forum Organized by Administrative Board		14:00 Forum Organized by Administrative Board		15:30 Forum Organized by Administrative Board		16:00 19:00		
		1 F	Poster Room1	Ohwada B・C		Set Up		Poster Exhibition						Poster Discussion (Core Time 16:00-18:00)		Removal		
	Main Building	B 1 F	Room 1	Kairaku 1			Workshop 2AW1			Bio-tech Seminar 2BT1		Workshop 2PW1						
			Room 2	Kairaku 2			Workshop 2AW2			Bio-tech Seminar 2BT2		Workshop 2PW2						
			Room 3	Kairaku 3			Workshop 2AW3			Bio-tech Seminar 2BT3		Workshop 2PW3						
			Room 4	Waraku			Workshop 2AW4			Bio-tech Seminar 2BT4		Workshop 2PW4						
	Kobe International Conference Center	4 F	Room 5	401+402			Workshop 2AW5			Bio-tech Seminar 2BT5		Workshop 2PW5						
		1 F	Room 6	Main Hall			Symposium 2AS6		12:00 11:45		13:00 13:00		Special Symposium					
		3 F	Room 7	International Conference Room			Symposium 2AS7				Luncheon Career Path		Symposium 2PS7		18:00 20:00			
		5 F	Room 8	501			Workshop 2AW8			Bio-tech Seminar 2BT8		Workshop 2PW8				Forum 2F8		
			Room 9	502			Workshop 2AW9			Bio-tech Seminar 2BT9		Workshop 2PW9				Forum 2F9		
			Room 10	504+505			Workshop 2AW10				Workshop 2PW10							
Kobe International Exhibition Hall	No.2 bldg.	2 F	Room 11	Room 2A			Workshop 2AW11				Workshop 2PW11							
			Room 12	Room 2B			Workshop 2AW12				Workshop 2PW12							
		3 F	Room 13	Room 3A			Workshop 2AW13				Workshop 2PW13							
			Room 14	Room 3B			Workshop 2AW14				Workshop 2PW14		17:00 18:30					
	No.3 bldg.	1 F	Exhibition Hall 1	Hall No.2	9:30		Exhibition of Instruments, Reagents and Publications, etc.								General Assembly & Tomizawa Fund Ceremony			
		1 F	Exhibition Hall 2	Hall No.3	8:30		Exhibition of Instruments, Reagents and Publications, etc.								19:00			
		1 F	Poster Room 2	Hall No.1 1F			Set Up		10:00		Poster Exhibition			16:00 Poster Discussion (Core Time 16:00-18:00)		Removal		
		2 F	Poster Room 3	Hall No.1 2F			Set Up				Poster Exhibition			Poster Discussion (Core Time 16:00-18:00)		Removal		

December 5 (Thu.) Day 3

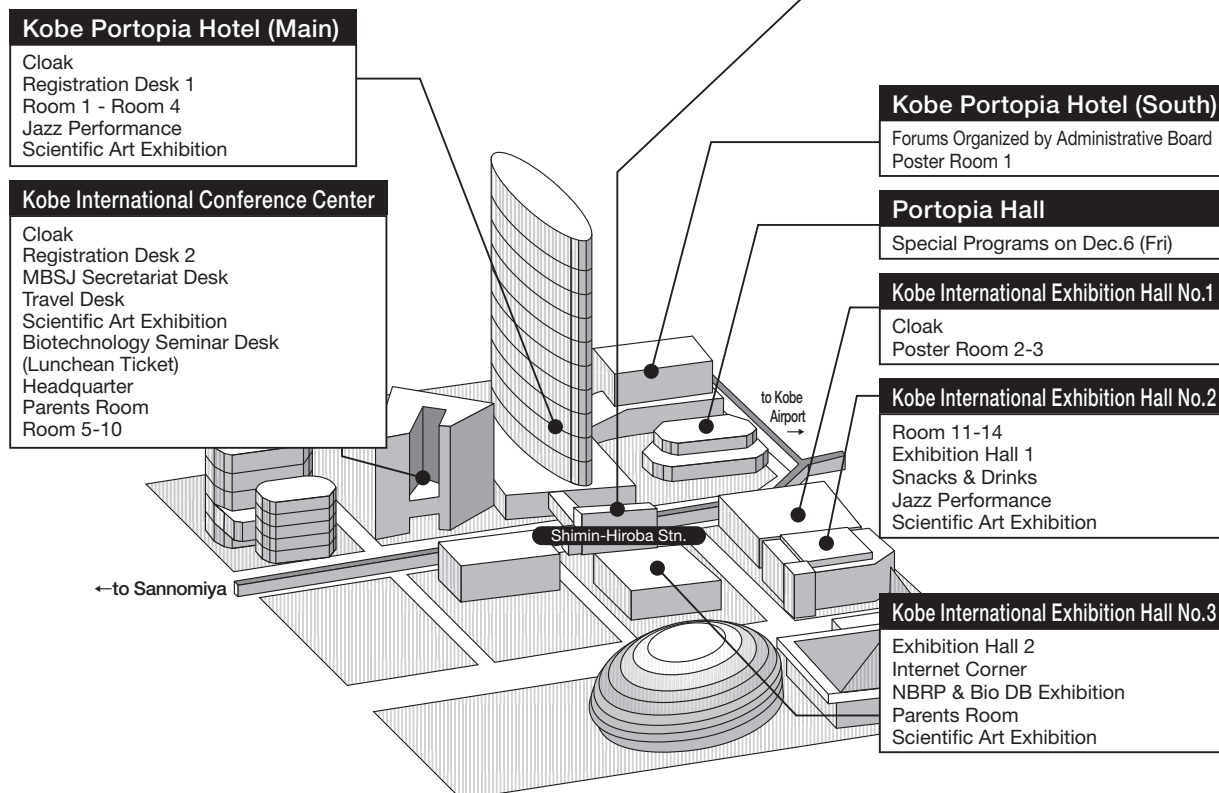
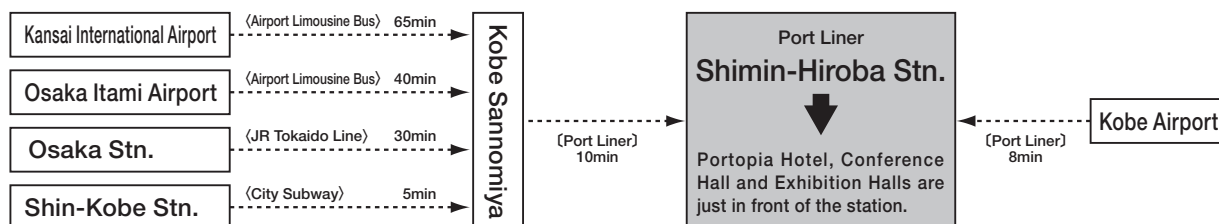
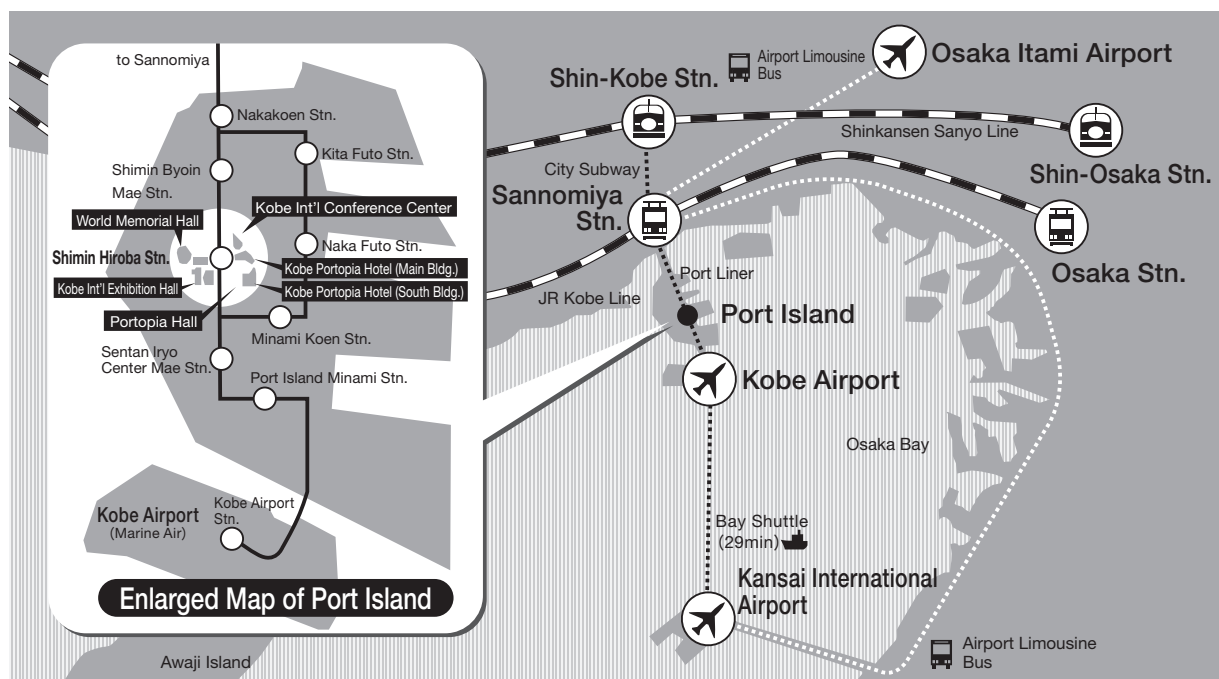
Building	Floor	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
Kobe Portopia Hotel	South Wing	B 1 F	Special Venue	Topaz	8:30		10:00 Forum Organized by Administrative Board	11:30 Forum Organized by Administrative Board		14:00 Forum Organized by Administrative Board	15:30 Forum Organized by Administrative Board	16:00			19:00	
		1 F	Poster Room1	Ohwada/B・C		Set Up			Poster Exhibition				Poster Discussion (Core Time 16:00-18:00)		Removal	
			Presentation by High School Student	Ohwada/Foyer	9:00		11:30	12:00	13:00				Presentation by High School Student (Oral & Poster)	18:00		
	Main Building	B 1 F	Room 1	Kairaku 1			Workshop 3AW1		Bio-tech Seminar 3BT1	13:15		15:45	Workshop 3PW2			
			Room 2	Kairaku 2			Workshop 3AW2		Bio-tech Seminar 3BT2							
			Room 3	Kairaku 3			Workshop 3AW3		Bio-tech Seminar 3BT3				Workshop 3PW3			
			Room 4	Waraku			Workshop 3AW4		Bio-tech Seminar 3BT4				Workshop 3PW4			
	Kobe International Conference Center	4 F	Room 5	401+402			Workshop 3AW5						Workshop 3PW5		18:00	20:00
		1 F	Room 6	Main Hall			Symposium 3AS6						Symposium 3PS6		Special Program	
		3 F	Room 7	International Conference Room			Symposium 3AS7						Symposium 3PS7			
		5 F	Room 8	501			Workshop 3AW8						Workshop 3PW8		Forum 3F8	
			Room 9	502			Workshop 3AW9						Workshop 3PW9		Forum 3F9	
			Room 10	504+505			Workshop 3AW10						Workshop 3PW10		Forum 3F10	
	Kobe International Exhibition Hall	2 F	Room 11	Room 2A			Workshop 3AW11						Workshop 3PW11			
			Room 12	Room 2B			Workshop 3AW12						Workshop 3PW12			
		3 F	Room 13	Room 3A			Workshop 3AW13						Workshop 3PW13			
			Room 14	Room 3B			Workshop 3AW14						Workshop 3PW14			
		1 F	Exhibition Hall 1	Hall No.2		9:30										
		1 F	Exhibition Hall 2	Hall No.3		8:30										
	No.3 bldg. No.1 bldg.	1 F	Poster Room 2	Hall No.1 1F		Set Up	10:00					16:00	Poster Discussion (Core Time 16:00-18:00)		Removal	
		2 F	Poster Room 3	Hall No.1 2F		Set Up							Poster Discussion (Core Time 16:00-18:00)		Removal	

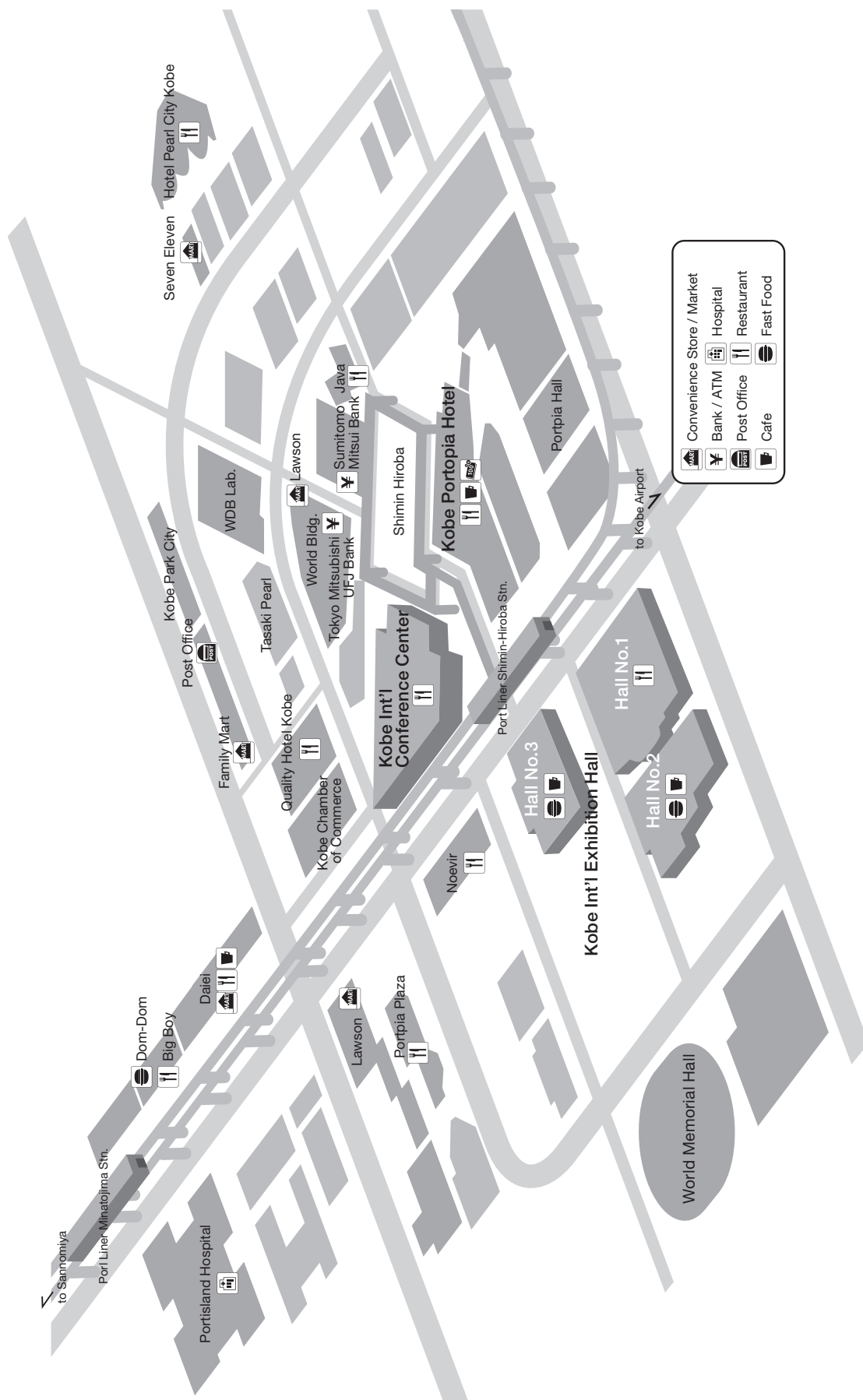
December 6 (Fri.) Day 4

Building	Floor	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
Kobe Portopia Hotel	Hall	B 1 F	Special Venue	Portopia Hall						2050 Symposium		16:00	17:30 Open Lecture			
		1 F	Poster Room1	Ohwada/B・C							15:30					
	Main Building	B 1 F	Room 1	Kairaku 1			Workshop 4AW1	11:45	13:00							
			Room 2	Kairaku 2			Workshop 4AW2									
			Room 3	Kairaku 3			Workshop 4AW3									
			Room 4	Waraku			Workshop 4AW4									
	Kobe International Conference Center	4 F	Room 5	401+402			Workshop 4AW5									
		1 F	Room 6	Main Hall			Symposium 4AS6									
		3 F	Room 7	International Conference Room			Symposium 4AS7									
		5 F	Room 8	501			Workshop 4AW8									
			Room 9	502			Workshop 4AW9									
			Room 10	504+505			Workshop 4AW10									

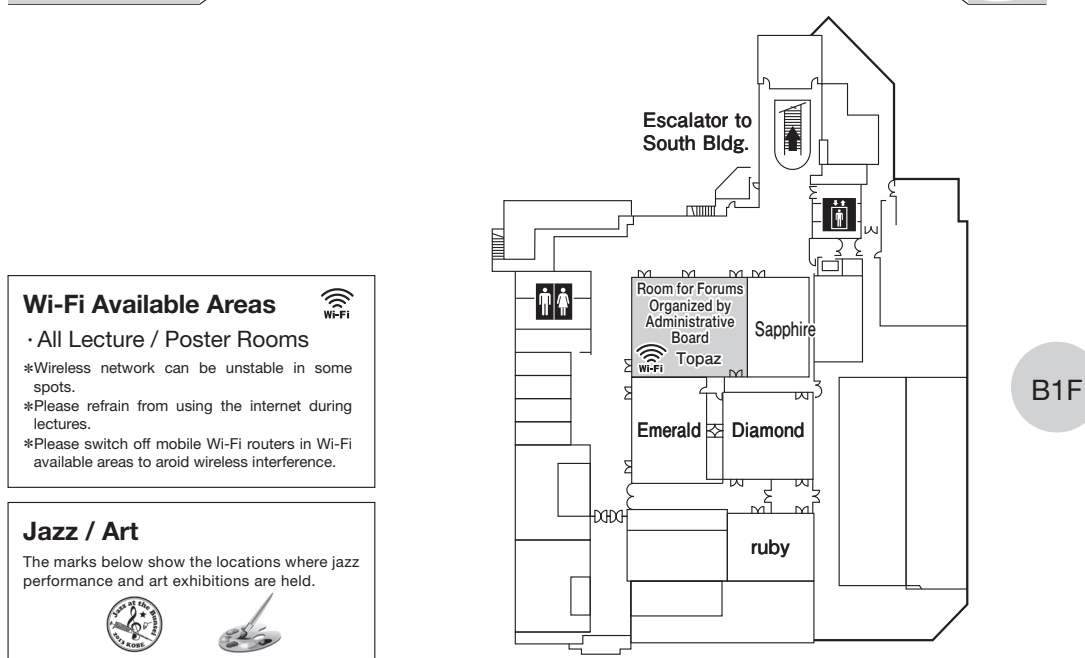
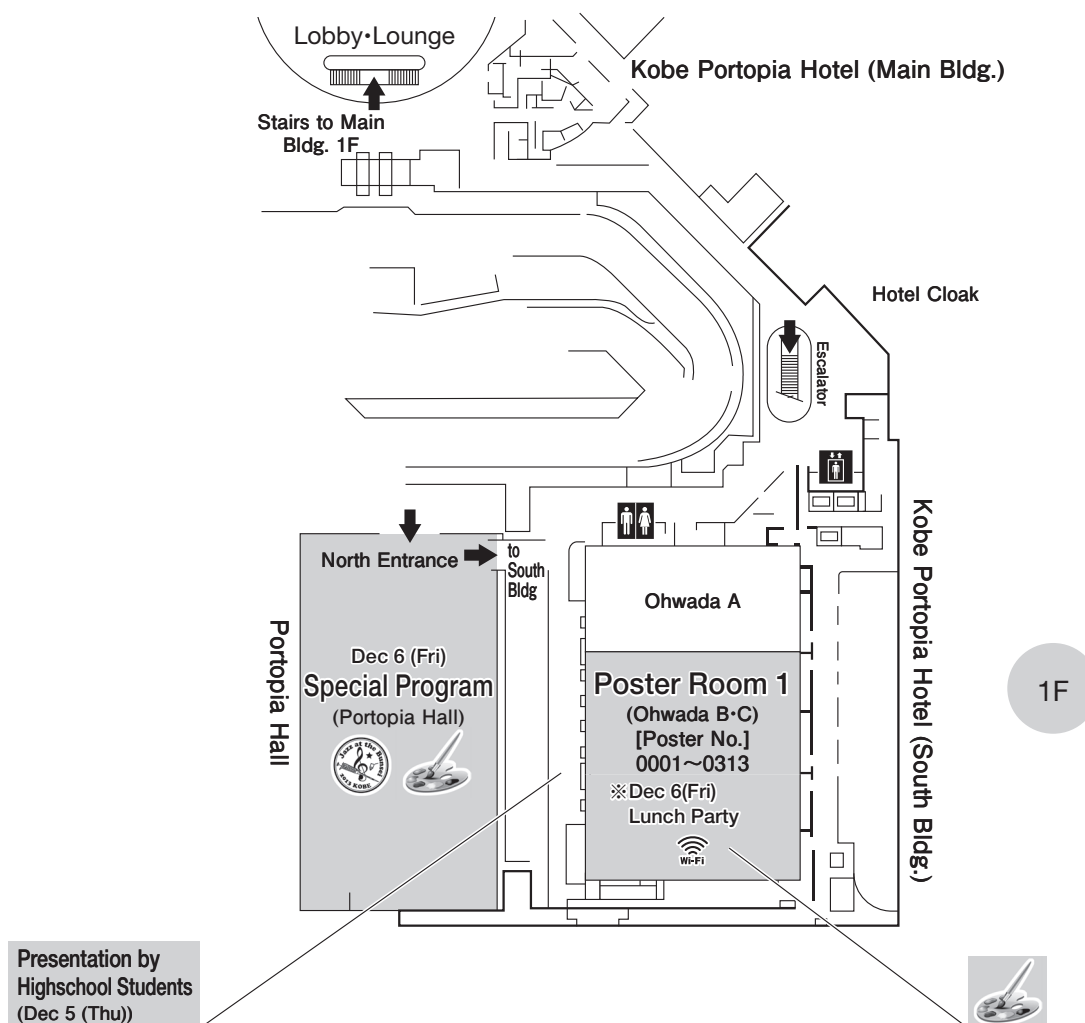
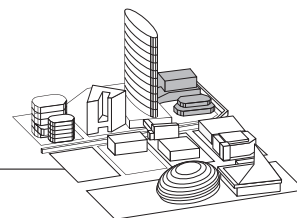
Access & Floor Guide

Access

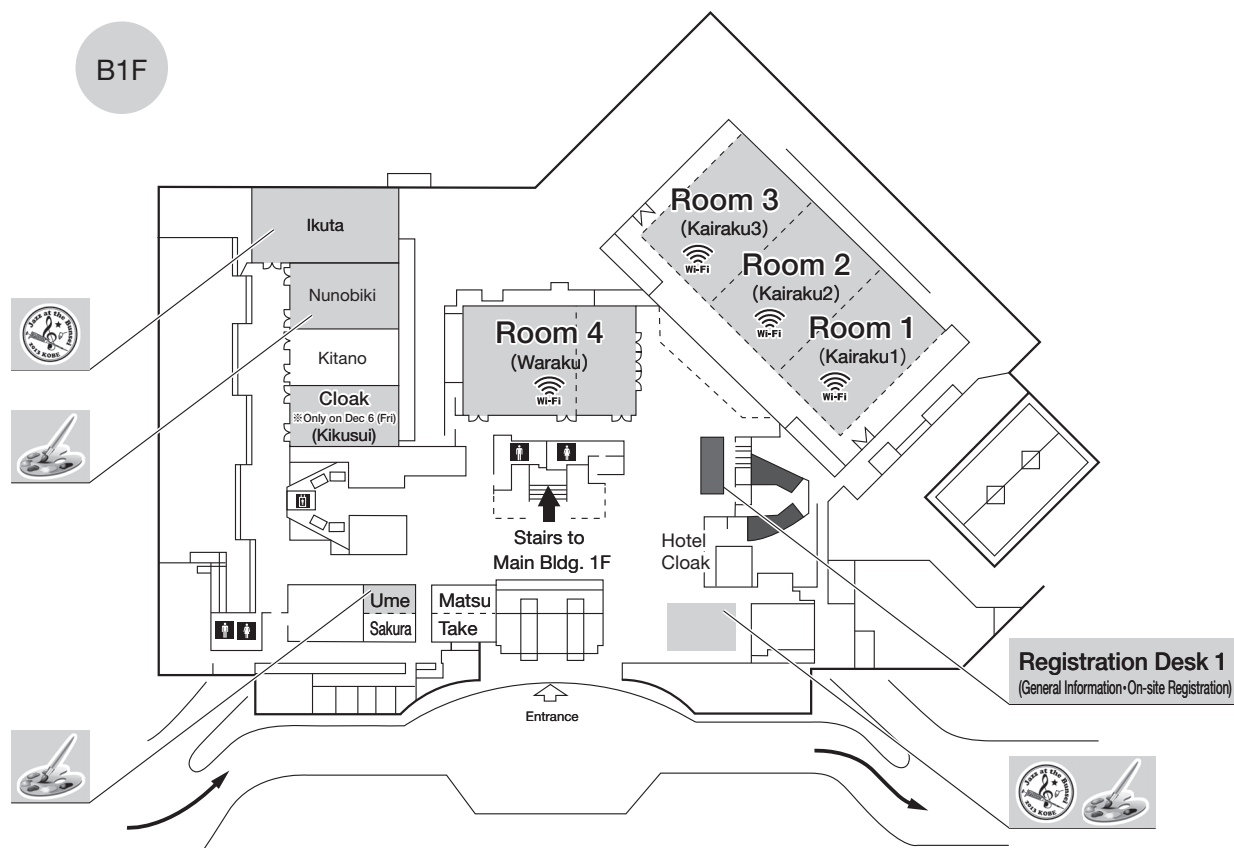
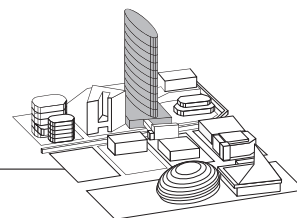




Kobe Portopia Hotel (South Bldg.) • Portopia Hall



Kobe Portopia Hotel (Main Bldg.)



Wi-Fi Available Areas



・ All Lecture / Poster Rooms

*Wireless network can be unstable in some spots.

*Please refrain from using the internet during lectures.

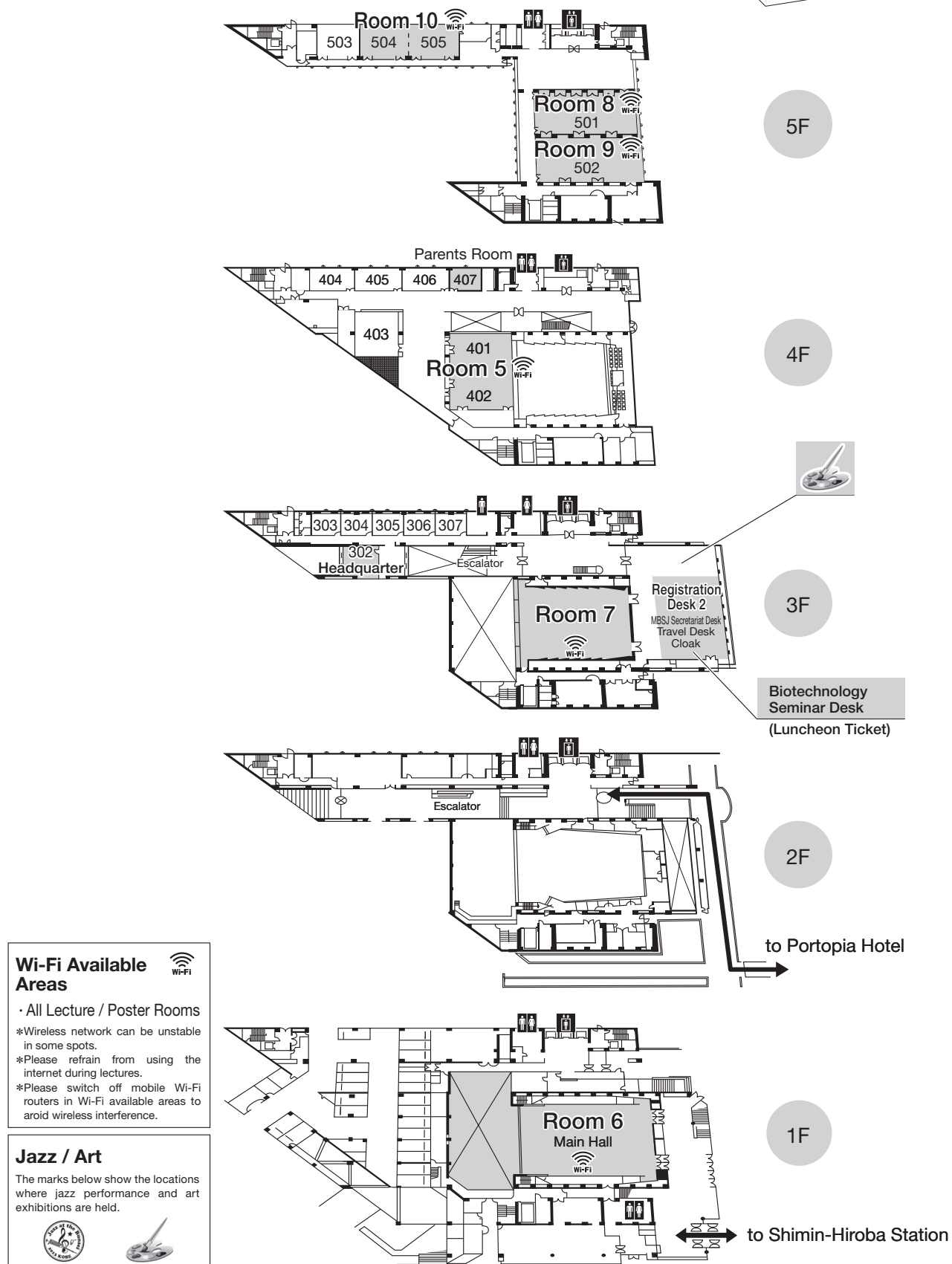
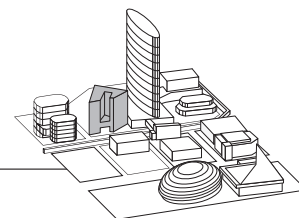
*Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

Jazz / Art

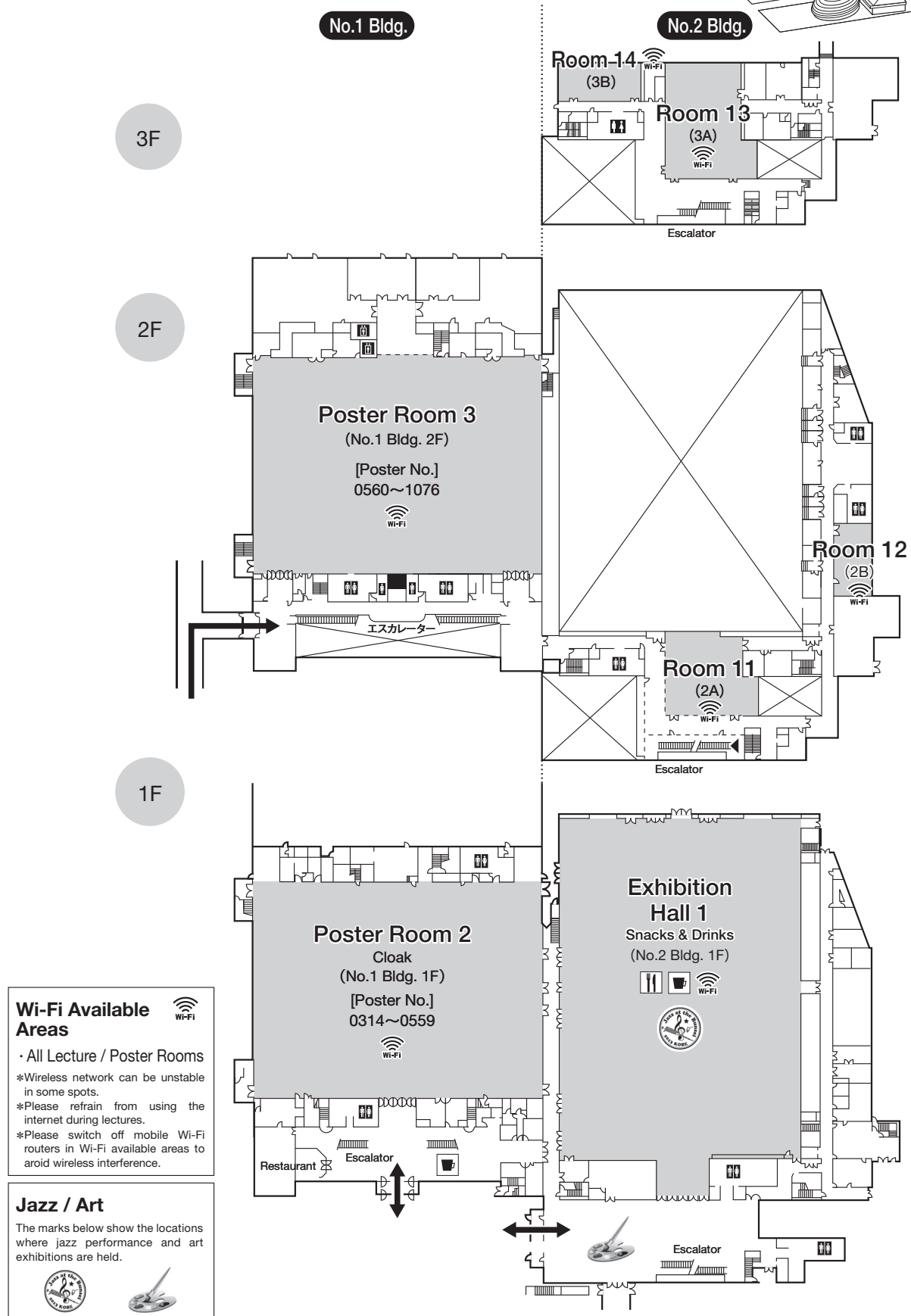
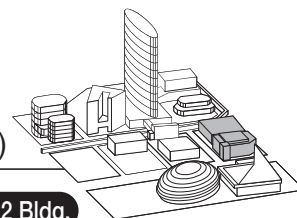
The marks below show the locations where jazz performance and art exhibitions are held.



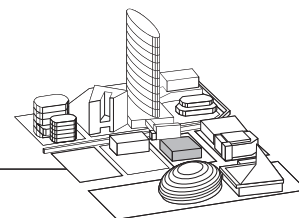
Kobe International Conference Center



Kobe International Exhibition Hall (No.1 Bldg.・No.2 Bldg.)



Kobe International Exhibition Hall (No.3 Bldg.)



[Kobe International Exhibition Hall (No.3 Bldg.)]



Wi-Fi Available Areas



- All Lecture / Poster Rooms

*Wireless network can be unstable in some spots.
*Please refrain from using the internet during lectures.
*Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

Jazz / Art

The marks below show the locations where jazz performance and art exhibitions are held.



The Use of Program Search and Online Abstract Browsing System

How to access and log-in program search and online abstract browsing system

Please access the program search and online abstract browsing system via the following URL.

Program search for Symposia, Workshops and Posters is available.

MBSJ2013 online program <http://mbsj2013.castle104.com>

*Linked from the congress website (<http://www.aeplan.co.jp/mbsj2013/>).

*Available from November 20th (Wed.). The system will be closed 3 months after MBSJ2013.

【For those who have completed advance registration】

Logging in enables you to browse and download abstracts as well as to search the program, and to make your own customized “My schedule”. Enter your registration ID and the email address you have registered.

【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.

An ID and a password will be provided at the registration desk when you register on-site.

Use of the system at the meeting site

Wireless internet access is available so that you can bring your own laptop and access to the online abstract browsing system. (see page 6 – 10 for wireless network area) Internet corner is also provided as below.

【Internet corner】

Location: Exhibition Hall 2 (Kobe International Exhibition Hall No. 3 Building, 1F)

Operation Hours: December 3 (Tue.) – 5 (Thu.) 9:00 – 17:00

Information for Participants

1. Registration

◆ Registration

On-site registration is available at the Portpia Hotel, Main Building B1F (Registration Desk 1) or Conference Center 3F (Registration Desk 2).

Residents in 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 late 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 Registration Desk 1 to receive your name badge.

◆ Registration Desk

	Location	Open Hours	Details
Registration Desk 1	Portpia Hotel Main Building B1F	8:00am – 5:30pm (– 11:00am on Dec. 6 (Fri))	On-site registration, General information,
Registration Desk 2	Conference Center 3F	8:00am – 5:30pm (– 11:00am on Dec. 6 (Fri))	On-site registration, General information, MBSJ membership registration, Accommodation, etc.

◆ On-site Registration Fee

Regular Member	Student Member	Non-Member	Undergraduate Student (Regardless of membership)
JPY 10,500	JPY 6,500	JPY 13,500 *Incl. Program booklet	JPY 0 with Student ID. *Not applicable to Graduate Students

*Payment by cash or Credit card (VISA / MasterCard) is acceptable.

◆ Name Badge

Please be sure to wear your name badge showing your name and affiliation while you are at the MBSJ2013. No entry without name badge is acceptable (except for Open Lecture on Dec. 6 (Fri))

◆ Abstracts

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 MBSJ2013 website. Please refer to the page 11 for the details.

If you wish to purchase only Online abstracts access, it is available for JPY10,000 (including tax). Please contact the secretariat by e-mail.

◆ Program Booklet

MBSJ Members will receive the program booklet along with the Bulletin Vol.106 in mid- November. For non-members living in Japan, the program booklet will be sent together with the name badge in late November. Non-members coming from overseas will receive the program booklet on-site at the Registration Desk 1. (If you are going to register on-site, the program booklet will be handed with the name badge upon your registration.)

Program booklets are also available for purchase for JPY 3,000 (per a copy / including tax) at Registration Desk as long as it is left.

◆ Membership Application and Payment (MBSJ Desk)

The payment for MBSJ annual membership fee can be made at MBSJ Desk located next to Registration Desk 2 (Conference Center 3F). Please visit for the payment if you have not yet paid. The membership application is also available.

2. Biotechnology Seminar (Luncheon Seminar)

Lunch tickets are required to receive lunch service at Biotechnology Seminars (luncheon seminars). Please exchange one of the exchange tickets attached to the name badge for a lunch ticket of the seminar you wish to attend.

◆ Ticket distribution

The lunch tickets will be distributed at the Biotechnology Seminar Desk below.

Biotechnology Seminar Desk (Tickets for the seminars on the day)

Location: Registration Desk 2 (Conference Center 3F)

Hours: Dec. 3 (Tue.) – 5 (Thu.) 8:00 – 11:00 *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, 12:00. Lunch tickets holders should arrive 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 Biotechnology Seminar after the ticket distribution

Please bring the “exchange ticket” directly to the Biotechnology Seminar room. Please be kindly informed that there will be no lunch provided in this case. (Lunch will be provided if there is any left.)

3. Commercial Exhibition – Exhibition of Machineries, Reagents, 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: December 3 (Tue) – 5 (Thu) 9:30am – 5:00pm

Place: Exhibition Hall 1 (Kobe International Exhibition Hall, No.2 Building, 1F)

Exhibition Hall 2 (Kobe International Exhibition Hall, No.3 Building, 1F)

4. Services & Facilities

◆ Snacks • Drinks

Snacks and drinks are available at the Exhibition Hall 1 and 2.

◆ Paging service • Bulletin board

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

◆ Cloaks

Cloaks are available at Portopia Hotel and the Conference Center 3F. No valuable or computer can be checked in to the cloak since the society/meeting do not hold any responsibility for loss or damage of your items.

Cloak	Location	Open Hours
	Kobe International Conference Center 3F	Dec. 3 (Tue) – Dec.5 (Thu) 8:00 - 20:30 Dec, 6 (Fri.) 8:00 – 13:00
	Kobe International Exhibition Hall, No.1 Building, 1F	Dec. 3 (Tue) – Dec.5 (Thu) 8:00 - 19:30
	Kobe Portopia Hotel, South Wing, 1F	Hotel Service
	Kobe Portopia Hotel, Main Building, B1F	Hotel Service
	Kobe Portopia Hotel, Main Building, B1F, “Kikusui”	Dec, 6 (Fri.) 8:00 – 18:00

◆ Internet

Wireless internet access is available at the meeting site for you to use your own laptop. (see page 6 – 10 for wireless network area)
Internet Corner is provided for your access to online program searching and abstract browsing system.

Internet Corner	Open Hours
Exhibition Hall 2 (Exhibition Hall, No.3 Building, 1F)	Dec. 3 (Tue) – Dec.5 (Thu) 9:00 – 17:00

◆ Travel Desk

Travel Desk by JTB Western Japan Corp. is located near Registration Desk 2 (Conference Center 3F) 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
Shimin-Hiroba Underground Parking	7:30 – 21:30	JPY 150 /hour	186 cars
Port Island Sewage Farm Rooftop Parking	7:30 – 21:30	JPY 100 /hour Up to JPY 700	259 cars
Kobe International Exhibition Hall Underground Parking	7:00 – 22:00	JPY 300 for the first 2 hours JPY 150 /hour	200 cars
East Temporary Parking Space	7:30 – 21:30	JPY 700 /day	194 cars

◆ Bank / Post Office / ATM

There are banks, post office and ATM around the conference venue. Please refer to the area map on page 5.

◆ Business Center (Copy, Fax)

The Business Centers are located in the office on 2F of Kobe International Conference Center and next to the reception on 1F of Kobe Portpia Hotel, Main Building. Copy, Fax, PC output are provided with a charge. Cash on delivery service by Yamato Transport is also provided.

◆ Delivery Service

Delivery service desk will be open as below.

Date: Dec. 3 (Tue.) – 4 (Wed.) 16:00 – 17:30

Location: Kobe International Exhibition Hall, No. 2 Building, 1F

◆ Convenience Store

There are convenience stores (LAWSON, Family Mart), supermarket (Daiei) and restaurants around the conference venue. Please refer to the area map on page 5.

5. 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 and Chairs

1. Arrival

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

2. Process and Timing

The organizers/chairs are expected to ensure that all presentations start and finish punctually as scheduled. If there is any change on the program schedule for symposia, workshops, and forums, please let the staff know of the changes.

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. Language of Discussion

Language of discussion in Symposia/Workshops is up to organizers.

Forum: in Japanese (basically)

For Presenters of Symposium / Workshop / Forum

1. Language of lecture/presentation

Language of lecture/presentation in Symposia/Workshops differs depending on each theme. (Language of each Symposium/Workshop is indicated in “Symposia & Workshops at a Glance” on page ***)

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

2. Time allocation

Please be aware the time allocation for the 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

Please note the following when making your presentation materials considering the fact that 1 out of 20 male participants are color-blind/ partial color-blind.

- 1. Using green and magenta (purple), instead of using green and red, for double-staining or DNA chip.
- 2. For triple-staining and more, show combinations of two channels in magenta and green (or make separate figures for each channel)
- 3. Graphs and charts – It is very difficult for the color-blind people to recognize colors of distant objects. Avoid explaining color-coded data separately as legend, and include in the drawings. Also, use different symbols, shapes, and hatching to make clear distinction without color.
- 4. Avoid using red characters on black backgrounds because it is as dull as black.

3. Presentation Method

Presentation shall be given with your own laptop. Please do not forget to bring your laptop. (Please see “Technical requirements for your laptop” below.)

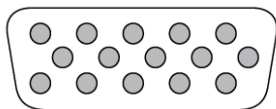
※ No sound output is available

4. Preview

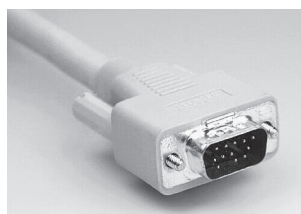
Please bring your laptop at “Preview desk” in the room by 15 minutes before your presentation.

【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 (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.
- Set up your laptop not to show screensaver or be on the power saving mode.
- 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 Presenters of Poster

1. Periods of poster display

Each poster will be posted for one day from December 3 (Tue) to 5 (Thu). 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.

Posting	8:30am - 10:00am
Presentation & Discussion	Odd Number: 16:00pm-17:00pm Even Number: 17:00pm-18:00pm Free Discussion: 18:00pm-19:00pm
Removal	19:00pm-19:15pm

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 room layout (on page 22 - 25) 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 can be written and presented in either English or Japanese. For posters written in Japanese, English information must be also provided for title, presenter's name and affiliation.

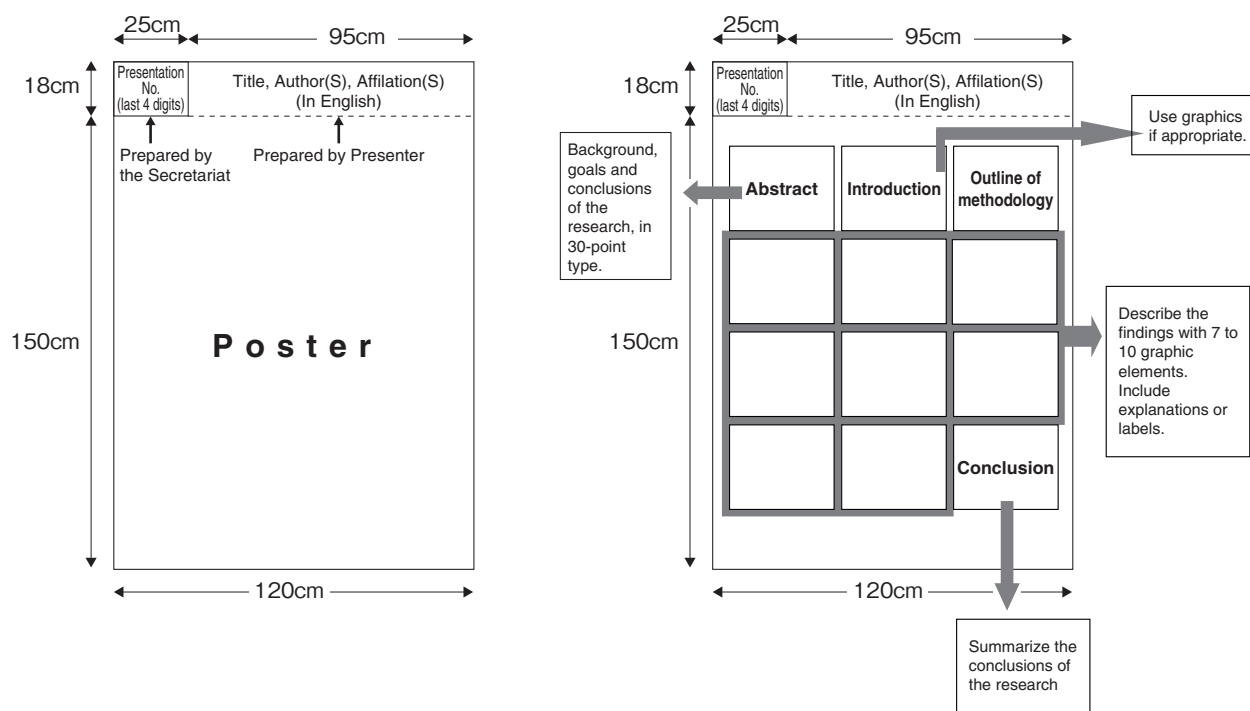
<Text size>

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>








































Symposia & Workshops at a Glance

E English
J Japanese

Bldg	Floor	Room		Dec.3 (Tue)		Dec.4 (Wed)	
				9:00 ~ 11:30	13:15 ~ 15:45	9:00 ~ 11:30	13:15 ~ 15:45
Kobe Portopia Hotel	Main Blag B1F	Room 1	Kairaku 1	1AW1 Quest for mechanism of action of long noncoding RNA-From a point of view of structure and function R Kurokawa, T Oyosi	1PW1 Quantitative biology toward trans-omic research S Kuroda, K Nakayama	2AW1 New Frontier of classical noncoding RNAs; tRNA and rRNA A Kanai, N Kenmochi	2PW1 Developmental mechanisms of lineage-specific stem cells and progenitor cells in mammals T Hara, S Kume
		Room 2	Kairaku 2	1AW2 Recent advances in genome editing research T Yamamoto, A Kawahara	1PW2 Active Crosstalks between Transcription and Chromatin Regulation by Various Proteins and RNAs Y Ohkuma, T Ito	2AW2 Fluctuation and Learning Principles in Gene expression K Maeshima, H Ueda	2PW2 Novel biological concepts and new molecules those could be discovered only by using advanced bioimaging technology M Ishii, K Kabashima
		Room 3	Kairaku 3		1PW3 Forefront of molecular biology in life, birth, aging, sickness and death; the four inevitables T Tanaka, T Minamino	2AW3 Toward elucidation of chromosome inheritance and maintenance T Sutani, T Nishino	2PW3 Why we don't have enough bioinformaticians useful for the spot of research H Toh, T Takagi
		Room 4	Waraku	1AW4 Wet meets dry: how and what to orchestrate in practice pursuing a new paradigm for molecular biology H Kawakami, M Kato	1PW4 Innovate novel diagnoses in Mibyo Community K Matsubara	2AW4 Posttranslational modification in secretion pathways G Satoshi, I Hiroyuki	2PW4 50 years with the Replicon Theory: temporal and spatial regulation of replication machinery H Masai, H Araki
Kobe International Conference Center	4F	Room 5	401+402	1AW5 Rediscover the potential power of NMR based on physical principles D Kohda, F Inagaki	1PW5 Post-transcriptional control of gene expression: Mechanisms of mRNA decay and biological significance A Yamashita, S Adachi	2AW5 Supercomputer unveiling Quantum Structure of Functional Proteins F Sato, T Tamura	2PW5 Leveraging Supercomputers for Hierarchical and Systems Understanding of Life towards Strategic Intervention against Diseases S Miyano, S Ogawa
	1F	Room 6	Main Hall	1AS6 Toward the understanding of high-order complex functional networks S Koyasu	1PS6 Dynamic cell anatomy by molecular imaging and photo manipulation M Miura	2AS6 New concepts arising in stem cell biology Y Gotoh	2PS6 Special symposium on drug discovery K Tsukahara
	3F	Room 7	International Conference Room	1AS7 Organelle biology in whole organisms N Mizushima	1PS7 Building the vertebrate body: from chromatin to organs H Takeda	2AS7 Transposable elements as dynamic reservoirs for new cellular functions H Siomi	2PS7 Novel therapeutic approaches for cancer based on cancer stem cell research K Akashi, H Sawa
	5F	Room 8	501	1AW8 Four transmembrane proteins: Their specific function and structure Y Fujiyoshi, S Tsukita	1PW8 Coordinated regulations in genome transactions promoted by dynamic protein complexes T Katayama, M Ishiai	2AW8 From allogenic authentication to reproductive tactics: A common strategy of life birth beyond the fertilization systems in animals and plants K Miyado, T Okamoto	2PW8 Fusion of engineering and biology toward a new stage of mechanobiology T Ogura, M Noda
		Room 9	502	1AW9 The functional missing links uncovered by the analysis of organelle-specific complexes N Nakamura, H Kondo	1PW9 Protein Crosslinking Reaction- A Novel Target for Drug Discovery K Hitomi, S Kojima	2AW9 Comprehensive analysis of RNA machinery in cell functions and human diseases S Inoue, H Asahara	2PW9 Molecular basics of various cellular functions of Ccr4-Not complex T Inada, T Yamamoto
		Room 10	504+505	1AW10 Can the bottom-up technologies synthesize cell systems? M Takinoue, K Tabata	1PW10 Chromosomal DNA replication and the maintenance of genome integrity E Ohashi, S Tanaka	2AW10 Execution of a variety of cell death and its consequence in vivo Y Yamaguchi, J Suzuki	2PW10 Epigenetic Regulation of Chromosome Inactivation T Sado, I Hiratani
	Hall No.2 2F	Room 11	Conf.Room 2A	1AW11 Recent Advances in Hypoxia biology. Metabolic adaptation regulates cellular functions K Takubo, N Takeda	1PW11 Conflicting molecular interactions between host and microbes: a fight for supremacy C Kaito, T Annoura	2AW11 Cell metabolism links time, inflammation, and noncommunicable disease Y Oike, I Manabe	2PW11 Epigenomic dynamics in cell lineage determination and maintenance H Aburatani, Y Yamada
		Room 12	Conf.Room 2B	1AW12 From the kinase signaling to physiological functions U Kikkawa, Y Fukada	1PW12 Internal and external mitochondrial biology A Tanaka, T Ban	2AW12 Alteration in bacterial response to the host and infection diseases T Kuraishi, A Shiratsuchi	2PW12 Insect Club formal version in MBSJ for insect geek K Ozaki, T Itoh
Kobe International Exhibition Hall	Hall No.2 3F	Room 13	Conf.Room 3A	1AW13 Developmental mechanisms revealed by cellular and molecular live imaging A Sakakibara, S Fukuhara	1PW13 Recent paradigm shift in molecular mechanisms of angiogenesis Y Kubota, M Ema	2AW13 Deciphering the molecular and systems-based principles for organization of memories M Kinoshita, K Kitamura	2PW13 Molecular architecture and regulation mechanism of synapses T Hirano, T Ohtsuka
		Room 14	Conf.Room 3B	1AW14 Current Status and Future Perspectives on Chick Developmental Biology and Biotechnology G Sheng, H Kagami	1PW14 Emergent Researches in Yeast Biology H Moriya, S Yoshida	2AW14 Animal metamorphose: Recent progresses in understanding molecular and cellular basis of drastic changes of animal life styles Y Sasakura, R Niwa	2PW14 Regulation of tissue and organ formation by Notch signaling K Matsuno, M Kitagawa

< How to read the session numbers > Date +AM(A)/PM(P)+ Symposia(S)/Workshops(W) + Room (ex.) 2AW13 : Day 2 · AM · Workshop · Room13

Bldg	Floor	Room		Dec.5 (Thu)		Dec.6 (Fri)
				9:00 ~ 11:30	13:15 ~ 15:45	9:00 ~ 11:30
Kobe Portopia Hotel	Main Blag B1F	Room 1	Kairaku 1	3AW1  End-resection of DNA doublestrand breaks and choice/regulation of DNA repair J Kobayashi, M Shinohara		4AW1  Supramolecular complex formation and genome functions regulated by post-translational protein modifications K Sugawara, T Ikura
		Room 2	Kairaku 2	3AW2  Development of bio-imaging techniques by using novel optical devices and perspectives for medical applications Y Oshima, T Katagiri	3PW2  Sustainable development: methods, ethics, and databases supporting the future research of NGS T Nakazato, Y Kodama	4AW2  Molecular biology in the brandnew research style that makes full use of public databases Y Nakamura, H Bono
		Room 3	Kairaku 3	3AW3  Molecular function and mechanisms of non-coding RNA Y Tomari, Y Kageyama	3PW3  Molecular biology of "zombification" in parasitism and symbiosis K Nagamune, O Kaneko	4AW3  Exploring mechanisms that control longevity: nutrition, metabolism and insulin M Kasuga, Y Nabeshima
		Room 4	Waraku	3AW4  New roles of transcriptional co-factors: transcriptional and functional regulation in neurons H Okuno, A Tabuchi	3PW4  Making and imaging the cardiovascular system U Yokoyama, K Koshiba-Takeuchi	4AW4  Seeing fish thoughts: Studies on the brain function using fish models K Kawakami, H Takeuchi
Kobe International Conference Center	4F	Room 5	401+402	3AW5  Recapitulation of Physiological and Pathological Phenotypes using Stem Cells in vitro K Yagita, K Horie	3PW5  Mechanisms of epithelial tissue organization in development and regeneration T Itoh, N Tanimizu	4AW5  Underlying mechanisms of selforganization in life T Ohyama, H Oana
	1F	Room 6	Main Hall	3AS6  Signal Transduction, learning from the discovery H Ichijo	3PS6  Forum for bench-to-bed science: the direction of the road ahead T Kadowaki	4AS6  Molecular profiling for drug repositioning T Natsume
	3F	Room 7	International Conference Room	3AS7  Immunological memory T Kurosaki, T Nakayama	3PS7  Impact of Large Scale Biology: FANTOM and ENCODE H Suzuki, P Carninci	4AS7  Deciphering molecular mechanisms underlying brain functions using new tools and approaches M Yuzaki
	5F	Room 8	501	3AW8  Regulation of genome function by dynamic chromatin structure H Kimura, H Kurumizaka	3PW8  TOR ROAD - Roads to and from TOR T Ushimaru, T Maeda	4AW8  Developmet in Bioimage Informatics S Onami, K Ito
		Room 9	502	3AW9  The definition or the property of life A Yamagishi, D Kiga	3PW9  The Ubiquitin code K Iwai, Y Saeki	4AW9  Quantitative biology on selfish genetic elements K Ohshima, K Ichinyanagi
		Room 10	504+505	3AW10  Nucleocytoplasmic transport system: For understanding its basic molecular mechanism and function S Kose, S Yoshimura	3PW10  Molecular basis and physiological roles of cell competition T Igaki, N Matsuda	4AW10  Molecular mechanism controlling mechanochemical properties of mitotic apparatus and/or cytokinesis device during cell division. Y Hamaguchi, H Hosoya
	Hall No.2 3F	Room 11	Conf.Room 2A	3AW11  Towards Comprehensive Understanding of Chromosome Segregation M Ueno, K Tanaka	3PW11  Interplay between chromatin and nuclear structures as a biological modulator M Fujita, Y Hiraoka	
		Room 12	Conf.Room 2B	3AW12  Advances in research on membrane proteostasis network in the ER and post-ER compartments T Okiyoneda, T Shuto	3PW12  Cellular structural biology by in situ magnetic resonance spectroscopy Y Ito, K Sugase	
		Room 13	Conf.Room 3A	3AW13  How far has cancer metabolism been elucidated? T Soga, H Motohashi	3PW13  The biological significance of microRNA and exosome H Tahara, T Ochiya	
		Room 14	Conf.Room 3B	3AW14  evolutionary biology using genome-wide approaches H Fujiwara, N Irie	3PW14  New Directions in the Study of Receptor-like Protein-Tyrosine Phosphatases T Watanabe, M Noda	

< How to read the session numbers > Date +AM(A)/PM(P)+ Symposia(S)/Workshops(W) +Room (ex.) 2AW13 : Day 2 • AM • Workshop • Room13

Biotechnology Seminars at a glance

Bldg	Floor	Room		Dec. 3 (Tue) 12:00 - 13:00	Dec. 4 (Wed) 12:00 - 13:00	Dec. 5 (Thu) 12:00 - 13:00
Kobe Portopia Hotel	B1F	Room 1	Kairaku 1	1BT1 TAKARA BIO INC.	2BT1 Wako Pure Chemical Industries, Ltd.	3BT1 TOMY DIGITAL BIOLOGY CO.,LTD.
		Room 2	Kairaku 2	1BT2 Carl Zeiss Microscopy Co., Ltd.	2BT2 MAB Institute, Inc.	3BT2 Olympus Corporation
		Room 3	Kairaku 3	1BT3 Funakoshi Co., Ltd.	2BT3 Agilent Technologies Japan, Ltd.	3BT3 GeneFrontier Corporation
		Room 4	Waraku	1BT4 SYSMEX CORPORATION	2BT4 Bio-Rad Laboratories, KK	3BT4 Medical & Biological Laboratories, Co., Ltd.
Kobe Int'l Conference Center	4F	Room 5	401 + 402		2BT5 Affymetrix Japan K.K	3BT5 AS ONE Corporation
	5F	Room 8	501	1BT8 Shimadzu Corporation	2BT8 Promega KK	3BT8 Leica Microsystems K.K.
		Room 9	502	1BT9 Illumina K.K.	2BT9 COSMO BIO CO., LTD.	

< How to read the session numbers > Date + Biotechnology(BT) + Room (ex.) 1BT5: Day 1 · Biotechnology Seminar · Room5

Lunch tickets will be needed to receive lunch service at Biotechnology Seminars (luncheon seminars). Please exchange one of the exchange tickets attached to the name badge for a lunch ticket of the seminar you wish to attend.

◆ Ticket distribution

The lunch tickets will be distributed at the Biotechnology Seminar Desk below.

Biotechnology Seminar Desk (Tickets for the seminars on the day)

Location: Registration Desk 2 (Kobe International Conference Center 3F)

Hours: December 3 (Tue) - 5 (Thu) 8:00 – 11:00 (*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, 12:00. Lunch tickets holders should arrive at the seminar room by then. Please be aware that if you are late, lunch will be provided to those who attending the seminar without lunch tickets.

◆ Attending the Biotechnology Seminar after the ticket distribution

Please bring the “exchange ticket” directly to the Biotechnology Seminar room. Please be kindly informed that there will be no lunch provided in this case. (Lunch will be provided if there is any left.)

Posters at a glance

Date : December 3 (Tue) - 5 (Thu) (each poster will be posted for 1 day)

Place : Poster Room 1 (Kobe Portopia Hotel, South Wing, 1F "Ohwada")

Poster Room 2 (Kobe International Exhibition Hall, No. 1 Bldg, 1F)

Poster Room 3 (Kobe International Exhibition Hall, No. 1 Bldg, 2F)

Presentation & Discussion : Odd Number: 16:00-17:00

Even Number: 17:00-18:00

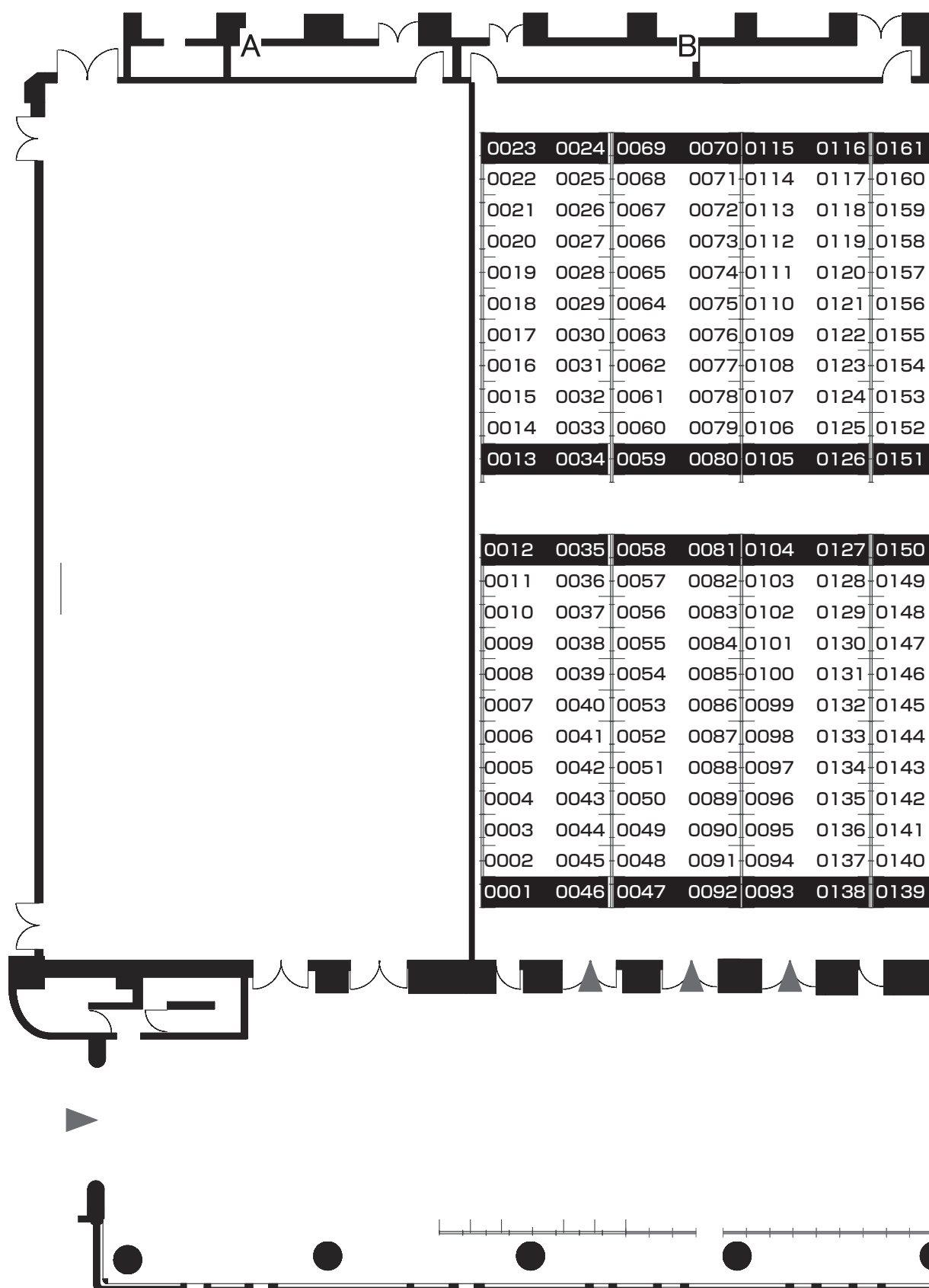
Free Discussion: 18:00-19:00

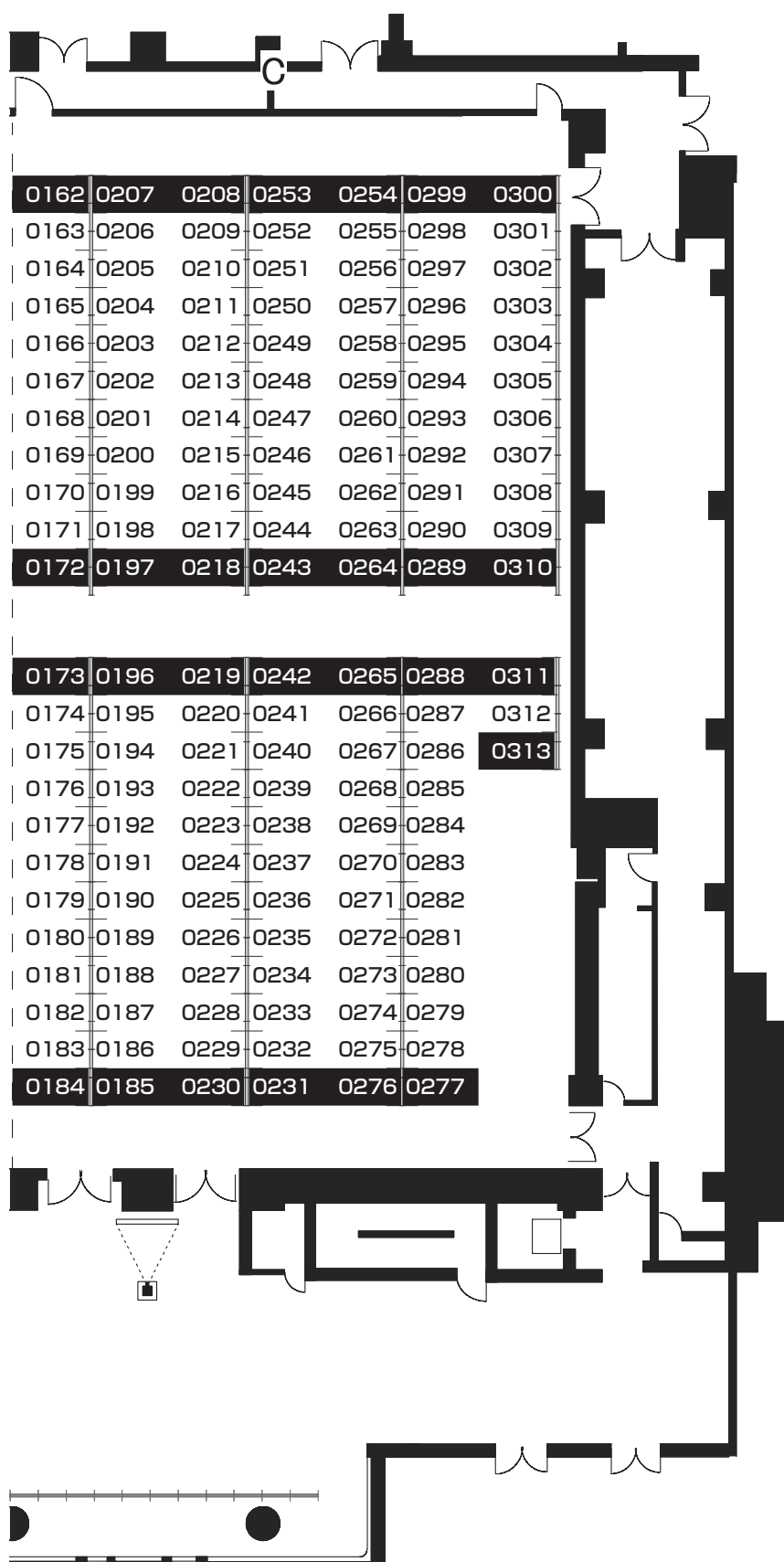
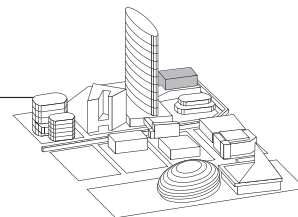
*How to identify your poster panel: ex. 1P-0075: Day 1, Panel number 0075)

Topic	Place	Day 1 Dec. 3 (Tue)	Day 2 Dec. 4 (Wed)	Day 3 Dec. 5 (Thu)
A. Molecular Structure and Biological Information				
a Genes / Nucleic Acids / Genome Structures	Poster Room 1 Kobe Portopia Hotel South Wing 1F "Ohwada"	1P-0001 ~ 0030	2P-0001 ~ 0031	3P-0001 ~ 0031
b Omics		1P-0031 ~ 0048	2P-0032 ~ 0049	3P-0032 ~ 0050
c Postgenomic Analyses		1P-0049 ~ 0057	2P-0050 ~ 0058	3P-0051 ~ 0060
d Protein structure		1P-0058 ~ 0084	2P-0059 ~ 0085	3P-0061 ~ 0088
e Molecular Evolution		1P-0085 ~ 0098	2P-0086 ~ 0099	3P-0089 ~ 0101
f Carbohydrates / Lipids		1P-0099 ~ 0111	2P-0100 ~ 0111	3P-0102 ~ 0113
g Molecular Structure / Biological Information		1P-0112 ~ 0115	2P-0112 ~ 0115	3P-0114 ~ 0117
B. Functions of Molecules and Complexes				
a Replication (DNA, RNA, Chromosomes)	Poster Room 1 Kobe Portopia Hotel South Wing 1F "Ohwada"	1P-0116 ~ 0133	2P-0116 ~ 0133	3P-0118 ~ 0134
b Recombination / Modifications / Mutations		1P-0134 ~ 0169	2P-0134 ~ 0170	3P-0135 ~ 0171
c Transcription		1P-0170 ~ 0208	2P-0171 ~ 0208	3P-0172 ~ 0210
d Translation		1P-0209 ~ 0219	2P-0209 ~ 0219	3P-0211 ~ 0222
e Epigenetic Regulation		1P-0220 ~ 0259	2P-0220 ~ 0258	3P-0223 ~ 0262
f RNA Functions / RNA Processing		1P-0260 ~ 0289	2P-0259 ~ 0288	3P-0263 ~ 0291
g Functions of Molecules and Complexes		1P-0290 ~ 0311	2P-0289 ~ 0311	3P-0292 ~ 0313
C. Cellular Structures and Functions				
a Nuclear Structures and Genome Functions (Chromosome / Chromatin / Nucleoli)	Poster Room 2 Kobe International Exhibition Hall No. 1 Bldg, 1F	1P-0314 ~ 0336	2P-0314 ~ 0336	3P-0314 ~ 0337
b Structure, Function and Organization of Cytoplasmic Organelle		1P-0337 ~ 0357	2P-0337 ~ 0357	3P-0338 ~ 0358
c Cell-Cell Interaction / Cell Motility / Extracellular Matrix		1P-0358 ~ 0375	2P-0358 ~ 0376	3P-0359 ~ 0377
d Protein Processing, Transport and Localization		1P-0376 ~ 0404	2P-0377 ~ 0405	3P-0378 ~ 0406
e Cell Membranes / Cytoskeleton		1P-0405 ~ 0420	2P-0406 ~ 0421	3P-0407 ~ 0422
f Cell Proliferation / Division / Cell Cycle		1P-0421 ~ 0451	2P-0422 ~ 0451	3P-0423 ~ 0452
g Signal Transduction		1P-0452 ~ 0518	2P-0452 ~ 0517	3P-0453 ~ 0518
h Cell Death		1P-0519 ~ 0534	2P-0518 ~ 0534	3P-0519 ~ 0535
i Bioactive Substance		1P-0535 ~ 0547	2P-0535 ~ 0547	3P-0536 ~ 0548
j Cellular Structures and Functions		1P-0548 ~ 0558	2P-0548 ~ 0558	3P-0549 ~ 0559
D. Development and Regeneration, Neuroscience				
a Embryogenesis	Poster Room 3 Kobe International Exhibition Hall No. 1 Bldg, 2F	1P-0560 ~ 0570	2P-0560 ~ 0570	3P-0560 ~ 0570
b Organ / Morphogenesis		1P-0571 ~ 0609	2P-0571 ~ 0609	3P-0571 ~ 0609
c Regeneration, Stem Cells and Cell Differentiation		1P-0610 ~ 0662	2P-0610 ~ 0662	3P-0610 ~ 0662
d Germ Cells and Fertilization		1P-0663 ~ 0680	2P-0663 ~ 0681	3P-0663 ~ 0681
e Neurodevelopment		1P-0681 ~ 0701	2P-0682 ~ 0701	3P-0682 ~ 0701
f Brain, Nervous Systems		1P-0702 ~ 0744	2P-0702 ~ 0744	3P-0702 ~ 0742
E. Biology of Diseases				
a Immunity	Poster Room 3 Kobe International Exhibition Hall No. 1 Bldg, 2F	1P-0745 ~ 0770	2P-0745 ~ 0769	3P-0743 ~ 0767
b Infection		1P-0771 ~ 0789	2P-0770 ~ 0787	3P-0768 ~ 0785
c Aging		1P-0790 ~ 0805	2P-0788 ~ 0804	3P-0786 ~ 0802
d Cancer		1P-0806 ~ 0885	2P-0805 ~ 0885	3P-0803 ~ 0882
e Metabolism		1P-0886 ~ 0908	2P-0886 ~ 0908	3P-0883 ~ 0904
f Genetic Disease		1P-0909 ~ 0926	2P-0909 ~ 0927	3P-0905 ~ 0922
g Others Biology of Diseases		1P-0927 ~ 0941	2P-0928 ~ 0943	3P-0923 ~ 0938
F. Methods and Techniques				
a DNA, RNA Technology	Poster Room 3 Kobe International Exhibition Hall No. 1 Bldg, 2F	1P-0942 ~ 0959	2P-0944 ~ 0962	3P-0939 ~ 0956
b Protein Technology		1P-0960 ~ 0979	2P-0963 ~ 0983	3P-0957 ~ 0976
c Cell Engineering / Developmental Engineering		1P-0980 ~ 0991	2P-0984 ~ 0995	3P-0977 ~ 0988
d Chemical Biology		1P-0992 ~ 1004	2P-0996 ~ 1007	3P-0989 ~ 1000
e Analysis and Diagnosis of Diseases		1P-1005 ~ 1013	2P-1008 ~ 1015	3P-1001 ~ 1009
f Methods and Techniques		1P-1014 ~ 1041	2P-1016 ~ 1043	3P-1010 ~ 1037
g Bioinformatics		1P-1042 ~ 1058	2P-1044 ~ 1060	3P-1038 ~ 1055
G. Others				
a Others	Poster Room 3	1P-1059 ~ 1075	2P-1061 ~ 1076	3P-1056 ~ 1072

Poster Room1

Kobe Portopia Hotel (Ohwada)





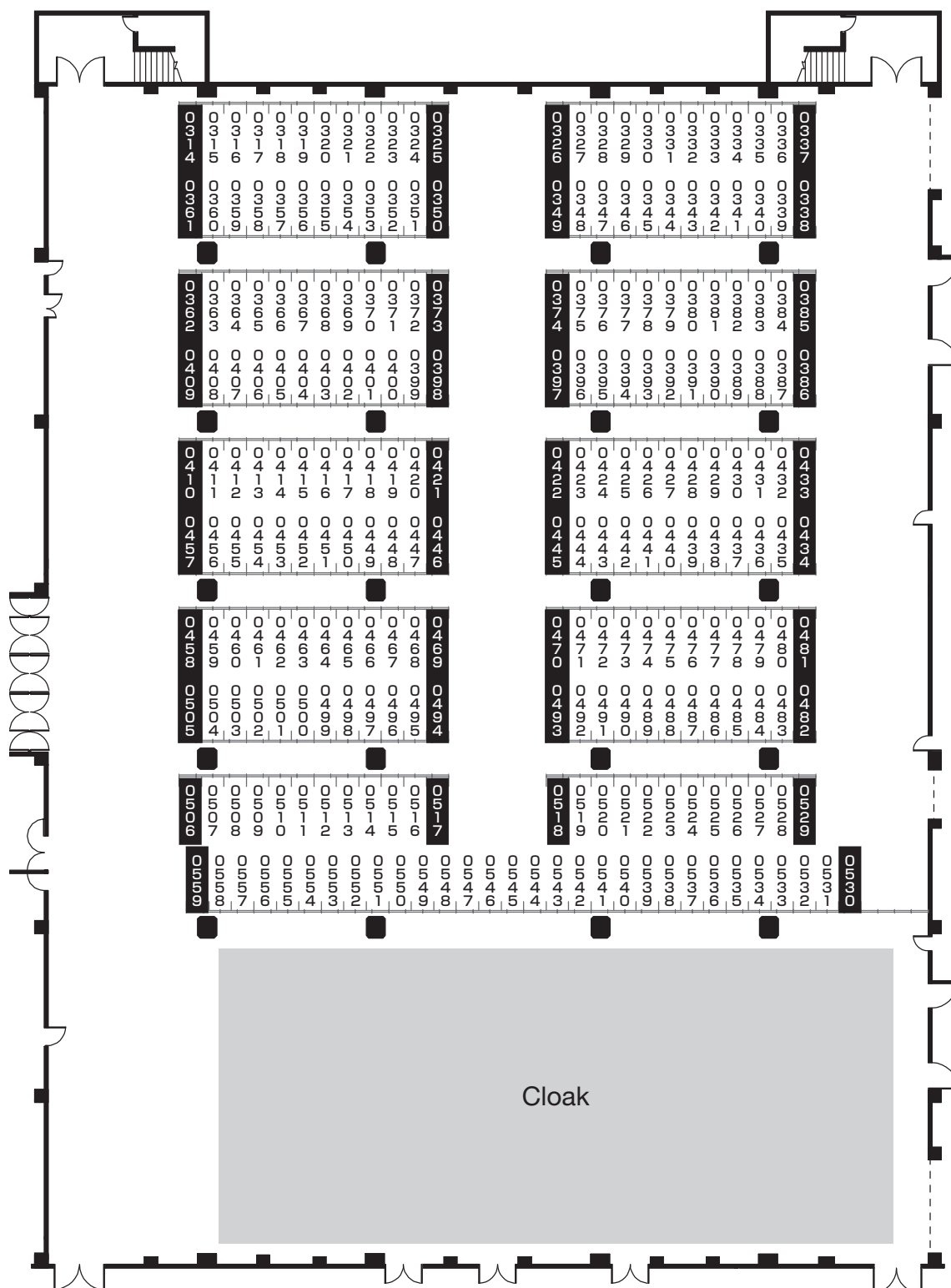
Wi-Fi Available Areas

· All Lecture / Poster Rooms

*Wireless network can be unstable in some spots.
 *Please refrain from using the internet during lectures.
 *Please switch off mobile Wi-Fi routers in Wi-Fi available areas to avoid wireless interference.

Poster Room 2

Kobe International Exhibition Hall (No.1 Bldg. 1F)



Wi-Fi Available Areas



· All Lecture / Poster Rooms

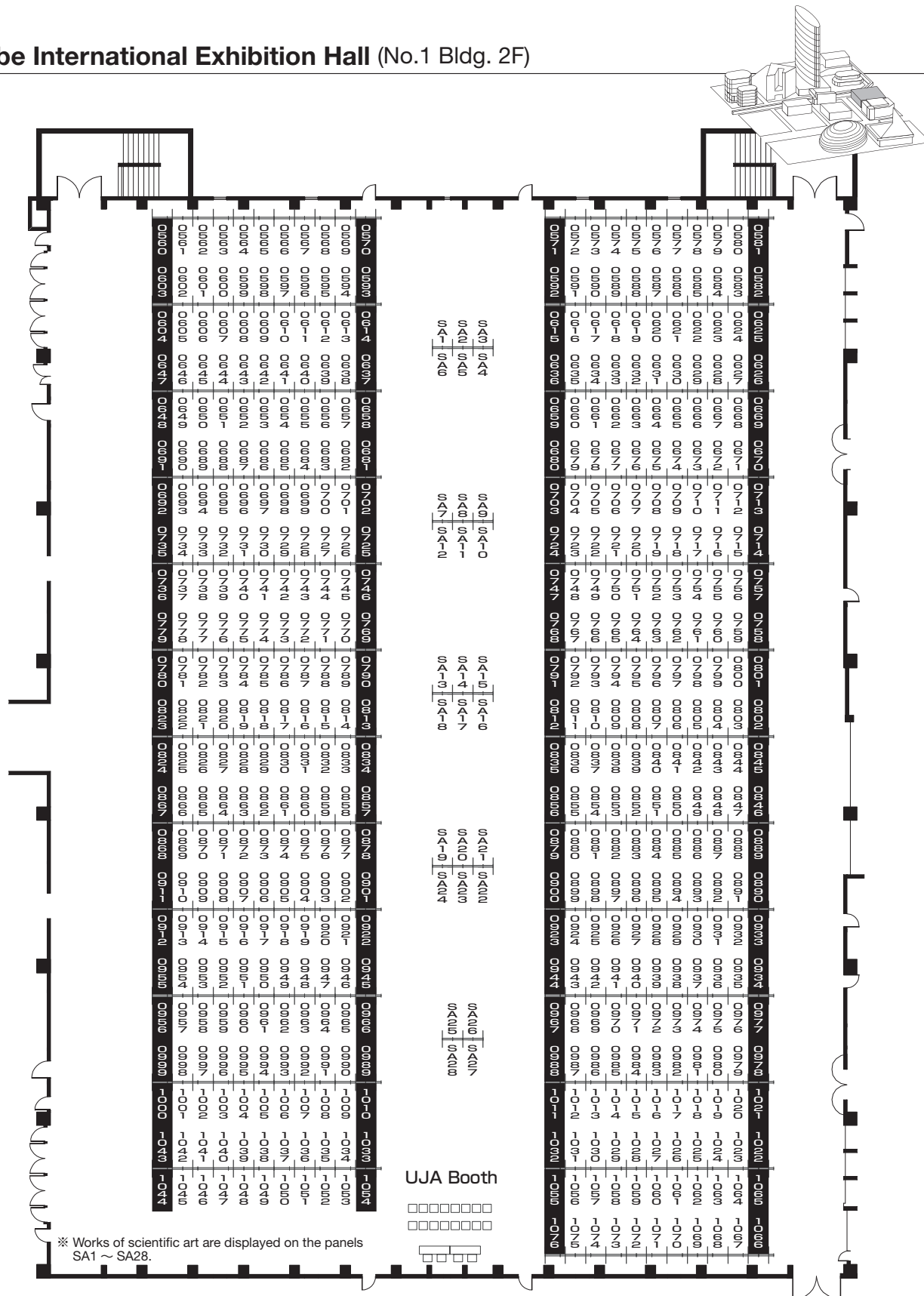
*Wireless network can be unstable in some spots.

*Please refrain from using the internet during lectures.

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

Poster Room 3

Kobe International Exhibition Hall (No.1 Bldg. 2F)



Wi-Fi Available Areas



・ All Lecture / Poster Rooms

*Wireless network can be unstable in some spots.

*Please refrain from using the internet during lectures.

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

MBSJ 2013 Exhibitors List

AB SCIEX	Hitachi Koki Co., Ltd.	ORIENTAL YEAST CO., LTD.
Active Motif. Inc	Hitachi, Ltd., Central Research Laboratory	Oxford University Press
Affymetrix Japan K.K.	IEDA TRADING CORPORATION	PDBj: Protein Data Bank Japan
ALC EDUCATION INC.	Ikeda Scientific Co., Ltd.	Peptide Institute, Inc.
ALOKA CO., LTD	Illumina K.K.	PerkinElmer Japan Co., Ltd.
Altif Laboratories Inc.	IMMD Inc.	PHOTONIC INSTRUMENTS Co., Ltd
Analytik Jena Japan Co., Ltd.	in silico biology, inc./ Nihon BIOBASE KK	Plat'Home Co., Ltd.
APRO Life Science Institute, Inc.	INA • OPTIKA CO., LTD	Precision Sytem Science Co., Ltd
AR BROWN CO., LTD.	InfoBio Co., Ltd.	Primetech Corporation
AS ONE corporation	Inter Medical co., Ltd	Promega K.K
Asahi Glass Co., Ltd,	Ishihara Sangyo Kaisha, Ltd	ProteNova Co Ltd. / Kagawa Industry Support Foundation
Asahi Life Science Co., Ltd	IWAI CHEMICALS COMPANY LTD.	Rainin Instrument, LLC Japan Office
Asahi Techneion Co., Ltd	Japan Bio Services Co., LTD.	RelyOn Ltd.
Assist Co., Ltd	Japan Consortium for Glycobiology and Glycotechnology (JCGG)	Richell Corporation
ASTEC CO., LTD	Japan SLC, Inc.	RIKEN GENESIS CO., LTD.
ATTO Corporation	J-Bio21 Corp.	Roche Diagnostics K. K.
BeckmanCoulter Japan	Kagaku-Dojin Publishing Company, INC	Ryoka Systems Inc.
Berthold Japan K.K	KANTO CHEMICAL CO., INC.	SANPLATEC CORP.
BEX CO., LTD.	Katakura Industries CO., LTD.	SANYO Electric Co., Ltd
Bio Optical Inc.	Kazusa DNA Research Institute	Sarstedt KK
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