








COMPOSE

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 **ConBio2017 Secretariat** conbio2017@aeplan.co.jp via n01.smp.ne.jp  
to me

Abstract Submission Number: FE0167  
Dear Mr. Hartono Hartono,

Thank you very much for submitting an abstract for **ConBio2017**.  
This is to inform that your abstract has been accepted as follows.

Title: THE ROLE OF NUCLEOPORIN NUP58 DURING MITOSIS

\* The title may not be shown correctly in this message if it includes HTML tag.  
However, it will be shown correctly in program booklet and online abstracts/app.

Presentation Style: Poster Presentation  
Poster Number: 2P-0348  
Presentation Date: December 7 (Thu.)  
Presentation Time: 13:15 - 15:45  
(Odd number: 13:15 - 14:30, Even number: 14:30 - 15:45)  
Place: Poster Hall 1-2 (Kobe Int'l Exhibition Hall No.1 Bldg. 2F)

\*Usable space of each poster panel is W120cm x H150cm.

\*The last 4-digit of presentation number will be indicated on the upper left of each panel.

\*Please place your poster on the panel with your presentation number between 8:00 - 10:00 on your presentation day.

\*Please remove your poster by yourself between 18:30 - 19:00 after presentation.

\*Presentation title, author(s), affiliation(s) should be appear at the top of the poster in a large enough font to be read easily from a distance of 5 meters or more.

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

\*Text size of the other part of the poster should be large enough to be read from a distance of 2 meters or more.



# Poster Timetable

Date: December 6 (Wed) – 8 (Fri) \*Each poster will be displayed for ONE DAY only.

Presentation / Discussion: Odd number 13:15–14:30 Even number 14:30–15:45

Venue: Poster & Exhibition Hall 1–1 (Kobe International Exhibition Hall No.1 Bldg. 1F) Poster No. 0001~014  
 Poster Hall 1–2 (Kobe International Exhibition Hall No.1 Bldg. 2F) Poster No. 0145~061  
 Poster & Exhibition Hall 2 (Kobe International Exhibition Hall No.2 Bldg. 1F) Poster No. 0619~105  
 Poster & Exhibition Hall 3 (Kobe International Exhibition Hall No.3 Bldg. 1F) Poster No. 1051~146

ex) 1P-0053 (Day 1 / Panel No. 0053)

Categories	Day 1 Dec. 6 (Wed)	Day 2 Dec. 7 (Thu)	Day 3 Dec. 8 (Fri)
1) Glycoproteins and proteoglycans	1P-0001~0031		
2) Lectins	1P-0032~0050		
3) Carbohydrate-related enzymes	1P-0051~0069	2P-0001~0018	
4) Glycomics		2P-0019~0025	
5) Glycolipids			3P-0001~0033
6) Phospholipids	1P-0070~1P-0089	2P-0026~0048	
7) Bioactive lipids			3P-0034~0072
8) Sterols, steroids, lipoproteins			3P-0073~0081
9) Fatty acids and storage lipids		2P-0049~0067	
10) Lipidomics	1P-0090~0095		
11) Others	1P-0096~0104		
1) Structural biology and prediction of functions	1P-0105~0144	2P-0068~0118	3P-0082~0118
2) Protein folding and quality control	1P-0145~0173	2P-0119~0144	3P-0119~0144
3) Proteolysis	1P-0174~0193	2P-0145~0157	3P-0145~0157
4) Protein modifications	1P-0194~0213	2P-0158~0167	3P-0158~0170
5) Proteomics	1P-0214~0223	2P-0168~0176	3P-0171~0180
6) Others	1P-0224~0242	2P-0177~0186	3P-0181~0190
1) Catalytic mechanism, regulation, inhibition of enzymes	1P-0243~0265	2P-0187~0201	3P-0191~0208
2) Oxidoreductases and metalloenzymes	1P-0266~0287	2P-0202~0216	3P-0209~0226
3) General enzymes	1P-0288~0308	2P-0217~0231	3P-0227~0243
4) Coenzymes, vitamins, minerals		2P-0232~0238	
5) Bioenergetics and electron transport chain		2P-0239~0255	
6) Others			3P-0244~0248
1) Transporters			3P-0249~0272
2) Structures and functions of the nucleus and organelles	1P-0309~0344	2P-0256~0275	3P-0273~0294
3) Intracellular trafficking system	1P-0345~0357	2P-0276~0289	3P-0295~0315
4) Autophagy		2P-0290~0309	3P-0316~0336
5) Cytoskeleton, cell motility and adhesion, extracellular matrix	1P-0358~0411	2P-0310~0346	3P-0337~0367
6) Cell cycle, cell division, cell polarity	1P-0412~0437	2P-0347~0366	3P-0368~0391
7) Apoptosis and cell death	1P-0438~0467	2P-0367~0381	3P-0392~0406
8) Others		2P-0382~0391	3P-0407~0418
1) Extracellular signaling molecules, receptors, ion channels	1P-0468~0499	2P-0392~0417	
2) Nuclear receptors		2P-0418~0436	
3) G proteins and signaling proteins	1P-0500~0535	2P-0437~0457	3P-0419~0451
4) Protein kinases and phosphatases		2P-0458~0476	3P-0452~0471
5) Stress response and redox response	1P-0536~0589	2P-0477~0516	3P-0472~0521
6) Others	1P-0590~0617	2P-0517~0529	
1) Genome, chromosome, structure and functions of the nucleus	1P-0619~0639	2P-0530~0549	3P-0522~0541
2) Chromatin and epigenetics	1P-0640~0682	2P-0550~0579	3P-0542~0578
3) DNA replication, DNA recombination, DNA mutation and repair	1P-0683~0729	2P-0580~0618	3P-0579~0618
4) Transcriptional regulation	1P-0730~0758	2P-0619~0652	3P-0619~0651
5) RNA processing, transport and translation, non-coding RNAs	1P-0759~0814	2P-0653~0702	3P-0652~0701
6) Others			3P-0702~0732
1) Germ cells and fertilization	1P-0815~0839	2P-0703~0722	3P-0733~0752
2) Embryogenesis, organogenesis, morphogenesis	1P-0840~0889	2P-0723~0769	3P-0753~0799
3) Stem cells and cell differentiation	1P-0890~0932	2P-0770~0809	3P-0800~0839
4) Developmental engineering and regenerative medicine			3P-0840~0866
5) Others			3P-0867~0888

Categories		Day 1 Dec. 6 (Wed)	Day 2 Dec. 7 (Thu)	Day 3 Dec. 8 (Fri)
1)	Cancer	1P-0933~1050	2P-0810~0917	3P-0889~0995
2)	Immunity and immune diseases	1P-1051~1098	2P-0918~0952	3P-0996~1030
3)	Infectious diseases	1P-1099~1120	2P-0953~0972	3P-1031~1050
4)	Metabolic diseases, metabolic syndrome, metabolomics, aging	1P-1121~1181	2P-0973~1050	3P-1051~1085
5)	Brain, nervous system, mental disorders	1P-1182~1230	2P-1051~1086	3P-1086~1120
6)	Hereditary disorders	1P-1231~1247	2P-1087~1103	3P-1121~1136
7)	Diagnosis, xenobiotic metabolism, toxicology		2P-1104~1125	3P-1137~1156
8)	Others		2P-1126~1144	3P-1157~1171
1)	Development and differentiation of nervous system	1P-1248~1267	2P-1145~1159	3P-1172~1186
2)	Synaptic transmission and plasticity, memory, learning, behavior	1P-1268~1303	2P-1160~1179	3P-1187~1201
3)	Sensory system, biological clock, photoperiodism		2P-1180~1192	3P-1202~1214
4)	Others		2P-1193~1212	3P-1215~1229
1)	Plant cells, organelles, organogenesis			3P-1230~1242
2)	Plant genome and genes, omics analyses		2P-1213~1225	3P-1243~1255
3)	Photosynthesis, environmental responses, plant pathogenic microorganisms		2P-1226~1241	3P-1256~1271
4)	Plant hormones and signal transduction			3P-1272~1277
5)	Agrobiological and food science		2P-1242~1275	3P-1278~1307
6)	Others		2P-1276~1293	
1)	Bioinformatics		2P-1294~1312	3P-1308~1325
2)	Systems biology and synthetic biology		2P-1313~1327	3P-1326~1340
3)	Molecular evolution and taxonomy		2P-1328~1340	3P-1341~1353
4)	Omics analysis technologies (genomics, proteomics, metabolomics)		2P-1341~1359	3P-1354~1371
5)	Genetic engineering, nucleic acid engineering, genome editing	1P-1304~1343	2P-1360~1389	3P-1372~1391
6)	Protein engineering, antibody engineering, cell engineering	1P-1344~1401	2P-1390~1421	3P-1392~1416
7)	Chemical biology		2P-1422~1444	3P-1417~1436
8)	Bioimaging and biosensors	1P-1402~1426	2P-1445~1462	3P-1437~1452
9)	Others	1P-1427~1464		3P-1453~1464
1)	Others		2P-1463~1464	

## Information for Participants

### 1. Registration

#### ◆ Registration

#### **[For those who have completed Advance Registration by October 16]**

Residents in Japan who have already completed advance registration with a full payment of registration fee by the due date will receive a name badge by post 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 Registration Desk 1 to pick up your name badge.

#### **[For Late / On-site Registrants (including those who failed to pay advance registration fee by the due date)]**

All participants including On-site Registrants are required to register online. Please access the system for Late/On-site Registration and complete registration first. Then, you need to show a barcode which is printed on a "Registration Confirmation Sheet" or displayed on your device at the registration desk below. After receiving the payment of registration fee, our staff will issue your name badge by scanning the barcode.

#### ◆ Registration Desks

	Location	Open Hours	Details
Registration Desk 1	Foyer, 1F, No. 2 Building, Kobe International Exhibition Hall	Dec. 6 - 8 8:00 -17:00  <u>*Closed on Dec. 9</u>	Late Registration On-site Registration General Information JBS/MBSJ Desk Accommodation, etc
Registration Desk 2	Foyer, B1F, Main Building, Portopia Hotel	Dec. 6 - 8 8:00 -18:00  Dec. 9 8:00 -17:00  <u>*Credit cards are NOT accepted at Registration Desk 2.</u>	Dec. 6 - 8: Late Registration On-site Registration  Dec. 9: On-site Registration General Information JBS/MBSJ Desk

Kobe International Exhibition Hall opens at 8:00 am.

Please note that you will not be allowed entry prior to the opening time.

## ◆ Late Registration / On-site Registration Fees

Category	Late Registration/ On-site Registration	Lectures on Demand
<b>Members</b> JBS, MBSJ, FAOBMB, Participating Communities	JPY 13,000 (untaxed)	Available (included in registration fees)
<b>Student Members</b> (Graduate & Undergraduate Students) JBS, MBSJ, FAOBMB, Participating Communities	JPY 5,000 (untaxed)	
<b>Non-members</b>	JPY 22,000 (tax included)	Not Available
<b>Student Non-members</b> (Graduate & Undergraduate Students)	JPY 7,000 (tax included)	

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

The payment for JBS/MBSJ annual membership fee can be made at JBS/MBSJ Desk. Membership application is also available.

Date	Location
Dec.6 - 8	Next to Registration Desk 1 (Foyer, 1F, Hall No. 2 Building, Kobe International Exhibition Hall)
Dec. 9	Next to Registration Desk 2 (Foyer, B1F, Main Building, Portopia Hotel)

JBS admission (period: Apr. 1, 2017 – Mar. 31, 2018)

Type of Membership	Annual membership fee	Note
Regular Membership	JPY 7,500	JBS members can access to the online version of “The Journal of Biochemistry” for free. Members can also purchase a copy of the printed version of the journal at the member's rate.
Student Membership	JPY 3,000	

MBSJ admission (period: Oct. 1, 2017 – Sep. 30, 2018)

Type of Membership	Admission fee	Annual membership fee
Regular Membership	JPY 1,000	JPY 6,500
Student Membership	JPY 1,000	JPY 3,000

## 2. Online Program Search & Abstract Browsing System / App

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

Please access the program search and online abstract browsing system via ConBio2017 website.

<http://www.aeplan.co.jp/conbio2017/>

\*Available from November 15th (Wed), 2017 to April 2 (Mon), 2018.

### **[For those who have completed Advance Registration by October 16]**

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

ID: your registration number

PW: sent by email / printed on your name badge

**[For Late / On-site Registrants** (including those who failed to pay advance registration fee by the due date)]

You can search and view the programs without logging in, but CANNOT browse or download the abstracts.

Please receive your ID and PW to access the abstracts at the registration desk after the payment of registration fee.

Those who will not attend the meeting but want to purchase an ID and PW, please contact the secretariat at <conbio2017@aeplan.co.jp>.

### ◆ 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: ConBio2017

Search word: conbio2017

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

Most of the functions of the app work offline.

Wireless internet access is available at the rest area in the poster & exhibition hall. (see page 18 - 21 for wireless network area)

## 3. Luncheon Seminar

Lunch tickets will be distributed as follows:

When you receive a ticket, our staff will scan a barcode on your name badge. Please note that the information (name, affiliation, job title, and e-mail address) of participants who attended luncheon seminars will be disclosed to the hosting companies.

Ticket Booth for Luncheon Seminar: Foyer, 1F, Hall No. 2 Building,  
Kobe International Exhibition Hall  
Distribution Time: 8:00 – 10:30 \*close as all the tickets are distributed

### ◆ Attention

Lunch tickets are invalid after the starting time of the seminars, 11:45. Lunch ticket holders should receive a lunch box 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 a lunch ticket.

### ◆ Attending Luncheon Seminars after the ticket distribution

Please come to each seminar room directly. Please note that there will be no lunch provided in this case. (Lunch will be provided if there is any left.) When you enter a seminar room, our staff will scan the barcode on your name badge. The information (name, affiliation, job title, and e-mail address) of participants who attended luncheon seminars will be disclosed to the hosting companies.

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

Exhibitions of instruments, reagents, and publications will be held at the Exhibition Hall with numbers of interesting booths. Please complete the registration procedure even if you want to attend only the exhibition.

Date & Time: Dec 6– 8 10:00 – 17:00

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

## 4. Services & Facilities

### ◆ Snacks • Drinks

Drinks are available at each Poster & Exhibition Hall.

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

### ◆ 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 follows. No valuables or computers can be checked in to the cloak since the meeting does not hold any responsibility for loss or damage of your belongings.

Location	Open Hours
1F & B1F, Main Building, Portopia Hotel	Dec.6-9 8:00-19:00
1F, No. 2 Building, Kobe International Exhibition Hall	Dec. 6-8 8:00-19:00 *Closed on Dec. 9
B1F, Kobe International Conference Center	Dec. 9 8:00-18:00 *Open on ONLY Dec. 9

## ◆ Internet

Wireless internet access is available at the rest area in Poster & Exhibition Hall (No. 1, 2, and 3 Building, Kobe International Exhibition Hall) for your use of own devices.

## ◆ Travel Desk

Travel Desk by Nippon Travel Agency 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	7:00-22:00	JPY 700 / day	194 cars
West Temporary Parking Space	7:00-22:00	JPY 700 / day	250cars
South Temporary Parking Space	7:00-22:00	JPY 700 / day	496cars
Port Island Sewage Farm Rooftop Parking	24hours	JPY 100 / hour	259cars
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 JPY 750 for over 4 hours	200cars
Shimin-Hiroba Underground Parking	7:30-22:00	JPY 150/ hour	186cars

## ◆ ATM

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There are banks, post office and ATM around the conference venue. Please refer to the area map on page 14.

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

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The business center is located in the office on 2F of Kobe International Conference Center. Copy and Fax service is provided with a charge. Courier service (Yamato Transport) is also provided.

## ◆ Convenience Store

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There are convenience stores (LAWSON, Family Mart), supermarket (Daiei) around the conference venue. Please refer to the area map on page 14.

## 5. Prohibitions

### ◆ Photography • Recording

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

### ◆ Cellphone use

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Talking on a cellphone in 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 some designated smoking area.

Building	Floor	Room	Venue	9:00	10:00	11:00	12:00	13:00	
Main Building	B1F	Kairaku 1	Room 1	[1AW01] How to maintain the database that works? <b>LOD J</b>	[1LS01] KLV CO., LTD.				
		Kairaku 2	Room 2	[1AW02] Launching an RNA physiology with interdisciplinary approaches —An attempt to elucidate molecular mechanisms in functions of long noncoding RNAs— <b>LOD J</b>	[1LS02] Thorlabs Japan Inc.				
		Kairaku 3	Room 3	[1AW03] Transcriptional and epigenetic regulation in characteristic determination of adipocyte <b>LOD J</b>	[1LCS03] Bennese i-Career Co., Ltd.				
		Waraku	Room 4	[1AS04] Impact of modern protistology and parasitology on cutting edge science <b>LOD J</b>	[1LS04] COSMO BIO CO., LTD.				
		Kikusui	Room 5	[1AW05] Frontiers in protein dynamics science by X-ray free electron lasers <b>LOD J/E</b>					
		Kitano	Room 6	[1AW06] Various functions of transglutaminase gene family from microorganisms to humans <b>LOD J</b>					
		Nunobiki	Room 7	[1AW07] The surge of TOR research <b>LOD J/E</b>					
		Ikuta	Room 8	[1AW08] Towards innovation and understanding of biological phenomena by quantum sensor <b>LOD J</b>					
		Topaz	Room 9	[1AW09] Insect club formal version in ConBio for insect geeks 4: next approaches to entomology from not only molecular aspect but also morphology and biological phenomena <b>LOD J</b>					
		Ruby	Room 10	[1AW10] The Dawn of Giant Virus Biology <b>LOD J/E</b>					
South Wing	B1F	Diamond	Room 11	FAOBMB Education Symposium <b>E</b>					
		Emerald	Room 12	9:30	JST Satellite Symposium <b>J</b>				
		[1PT11] Enzymes, Redox, Bioenergetics I							
		[1PT12] Enzymes, Redox, Bioenergetics II							
Kobe International Conference Center	1F	Main Hall	Room 13	9:00	[1PL01] LOD J Tadatsugu Taniguchi	10:30	11:25		
		International Conference Room	Room 14	[1AS14] New era of organelle biology <b>J</b>	[1LS14] TAKARA BIO INC.				
	3F	Reception Hall	Room 15	[1AW15] Transcription and cellular functions regulated by cytoskeleton: cellular phenotypic modulation and diseases <b>J</b>					
		401+402	Room 16	[1AW16] New aspects of biology: functions, biogenesis, homeostasis, and diseases <b>J</b>					
	5F	501	Room 17	[1AW17] Integrated Muscle Biology <b>LOD J/E</b>					
		502	Room 18	[1AW18] Decoding of organelle zone responsible for cellular function <b>LOD J</b>					
		504+505	Room 19	[1AW19] Zinc signaling in cellular proliferation, differentiation, and death <b>LOD E</b>					
		503 Lobby	Special Venue						
	Kobe International Exhibition Hall	2F	2A	Room 20	[1AW20] Biology for overcoming intractable diseases: From reproduction to childhood <b>LOD J/E</b>				
			2B	Room 21	[1AW21] Understanding of molecular pathogenesis of developmental disorders approaching from disease model animals <b>LOD J</b>				
3A			Room 22	[1AS22] New aspect of phospholipid dynamics of cell membrane: lipids regulate the fundamental cell functions <b>LOD J</b>					
3B			Room 23	[1AW23] End malaria - Towards malaria elimination <b>LOD J</b>					
No.1 Bldg. 1F/2F No.2 Bldg. 1F No.3 Bldg. 1F		Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3		10:00	Poster Exhibition				
		Exhibition Hall 1-1, 2, 3		9:00	Exhibition of Instruments, Reagents & Publications				
3F		Hall A	Room 24	[1AW24] Novel insights of glial pathophysiology in the brain disorders <b>J</b>					
		Hall B	Room 25	[1AW25] Origin and evolution of the genetic code "Magic 20" <b>LOD J</b>					
		Meeting Room T+2	Room 26	[1AT26] Glycobiology and Lipid Biology I					
		Meeting Room 3	Room 27	[1AW27] Glycosylation and CNS disorders stemming from peripheral dysfunctions <b>LOD J</b>					

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		Emerald	Room 12	9:30	JST Satellite Symposium <b>J</b>				
		[1PT11] Enzymes, Redox, Bioenergetics I							
		[1PT12] Enzymes, Redox, Bioenergetics II							
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	5F	501	Room 17	[1AW17] Integrated Muscle Biology <b>LOD J/E</b>					
		502	Room 18	[1AW18] Decoding of organelle zone responsible for cellular function <b>LOD J</b>					
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3A			Room 22	[1AS22] New aspect of phospholipid dynamics of cell membrane: lipids regulate the fundamental cell functions <b>LOD J</b>					
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		Meeting Room T+2	Room 26	[1AT26] Glycobiology and Lipid Biology I					
		Meeting Room 3	Room 27	[1AW27] Glycosylation and CNS disorders stemming from peripheral dysfunctions <b>LOD J</b>					

Building	Floor	Room	Venue	9:00	10:00	11:00	12:00	13:00	
Main Building	B1F	Kairaku 1	Room 1	[1AW01] How to maintain the database that works? <b>LOD J</b>	[1LS01] KLV CO., LTD.				
		Kairaku 2	Room 2	[1AW02] Launching an RNA physiology with interdisciplinary approaches —An attempt to elucidate molecular mechanisms in functions of long noncoding RNAs— <b>LOD J</b>	[1LS02] Thorlabs Japan Inc.				
		Kairaku 3	Room 3	[1AW03] Transcriptional and epigenetic regulation in characteristic determination of adipocyte <b>LOD J</b>	[1LCS03] Bennese i-Career Co., Ltd.				
		Waraku	Room 4	[1AS04] Impact of modern protistology and parasitology on cutting edge science <b>LOD J</b>	[1LS04] COSMO BIO CO., LTD.				
		Kikusui	Room 5	[1AW05] Frontiers in protein dynamics science by X-ray free electron lasers <b>LOD J/E</b>					
		Kitano	Room 6	[1AW06] Various functions of transglutaminase gene family from microorganisms to humans <b>LOD J</b>					
		Nunobiki	Room 7	[1AW07] The surge of TOR research <b>LOD J/E</b>					
		Ikuta	Room 8	[1AW08] Towards innovation and understanding of biological phenomena by quantum sensor <b>LOD J</b>					
		Topaz	Room 9	[1AW09] Insect club formal version in ConBio for insect geeks 4: next approaches to entomology from not only molecular aspect but also morphology and biological phenomena <b>LOD J</b>					
		Ruby	Room 10	[1AW10] The Dawn of Giant Virus Biology <b>LOD J/E</b>					
South Wing	B1F	Diamond	Room 11	FAOBMB Education Symposium <b>E</b>					
		Emerald	Room 12	9:30	JST Satellite Symposium <b>J</b>				
		[1PT11] Enzymes, Redox, Bioenergetics I							
		[1PT12] Enzymes, Redox, Bioenergetics II							
Kobe International Conference Center	1F	Main Hall	Room 13	9:00	[1PL01] LOD J Tadatsugu Taniguchi	10:30	11:25		
		International Conference Room	Room 14	[1AS14] New era of organelle biology <b>J</b>	[1LS14] TAKARA BIO INC.				
	3F	Reception Hall	Room 15	[1AW15] Transcription and cellular functions regulated by cytoskeleton: cellular phenotypic modulation and diseases <b>J</b>					
		401+402	Room 16	[1AW16] New aspects of biology: functions, biogenesis, homeostasis, and diseases <b>J</b>					
	5F	501	Room 17	[1AW17] Integrated Muscle Biology <b>LOD J/E</b>					
		502	Room 18	[1AW18] Decoding of organelle zone responsible for cellular function <b>LOD J</b>					
		504+505	Room 19	[1AW19] Zinc signaling in cellular proliferation, differentiation, and death <b>LOD E</b>					
		503 Lobby	Special Venue						
	Kobe International Exhibition Hall	2F	2A	Room 20	[1AW20] Biology for overcoming intractable diseases: From reproduction to childhood <b>LOD J/E</b>				
			2B	Room 21	[1AW21] Understanding of molecular pathogenesis of developmental disorders approaching from disease model animals <b>LOD J</b>				
3A			Room 22	[1AS22] New aspect of phospholipid dynamics of cell membrane: lipids regulate the fundamental cell functions <b>LOD J</b>					
3B			Room 23	[1AW23] End malaria - Towards malaria elimination <b>LOD J</b>					
No.1 Bldg. 1F/2F No.2 Bldg. 1F No.3 Bldg. 1F		Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3		10:00	Poster Exhibition				
		Exhibition Hall 1-1, 2, 3		9:00	Exhibition of Instruments, Reagents & Publications				
3F		Hall A	Room 24	[1AW24] Novel insights of glial pathophysiology in the brain disorders <b>J</b>					
		Hall B	Room 25	[1AW25] Origin and evolution of the genetic code "Magic 20" <b>LOD J</b>					
		Meeting Room T+2	Room 26	[1AT26] Glycobiology and Lipid Biology I					
		Meeting Room 3	Room 27	[1AW27] Glycosylation and CNS disorders stemming from peripheral dysfunctions <b>LOD J</b>					

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		Kairaku 3	Room 3	[1AW03] Transcriptional and epigenetic regulation in characteristic determination of adipocyte <b>LOD J</b>	[1LCS03] Bennese i-Career Co., Ltd.				
		Waraku	Room 4	[1AS04] Impact of modern protistology and parasitology on cutting edge science <b>LOD J</b>	[1LS04] COSMO BIO CO., LTD.				
		Kikusui	Room 5	[1AW05] Frontiers in protein dynamics science by X-ray free electron lasers <b>LOD J/E</b>					
		Kitano	Room 6	[1AW06] Various functions of transglutaminase gene family from microorganisms to humans <b>LOD J</b>					
		Nunobiki	Room 7	[1AW07] The surge of TOR research <b>LOD J/E</b>					
		Ikuta	Room 8	[1AW08] Towards innovation and understanding of biological phenomena by quantum sensor <b>LOD J</b>					
		Topaz	Room 9	[1AW09] Insect club formal version in ConBio for insect geeks 4: next approaches to entomology from not only molecular aspect but also morphology and biological phenomena <b>LOD J</b>					
		Ruby	Room 10	[1AW10] The Dawn of Giant Virus Biology <b>LOD J/E</b>					
South Wing	B1F	Diamond	Room 11	FAOBMB Education Symposium <b>E</b>					
		Emerald	Room 12	9:30	JST Satellite Symposium <b>J</b>				
		[1PT11] Enzymes, Redox, Bioenergetics I							
		[1PT12] Enzymes, Redox, Bioenergetics II							
Kobe International Conference Center	1F	Main Hall	Room 13	9:00	[1PL01] LOD J Tadatsugu Taniguchi	10:30	11:25		
		International Conference Room	Room 14	[1AS14] New era of organelle biology <b>J</b>	[1LS14] TAKARA BIO INC.				
	3F	Reception Hall	Room 15	[1AW15] Transcription and cellular functions regulated by cytoskeleton: cellular phenotypic modulation and diseases <b>J</b>					
		401+402	Room 16	[1AW16] New aspects of biology: functions, biogenesis, homeostasis, and diseases <b>J</b>					
	5F	501	Room 17	[1AW17] Integrated Muscle Biology <b>LOD J/E</b>					
		502	Room 18	[1AW18] Decoding of organelle zone responsible for cellular function <b>LOD J</b>					
		504+505	Room 19	[1AW19] Zinc signaling in cellular proliferation, differentiation, and death <b>LOD E</b>					
		503 Lobby	Special Venue						
	Kobe International Exhibition Hall	2F	2A	Room 20	[1AW20] Biology for overcoming intractable diseases: From reproduction to childhood <b>LOD J/E</b>				
			2B	Room 21	[1AW21] Understanding of molecular pathogenesis of developmental disorders approaching from disease model animals <b>LOD J</b>				
3A			Room 22	[1AS22] New aspect of phospholipid dynamics of cell membrane: lipids regulate the fundamental cell functions <b>LOD J</b>					
3B			Room 23	[1AW23] End malaria - Towards malaria elimination <b>LOD J</b>					
No.1 Bldg. 1F/2F No.2 Bldg. 1F No.3 Bldg. 1F		Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3		10:00	Poster Exhibition				
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3F		Hall A	Room 24	[1AW24] Novel insights of glial pathophysiology in the brain disorders <b>J</b>					
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		Meeting Room T+2	Room 26	[1AT26] Glycobiology and Lipid Biology I					
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		Kairaku 3	Room 3	[1AW03] Transcriptional and epigenetic regulation in characteristic determination of adipocyte <b>LOD J</b>	[1LCS03] Bennese i-Career Co., Ltd.				
		Waraku	Room 4	[1AS04] Impact of modern protistology and parasitology on cutting edge science <b>LOD J</b>	[1LS04] COSMO BIO CO., LTD.				
		Kikusui	Room 5	[1AW05] Frontiers in protein dynamics science by X-ray free electron lasers <b>LOD J/E</b>					
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South Wing	B1F	Diamond	Room 11	FAOBMB Education Symposium <b>E</b>					
		Emerald	Room 12	9:30	JST Satellite Symposium <b>J</b>				
		[1PT11] Enzymes, Redox, Bioenergetics I							
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Kobe International Conference Center	1F	Main Hall	Room 13	9:00	[1PL01] LOD J Tadatsugu Taniguchi	10:30	11:25		
		International Conference Room	Room 14	[1AS14] New era of organelle biology <b>J</b>	[1LS14] TAKARA BIO INC.				
	3F	Reception Hall	Room 15	[1AW15] Transcription and cellular functions regulated by cytoskeleton: cellular phenotypic modulation and diseases <b>J</b>					
		401+402	Room 16	[1AW16] New aspects of biology: functions, biogenesis, homeostasis, and diseases <b>J</b>					
	5F	501	Room 17	[1AW17] Integrated Muscle Biology <b>LOD J/E</b>					
		502	Room 18	[1AW18] Decoding of					



Building	Floor	Room	Venue	9:00	10:00	11:00	12:00	13:00
Kobe Portopia Hotel	Main Building	B 1 F	Kairaku 1	Room 1	[2AS01] Molecular biology on radiation-induced carcinogenesis <b>LOD J/E</b>		[2LS01] SHIMADZU CORPORATION	12:45
			Kairaku 2	Room 2	[2AW02] Polycomb, new insights and old concepts: its molecular machinery of epigenetic regulation using animals <b>LOD J/E</b>		[2LS02] Promega KK	
			Kairaku 3	Room 3	[2AW03] Nuclear Receptors Biology <b>LOD J</b>		[2LS03] Wako Pure Chemical Industries, Ltd.	
			Waraku	Room 4	[2AS04] Microorganisms creating biosphere on the earth: their novel ecology and functions <b>LOD J</b>			
			Kikusui	Room 5	[2AW05] (Quantum Physics + Biochemistry) x Biology = ? ~What is "Quantum Biology"~ <b>LOD J/E</b>			
			Kitano	Room 6	[2AW06] The liquid biopsy test seeks for next generation molecular technologies <b>LOD J</b>			
			Nunobiki	Room 7	[2AW07] The Molecular Basis of Calcium signaling and its Application for Therapeutic Strategies Revealed by Multi-disciplinary and Innovative Technologies <b>LOD J</b>			
			Ikuta	Room 8	[2AW08] Exposome: regulation and responses to oxidative and environmental stresses <b>J</b>			
	South Wing	B 1 F	Topaz	Room 9	[2AS09] Central circuits for homeostasis: the core mechanism of vital functions <b>LOD J</b>			
			Ruby	Room 10	[2AW10] Novel cardiac development to accumulate base knowledge for regeneration of myocardium <b>LOD E</b>			
			Diamond	Room 11	FAOBMB Award Lectures / FEBS Lecture <b>E</b>			
			Emerald	Room 12	[2AT12] Cellular Response I			
Kobe International Conference Center	1 F	Main Hall	Room 13	[2PL01] <b>LOD J</b> Mitsuihoro Yanagida	11:25			
	3 F	International Conference Room	Room 14	[2AS14] Single-cell analysis leads to new insights in pharmacology <b>J</b>		[2LS14] Bio-Rad Lablatries K.K.	12:45	
		Reception Hall	Room 15	[2AW15] What are the extracellular vesicles telling us about the story of the human body? <b>J</b>				
	4 F	401+402	Room 16	[2AW16] How do living creatures manage a chance to determine themselves? <b>J</b>				
	5 F	501	Room 17	[2AW17] The Mechanobiology: Towards Comprehensive Understanding of Mechano-Sensing at Molecular, Cellular and Organismal Levels <b>LOD J</b>		[2LS17] Carl Zeiss Microscopy Co.,Ltd.		
		502	Room 18	[2AW18] Recapitulating cellular reactions in a test tube—Frontiers of in vitro reconstitution studies— <b>LOD J/E</b>		[2LS18] BEX CO.,LTD.		
		504+505	Room 19	[2AW19] New aspects of proteostasis regulation and diseases <b>LOD J</b>				
		503 Lobby	Special Venue		9:00			
	Kobe International Exhibition Hall	No.2 Bldg	2A	Room 20	[2AW20] Novel strategies toward understanding mechanisms that lead to refractory cancer <b>LOD J/E</b>			
			2B	Room 21	[2AW21] Focusing to the perivascular cells -from basic science to applied science- <b>LOD J/E</b>			
3A			Room 22	[2AS22] Regulation of differentiation of immune cells by transcription factors and epigenetic modification, and their relationship to diseases <b>LOD J</b>				
3B			Room 23	[2AW23] The Hormesis NeoBiology <b>LOD J</b>				
No.1 Bldg, 1F/2F No.2 Bldg, 1F No.3 Bldg, 1F		Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3		10:00	Poster Exhibition			
		Exhibition Hall 1-1, 2, 3		9:00	Exhibition of Instruments, Reagents & Publications			
Kobe Chamber of Commerce and Industry	3 F	Hall A	Room 24	[2AW24] Networks of molecules and cells that generate memory <b>LOD J</b>				
		Hall B	Room 25	[2AW25] Emerging aspects of skeletal muscle as a metabolic and endocrine tissue <b>LOD J</b>				
		Meeting Room 1+2	Room 26	[2AT26] Biology of Diseases I				
		Meeting Room 3	Room 27	[2AW27] Glycobiology Innovation through Chemistry Views <b>LOD J</b>				

13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
<p><b>【Session Numbers】</b> Date + AM/PM (A / P) + Symposium (S) /Workshop (W) + Room No. ex) 2AS13: Day 2 - AM - Symposium - Room13</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><b>【Lecture on Demand】</b> <b>LOD</b> "Lecture on Demand" available : (Some lectures may be unavailable depending on each speaker's request.)</p> <p> <span style="display:inline-block; width:10px; height:10px; background-color:gray; border:1px solid black;"></span> Plenary Lectures  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> Symposium  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> Talk  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> Forum  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> JBS/MSBJ programs  <span style="display:inline-block; width:10px; height:10px; background-color:white; border:1px solid black;"></span> Workshop  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> Poster  <span style="display:inline-block; width:10px; height:10px; background-color:lightgray; border:1px solid black;"></span> FAOBMB programs  <span style="display:inline-block; width:10px; height:10px; background-color:white; border:1px solid black;"></span> Luncheon                 </p>			<p>[2PW01] The designer RNAs : controlling the gene circuits based on the regulation of RNA-protein interactions <b>LOD J/E</b></p> <p>Jun-ichi Tomizawa Memorial – Future view from the beginning of molecular biology <b>LOD J/E</b></p> <p>[2PW03] Molecular mechanisms of genetic recombination for physiological function and technical application <b>LOD J</b></p> <p>[2PS04] Multi-layer regulation and maintenance of genetic information <b>LOD J/E</b></p> <p>[2PW05] Neon · metabolism ~ unexpected correlation with vital phenomena and energy metabolism <b>LOD J</b></p> <p>[2PW06] Unique mechanisms of cell/enzyme functions found in various microorganisms and their application <b>LOD J</b></p> <p>[2PW07] Structural biology for understanding cellular functions <b>LOD J</b></p> <p>[2PW08] Are we destined to design and synthesis genomes? <b>E</b></p> <p>[2PW09] Astrobiology: Search for life in the universe and the earth <b>LOD J</b></p> <p>[2PW10] Morphogen-mediated tissue patterning revisited - Multi-level regulation and its role in tissue patterning - <b>LOD E</b></p> <p>[2PW11] Nuclear actin and lamins - deciphering nuclear architecture <b>LOD E</b></p> <p>[2PW12] Understanding of nuclear function by imaging and quantitative analysis of chromatin dynamics <b>LOD J</b></p>		<p>[2PL02] <b>LOD J</b> Tadamiu Kishimoto</p> <p>[2PL03] <b>LOD J</b> Shizuo Akira</p> <p>[2PS14] Minority in life science: An unexpected trick by the action of minor elements that affect the whole system <b>J</b></p> <p>[2PW15] Protein Kinase Signaling System: Integrative studies of physiological approach and phosphoprotein analysis <b>J</b></p> <p>[2PW16] Nucleome regulation governed by chromatin and non-coding RNA <b>J</b></p> <p>[2PS17] Structural bioinformatics in relating basic life science to drug discovery: practices and subjects <b>LOD J</b></p> <p>[2PW18] Membrane transport proteins targeted drug development ~ From molecular mechanisms to bed sides ~ <b>LOD J/E</b></p> <p>[2PW19] Regulatory mechanisms and biological functions of strict post-translational modification <b>LOD J</b></p>		<p>[2F20] Importance of anti-cancer molecular preventive medicine in the 21st century: Message to scientists of the next generation</p> <p>[2F21] Strategies for Creating NEO-Biomolecules from Unexplored Sequence Spaces by Advanced Technology Developments</p> <p>[2F22] Living Systems Design Research – Toward designing communication between different cells and between layers –</p>	
<p>13:15 Exhibition Visit</p> <p>15:45 Poster Discussion</p> <p>17:00 Poster Exhibition</p> <p>18:30 Removal</p>			<p>[2PW20] Seriously, Prevent the Cancer now! <b>LOD J</b></p> <p>[2PW21] Roles of blood/lymphatic vascular systems in health and disease <b>J/E</b></p> <p>[2PS22] Advances in vector technology innovation towards clinical gene therapy <b>LOD J</b></p> <p>[2PW23] How to integrate omics research towards practical systems biology? <b>LOD J</b></p>		<p>[2PW24] Synaptopathy and Axonopathy in Neurodegenerative Disease <b>LOD J</b></p> <p>[2PW25] Updated pathophysiology of uremic toxins on organ crosstalk and homeostasis <b>LOD J/E</b></p> <p>[2PT26] Biology of Diseases II</p> <p>[2PW27] Fundamental nature of glycans to support stem cell properties: From the aspects of stem cell marker and glycan switch <b>LOD J</b></p>			

Building	Floor	Room	Venue	9:00	10:00	11:00	12:00	13:00	
Kobe Portopia Hotel	Main Building	B 1 F	Kairaku 1	Room 1	[3AS01] New frontiers in protein sciences: From central dogma to diseases <b>LOD J</b>	[3LS01] Sigma-Aldrich Japan G.K.	[3LS02] Robotic Biology Institute Inc.	[3LS03] Springer Nature	[3LS04] GORYO Chemical, Inc.
			Kairaku 2	Room 2	[3AW02] New genome signatures that orchestrate various chromosome dynamics <b>LOD J/E</b>				
			Kairaku 3	Room 3	[3AW03] Metabolic central dogma <b>LOD J</b>				
			Waraku	Room 4	[3AS04] Next Challenges in Developmental Biology - <b>LOD J</b>				
			Kikusui	Room 5	[3AW05] New horizon of locomotorium research by molecular biology approaches <b>LOD J</b>				
			Kitano	Room 6	[3AW06] Sequence specific external intervention to the structure of the living genome and epigenome <b>LOD J/E</b>				
			Nunobiki	Room 7	[3AW07] Operando measurement of reactions on biomembrane by advanced surface science techniques <b>LOD J</b>				
			Ikuta	Room 8	[3AW08] Genetics in neural development and function <b>J/E</b>				
	South Wing	B 1 F	Topaz	Room 9	[3AS09] Frontiers in technology for neuroscience <b>LOD E</b>				
			Ruby	Room 10	[3AW10] Diversity and evolution of sex-determining systems in multicellular animals <b>LOD J/E</b>				
			Diamond	Room 11	[3AT11] Development and Regeneration I				
			Emerald	Room 12	[3AT12] Enzymes, Redox, Bioenergetics II				
Kobe International Conference Center	1 F	Main Hall	Room 13	[3PL01] <b>LOD J</b> Shimon Sakaguchi	10:30	11:25			
	3 F	International Conference Room	Room 14	[3AS14] Exciting pathology-Research front of molecular pathology- <b>J</b>					
		Reception Hall	Room 15	[3AW15] Diversity of cell death and biological responses triggered by dying cells <b>J</b>					
	4 F	401+402	Room 16	[3AW16] DNA Replication to Epigenome Replication and The Between <b>J</b>					
	5 F	501	Room 17	[3AW17] Multiomics dissects orchestration of the cells and unravels human development and tumorigenesis <b>LOD J/E</b>					
		502	Room 18	[3AT18] Genome and Genetic Information I					
		504+505	Room 19	[3AW19] Molecular mechanism and physiology of autophagy <b>LOD J</b>					
	503 Lobby	Special Venue							
Kobe International Exhibition Hall	No.2 Bldg	2 F	2A	Room 20	[3AW20] Portrait of p53 Unknown ~New Destinations in p53 Research~				
			2B	Room 21	[3AW21] "Vascular-signpost" of tissue and organ guides its development and regeneration <b>LOD J/E</b>				
		3 F	3A	Room 22	[3AS22] New perspectives in medical genomics <b>LOD J/E</b>				
			3B	Room 23	[3AW23] Innovation of recognition technology of disease-related molecules <b>LOD J</b>				
	No.1 Bldg, 1F/2F No.2 Bldg, 1F No.3 Bldg, 1F		Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3		10:00	Poster Exhibition			12:45
			Exhibition Hall 1-1, 2, 3		9:00	10:00	Exhibition of Instruments, Reagents & Publications		
	Kobe Chamber of Commerce and Industry	3 F	Hall A	Room 24	[3AW24] Molecular biological approach to neurodegenerative disease <b>LOD J/E</b>				
Hall B			Room 25	[3AT25] Biotechnology, Frontier Sciences, Evolution I					
Meeting Room 1+2			Room 26	[3AT26] Biology of Diseases III					
Meeting Room 3			Room 27	[3AW27] Exploration of biological phenomena in lipid membranes <b>LOD J</b>					

13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
[3PS01] Deciphering cancer biology and therapeutic strategy by the cutting-edge OMICS sciences <b>LOD J</b>			[3PW02] Molecular pathogenesis associated with genome instability <b>LOD J/E</b>			[3PW03] Environment-induced epigenomic alterations that cause non-communicable diseases: Biological basis of DOHaD <b>LOD J/E</b>	
[3PT04] Cellular Response II			[3PW05] In situ structural biology for understanding eukaryotic intracellular protein behaviours <b>LOD J/E</b>			[3PW06] Frontire of retinal vision science <b>LOD J</b>	
[3PW07] Canonincal and non-canonical Smad signaling pathways <b>LOD J</b>			[3PW08] Oxygen-mediated gene regulations and their roles in diseases <b>J</b>			[3PS09] Beyond Imaging: new challenges in cell biology <b>LOD E</b>	
[3PW10] Molecular Cellular "Size" Biology <b>LOD J</b>			[3PT11] Development and Regeneration II			[3PT12] Glycobiology and Lipid Biology III	
[3PL02] <b>LOD J</b> Keiji Tanaka			[3PL03] <b>LOD J</b> Yoshinori Ohsumi			[3PS14] Life Science Research in Space: Gravitational and Space Radiation Biology <b>J</b>	
[3PW15] Rolls of cell heterogeneity regulating organ development <b>J/E</b>			[3PW16] Reconstruction of the nucleus - How much we understand functional structures of the chromosome and the nucleus? <b>J</b>			[3F15] 'Neo'-Vascular Biology: A New Horizon of Vascular Era	
[3PW17] Comprehensive regulation of biological functions orchestrated by endoplasmic reticulum-derived diverse signaling <b>LOD J</b>			[3PT18] Genome and Genetic Information II			[3PT19] Cellular Structures and Functions I	
[3PW20] Molecular Biology of "Life-Aging-Disease-Death" <b>LOD J</b>			[3PW21] Effects of environmental factors on human health - Cause allergy or chemical inflammation? <b>LOD J/E</b>			[3F20] Exploitation of Biobank resources: Resource distribution from the Tohoku Medical Megabank Organization	
[3PW22] Toward the understanding of molecular mechanisms for the acquisition and loss of totipotency <b>LOD J/E</b>			[3PW23] Elucidation that molecular mechanism of neurodegeneration in repeat diseases <b>LOD J</b>			[3F21] Who do you want that press release to be sent to?	
Exhibition Visit			Poster Discussion			Poster Exhibition	
[3PW24] Hidden crosstalk between lipids and sugars <b>LOD J</b>			[3PT25] Plant Biology, Agrobiolgy, Food Science			[3PT26] Biology of Diseases IV	
[3PW27] A new era of fat-soluble vitamin research <b>LOD J</b>			[3F24] Emerging Impacts of Sphingolipids: Basic Science to Drug Discovery				

Building	Floor	Room	Venue	9:00		10:00		11:00		12:00		13:00		
Kobe Portopia Hotel	Main Building	B1F	Kairaku 1	Room 1	[4AS01] Proteomics: Challenge to the sample complexity <b>LOD J</b>					[4LT01] Proteins II				
			Kairaku 2	Room 2	[4AW02] DNA damages and cellular senescence relevant to aging-related disease development and effects of therapeutic treatment <b>LOD J</b>					[4LT02] Biology of Diseases VI				
			Kairaku 3	Room 3	[4AW03] Inter-community facilities for Life Sciences and Drug Discovery Process <b>LOD J</b>						[4LT03] Proteins III			
			Waraku	Room 4	[4AS04] Frontiers of Reproduction Researches -from Molecular and Cellular Dynamics to Agricultural Visions- <b>LOD J</b>						JBS & MBSJ Collaboration Seminar on Career Path for Young Researchers <b>LOD</b>			
			Kikusui	Room 5	[4AT05] Biology of Diseases V						[4F05] AMED Forum ~ Invitation to HFSP International Research Grants ~			
			Kitano	Room 6	[4AW06] Cracking the code for multiple modes of organ/tissue regeneration and their regulation: From a liver perspective in basic science and clinical applications <b>LOD J</b>						[4F06] How to become and support next generation global MD scientists			
			Nunobiki	Room 7	[4AW07] Re-discovery of cellular changes in response to environmental change <b>LOD J/E</b>						[4F07] National Bioscience Database Center, JST			
			Ikuta	Room 8	[4AW08] Molecular and neural basis for appetite and food preferences <b>J/E</b>						[4LT08] Neuroscience I			
	South Wing	B1F	Topaz	Room 9	[4AW09] Molecular Symbiosis - functional emergence via RNA-protein interaction <b>E</b>					[4F09] Challenge to uncover the role of mysterious RNAs—Key actors in diverse living systems!				
			Ruby	Room 10	[4AW10] Gap Junction workshop <b>LOD J/E</b>					[4LT10] Cellular Response IV				
			Diamond	Room 11	[4AS11] Redox, Energy, Disease <b>LOD E</b>					JB Luncheon Workshop				
			Emerald	Room 12	[4AW12] Landscape of respiratory system life science: fusion of molecular, developmental biology and regenerative medicines <b>J</b>					[4LT12] Development and Regeneration III				
Kobe International Conference Center	1F	Main Hall	Room 13	[4AW13] Ubiquitin code: most complicated protein modification in the cell <b>LOD J</b>										
	3F	International Conference Room	Room 14	[4AS14] Genetics and Epigenetics <b>J</b>					[4LT14] Genome and Genetic Information III					
		Reception Hall	Room 15	[4AW15] Weaving animal life events by adaptive mechanisms to shifting nutritional environments <b>J</b>					[4LT15] Genome and Genetic Information IV					
	4F	401+402	Room 16	[4AW16] Frontier research on the genome dynamics of prokaryotic cells <b>J/E</b>					[4LT16] Genome and Genetic Information V					
	5F	501	Room 17	[4AW17] New Vistas in Biology of Endocytosis: Molecules and Superresolution <b>LOD J</b>					[4LT17] Cellular Structures and Functions III					
		502	Room 18	[4AT18] Cellular Response III					[4LT18] Cellular Structures and Functions IV					
		504+505	Room 19	[4AT19] Cellular Structures and Functions II					[4LT19] Cellular Response V					
			503 Lobby	Special Venue										
Kobe International Exhibition Hall	No.2 Bldg	2A	Room 20											
		2B	Room 21											
		3A	Room 22											
		3B	Room 23											
		No.1 Bldg, 1F/2F No.2 Bldg, 1F No.3 Bldg, 1F	Poster Hall 1-1, 1-2, 2, 3 Exhibition Hall 1-1, 2, 3											
Kobe Chamber of Commerce and Industry	3F	Hall A	Room 24	[4AW24] The metabolic crosstalk at the molecular, cellular and systemic levels that drives non-communicable diseases <b>LOD J</b>					[4LT24] Biology of Diseases VII					
		Hall B	Room 25	[4AT25] Proteins I					[4LT25] Proteins IV					
		Meeting Room 1+2	Room 26	[4AT26] Biotechnology, Frontier Sciences, Evolution II					[4LT26] Biology of Diseases VIII					
		Meeting Room 3	Room 27	[4AT27] Biotechnology, Frontier Sciences, Evolution III					[4LT27] Biotechnology, Frontier Sciences, Evolution IV					

13:00		14:00		15:00		16:00		17:00		18:00		19:00		20:00	
13:15			[4PS01] Chemical biology update <b>J</b>												
			[4PS02] Course decision of cells <b>LOD J/E</b>												
			[4PS03] Advanced experimental methods for structural biology <b>J</b>												
			[4PS04] Meta-tuning of biological timing into the environmental cycles <b>LOD J/E</b>												
			[4PW05] New stream of disease biomarker studies <b>J/E</b>												
			[4PT06] Biology of Diseases IX												
			[4PW07] Multidisciplinary Approach Reveals Novel Function of GTP Energy and Strategy to Cure Human Diseases <b>LOD J/E</b>												
			[4PT08] Neuroscience II												
			[4PS09] Emerging world of RNA modifications and epitranscriptome <b>E</b>												
			[4PW10] Atypical cellular responses mediated by cell surface proteins <b>LOD J</b>												
			Frontier in biochemistry: Lectures by award winners <b>LOD J</b>												
			[4PT12] Development and Regeneration IV												
13:30			[4PL] Akira Endo <b>LOD J</b>												
13:15			[4PS14] Recent advances and prospects in genome editing technology <b>J</b>												
			[4PW15] Genome activation of zygote and gamete <b>J/E</b>												
			[4PW16] Elegant strategies of translational control that establish cell identity <b>J</b>												
			[4PT17] Cellular Structures and Functions V												
			[4PT18] Genome and Genetic Information VI												
			[4PT19] Cellular Structures and Functions VI												
			[4PT214] Genome and Genetic Information VII												
			[4PT215] Genome and Genetic Information VIII												
			[4PT216] Development and Regeneration V												
			[4PT217] Cellular Structures and Functions VII												
			[4PT218] Genome and Genetic Information IX												
			[4PT219] Cellular Structures and Functions VIII												
			15:00 Presentation by High School Students Oral Presentation: 503 Poster Presentation: Lobby												
			[4PW24] Essential Micronutrient "Selenium" in Biology and Medicine- 200 years from Discovery <b>LOD J</b>												
			[4PT25] Proteins V												
			[4PT26] Biology of Diseases X												
			[4PT27] Biotechnology, Frontier Sciences, Evolution V												

**【Session Numbers】**  
Date + AM/PM (A / P) +  
Symposium (S) /Workshop (W) + Room No.  
ex) 2AS13:  
Day 2 • AM • Symposium • Room13

**【Language】**  
**J** Japanese **E** English **J/E** Japanese and English (depending on speakers)

**【Lecture on Demand】**  
**LOD** "Lecture on Demand" available :  
(Some lectures may be unavailable depending on each speaker's request.)

■ Plenary Lectures  
■ Symposium  
■ Talk  
■ Forum  
■ JBS/MSBJ programs

□ Workshop  
□ Poster  
■ FAOBMB programs  
□ Luncheon