

## Open Day 2019 Guide

About distribution of numbered event tickets.

### Ticket drawing

- For the event # 7, 8, 9, 13, 22, 32, and 33 (marked in pink), the event tickets will be distributed by lot (one ticket per person).
- Ticket drawing will take place at the designated time and location for each event, and take about 10 minutes.
- The ticket distribution is NOT on a first-come, first-served basis. No need to line up before the scheduled drawing time.
- Don't try to join ticket drawing for different events taking place at the same (nearby) time.

### Ticket distribution on a first-come, first-served basis

- For the event #37 (marked in blue), the event tickets will be distributed on a first-come, first-served basis (one ticket per person).
- The tickets will be distributed at the designated time and location until capacity is reached.

※As for the designated time and location for each ticket-drawing and distribution, see the following table, or please ask Open Day 2019 Staff.

### Note: Some events require WEB reservation in advance

- Without advance reservation via WEB, you cannot join the event # 12, 38, and 39 (marked in green). Sorry for the inconvenience...

## Hands-on Events

	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
6	DNA Beads Club	DNA Beads Club	Science Beads Exhibition	Main Office Building 1F	Café Lounge and Corridor	Available
7	RIKEN Center for Sustainable Resource Science	Metabolomics RG, Metabolic Sstem RT, Metabolome Informatics RT, Plant Immunity RG	Let's extract DNA from vegetables and fruits!	Main Office Building 4F	Ticket drawing: Multi-Purpose Hall	Available
8	RIKEN Center for Integrative Medical Sciences	Laboratory for Human Disease Models	Fight against blood tumor "Leukemia"	North Research Building 3F	Ticket drawing: Elevator Hall Discussion Room (N302A)	Available
9	RIKEN Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Let's enjoy an experiment for the cancer immunotherapy!	North Research Building 6F	Ticket drawing: Elevator Hall Lounge (N601Ca)	Not-available
10	RIKEN Center for Integrative Medical Sciences	Laboratory for Cancer Genomics	Are you strong or weak in alcohol? Let's find out with the alcohol patch test!	North Research Building 6F	Conference Room	Not-available
11	RIKEN Center for Integrative Medical Sciences	Metabolic Epigenetics YCI Lab	Let's observe mouse fertilized oocytes	North Research Building 6F	Lobby	Available
12	RIKEN Center for Biosystems Dynamics Research	←	Protein structure and function: Let's make glowing slime!			Available
13	RIKEN Center for Integrative Medical Sciences	Laboratory for Genotyping Development	DNA test -Trying to find a suspect with scientific criminal investigation-	East Research Building 3F	Ticket drawing:Elevator Hall E317	Available
14	RIKEN Center for Sustainable Resource Science	Bioproductivity Informatics Research Team	Euglena ball · Moss ball angling	East Research Building 7F	E717/719	Available
15	RIKEN Center for Sustainable Resource Science	Plant Genomic Network Research Team	Let's find plants resistant to salt stress!	East Research Building 8F	Elevator hall	Available
16	RIKEN Center for Integrative Medical Sciences RIKEN Center for Biosystems Dynamics Research	←	Yokohama Campus Quiz Rally	Central Research Building 2F	Start:C206-208 Goal:West NMR Complex	Available
17	RIKEN Center for Biosystems Dynamics Research	←	Make protein structures with a molecular model!	Central Research Building 2F	C206-208	Available
18	RIKEN Center for Biosystems Dynamics Research	←	Make an original science button badge!	Central Research Building 2F	C206-208	Available
19	RIKEN Center for Sustainable Resource Science	Environmental Metabolic Analysis Research Team	Be sustainable!	Central Research Building 2F	C210-212	Available
20	RIKEN Center for Sustainable Resource Science	Synthetic Genomics Research Group	Let's look, take a photo and measure sugar content of sorghum!	Central Research Building 2F	C210-212	Not-available
21	RIKEN Center for Sustainable Resource Science	Cell Function Research Team, Stress Adaptation Research Unit, Environmental Response Research Unit, Plant Symbiosis Research Team, Mass spec. and microscopy unit	Exploring the small world of organisms by various microscopes	Central Research Building 2F	C214-218	Available
22	RIKEN Center for Biosystems Dynamics Research	Laboratory for Cellular Structural Biology	Let's make a biofuel cell! Can it generate electricity by foods?	Central Research Building 2F	Ticket drawing:Elevator Hall C220	Not-available
23	RIKEN SPring-8 Center	NMR Science and Development Division	Let's Eat a Cold Marshmallow at -196°C!	West Research Building 1F	Entrance Hall	Available
24	RIKEN Center for Integrative Medical Sciences	Laboratory for Applied Computational Genomics, Large Scale Data Management Unit	Gene Regulation Trading Cards	West Research Building 1F	W120	Available
25	RIKEN Center for Integrative Medical Sciences	Laboratory for Microbiome Sciences	Welcome to the gut microbiome world!	West Research Building 2F	Elevator Hall	Available
26	RIKEN Center for Integrative Medical Sciences	Genetic Diagnosis Technology Unit, Nucleic Acid Diagnostic System Development Unit	Science Capsule Toy	West Research Building 3F	Elevator Hall	Available

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	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
27	RIKEN Center for Integrative Medical Sciences	Laboratory for Genome Information Analysis, Epigenome Technology Exploration Unit	Let's Talk with Foreign Researchers!	West Research Building 4F	Elevator Hall	Available
28	Yokohama City University	Structural Epigenetics Laboratory	Fold an origami virus!	YCU Lecture Building 1F	Lecture room 1	Not-available
29	Yokohama City University	YCU Science Association	Elementary science	YCU Lecture Building 1F	Lecture room 2	Not-available

### Hands-on Events

	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
30	Yokohama City University	Functional Structure Laboratory 2	Neural circuit stamp-rally	YCU Laboratory Building 1F	In front of B103	Available
31	Yokohama City University	Computational Life Science Laboratory	Take a quiz challenge to become a biomolecule expert	YCU Laboratory Building 2F	Computer Study Room	Not-available
32	Yokohama City University	Functional Structure Biology	Make colorful slime!	Ticket drawing: YCU Lecture Building 1F	Ticket drawing: Entrance Hall	Not-available
33	Yokohama City University	Devision of Structural Biology	Do you love meat? Let's make O2 using meat!	Ticket drawing: YCU Lecture Building 1F	Ticket drawing: Entrance Hall	Not-available
34	Yokohama City University	Functional Structure Biology	Make your own slime!	YCU Laboratory Building 3F	Study Room (East)	Not-available
35	Yokohama City University	Laboratory of Biopharmaceutical and Regenerative Sciences	An amazing polarization filter, magic and science	YCU Laboratory Building 5F	In front of B502	Not-available
36	Yokohama City University	Mol. Cell. Biol. Lab, Mol. Med. Biosci. Lab, Biopharm. & Regenerative Sci. Lab	Look into a Laboratory	YCU Laboratory Building 5F	In front of A517	Not-available

### Facility Tours

No.	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
37	RIKEN Center for Sustainable Resource Science	Cell Factory Research Team	Biomass Engineering Lab. Tour	East Research Building 8F	Ticket distribution: Elevator Hall	Not-available
38	RIKEN Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science Lab Tour			Available
39	RIKEN Center for Integrative Medical Sciences	Large Scale Data Managing Unit	Lab tour of Genome Analysis Facility			Not-available
40	RIKEN SPring-8 Center	NMR Science and Development Division	Have a look at the NMR Machines in one of the world's largest NMR facilities	West NMR Complex	N201 Pine	Available
41	RIKEN SPring-8 Center	NMR Science and Development Division	Observe molecular structures through NMR	West NMR Complex	N202 Plum	Not-available
42	Yokohama City University	Drug Design Laboratory, Structural Biology Laboratory	X-ray diffractometer for protein crystallography	YCU Laboratory Building 1F	X-ray Laboratory 2 (Room B105)	Not-available
43	Yokohama City University	Functional structure biology laboratory, Structural epigenetics laboratory, Project Research Group	Learn about high-field NMR instruments for analyzing biomolecular structures	YCU NMR Complex	YCU NMR Complex	Available
44	Yokohama City University	Computational Life Science Laboratory	Supercomputer at Tsurumi Campus	YCU Lecture Building 2F	Computing Room	Not-available

### Research Result Displays and Video Presentation

No.	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
45	RIKEN Center for Integrative Medical Sciences	Laboratory for Pharmacogenomics	An update on pharmacogenomic research	North Research Building 6F	Lobby (N603B)	Not-available
46	RIKEN Center for Integrative Medical Sciences	Laboratory for Cardiovascular Diseases	We are investigating the association between genetic variations and cardiovascular diseases.	North Research Building 6F	Lobby (N603B)	Available
47	RIKEN Center for Integrative Medical Sciences	Laboratory for Transcriptional Regulation	How are immune cells developed?	North Research Building 6F	Lobby (N603B)	Not-available
48	RIKEN Center for Integrative Medical Sciences	Laboratory for Skin Homeostasis	Dissecting the formation, structure and barrier function of the stratum corneum barrier of skin	North Research Building 6F	Lobby (N603B)	Available
49	RIKEN Center for Integrative Medical Sciences	Innate Immune Systems	Multifunctional roles of group 2 innate lymphoid cells in the immune system	North Research Building 6F	Lobby (N603B)	Available
50	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	What is a chimeric mouse?~Until generating a transgenic mouse~	North Research Building 6F	Lobby (N603B)	Not-available
51	RIKEN Center for Integrative Medical Sciences	Laboratory for Gut Homeostasis	Role of the gut microbiota in the development of the immune system	North Research Building 6F	Lobby (N603B)	Available
52	RIKEN Center for Integrative Medical Sciences	Laboratory for Inflammatory Regulation	Control of inflammation	North Research Building 6F	Lobby (N603B)	Available

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No.	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
53	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Transcription and Epigenetics	North Research Building 6F	Lobby (N603B)	Available
54	RIKEN Center for Integrative Medical Sciences	Laboratory for Metabolomics	Development of novel technology for analyzing the quality of lipids and its application	North Research Building 6F	Lobby (N603B)	Available
55	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Toward a better therapeutics for atopic dermatitis	North Research Building 6F	Lobby (N603B)	Available
56	RIKEN Center for Integrative Medical Sciences	Laboratory for Genotyping Development	Large scale genome analysis for order made medicine	North Research Building 6F	Lobby (N603B)	Available
57	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Adoptive iPS Therapy for Cancer	North Research Building 6F	Lobby (N603B)	Available

## Research Result Displays and Video Presentation

No.	Exhibitor (RIKEN Center)	Laboratory/Group Name	Title	Location	Room	English Explanation
58	RIKEN Center for Integrative Medical Sciences	Laboratory for Integrative Genomics	Integrative and hierarchical analysis of the life	North Research Building 6F	Lobby (N603B)	Available
59	RIKEN Center for Integrative Medical Sciences	Laboratory for Cell Signaling	How does immune response start?	North Research Building 6F	Lobby (N603B)	Available
60	RIKEN Center for Integrative Medical Sciences	Laboratory for Medical Science Mathematics	Accelerated disease research with big data genomic analysis	North Research Building 6F	Lobby (N603B)	Available
61	RIKEN Center for Integrative Medical Sciences	Laboratory for immune homeostasis	What is the thymus?	North Research Building 6F	Lobby (N603B)	Not-available
62	RIKEN Center for Integrative Medical Sciences	Laboratory for Cytokine Regulation	Basic research for universal influenza vaccine	North Research Building 6F	Lobby (N603B)	Available
63	RIKEN Cluster for Science, Technology and Innovation Hub	Medical Sciences Innovation Hub Program	Understanding human life using AI	East Research Building 2F	Elevator Hall	Not-available
64	RIKEN Center for Sustainable Resource Science	Integrative Medical Sciences and Sustainable Resource Sciences Promotion Office	An introduction to Center for Sustainable Resource Science projects	East Research Building 7F	Elevator Hall	Not-available
65	RIKEN Center for Biosystems Dynamics Research	Laboratory for Cellular Structural Biology	What's inside a cell?	Central Research Building 2F	C220	Available
66	RIKEN Center for Integrative Medical Sciences	Laboratory for Cellular Function Conversion Technology	The Central Dogma 3D	West Research Building 1F	W122	Not-available
67	Yokohama City University	Project Research Group	Open NMR Facility	Laboratory Building, NMRFacilities, YCU 1F	A114/115	Available
68	Yokohama City University	Environmental factor analysis	Biomass in environmental ecosystems	YCU Laboratory Building 3F	In front of Room B308	Not-available
69	Yokohama City University	Computational Life Science Laboratory	Looking into proteins through computers	YCU Laboratory Building 4F	In front of Room B406	Not-available
70	Yokohama City University	Drug Design Laboratory	Let's make crystals	YCU Laboratory Building 4F	In front of Room B409	Not-available
71	Yokohama City University	Laboratory for Intestinal Ecosystem	Microbita and intestinal mucosal immunity	YCU Laboratory Building 4F	In front of Room B410	Available
72	Yokohama City University	Molecular Cellular Biology Laboratory	Let's look at various organism!	YCU Laboratory Building 5F	In front of Room A509	Not-available

## Satellite Programs

No.	Exhibitor	Title	Location	Room	English Explanation
73	Yokohama City Economic Affairs Bureau	Yokohama's "life innovation" research initiatives	Main OfficeBuilding 2F	Conference Room	Not-available
74	RIKEN Center for Integrative Medical Sciences	Briefing Session for IMS Joint Graduate School Program	North Research Building 2F	Discussion Room	Not-available
75	RIKEN Office of Diversity Promotion	Individual counseling for female junior/high school and university students aspiring to the STEM fields	West Research Building 1F	W118	Not-available
76	Yokohama City University	Consultations about attending Yokohama City University	YCU Lecture Building 2F	Lecture Room 4	Not-available
77	Yokohama Science Frontier High School	Presentations by Yokohama Science Frontier High School students	YCU Lecture Building 2F	Library	Not-available