

Open Day 2018 Guide

About distribution of [lottery tickets](#) and [numbered event tickets](#)

Lottery tickets (events marked in pink)

- One lottery ticket per person for each event, distributed at the indicated time and location
- Line up when lottery begins. There is no need to line up before the scheduled lottery time since selection is not on a first-come, first-served basis
- Each lottery takes about 10 minutes
- Separate lotteries are held for separate events

Numbered event tickets (events marked in blue)

- One ticket per person will be distributed at the scheduled time and location until capacity is reached.
- Distribution is on a first-come, first-served basis
- Ticket distribution will stop as soon as capacity is reached

Please note that lottery ticket and numbered event ticket distribution times and locations are subject to change depending on Open Day crowds.

Advanced reservation (events marked in green)

Requires advanced online reservation.

Hands on Events

No.	Center	Laboratory Name	Title	Location	Room	English Explanation
5	DNA Beads Club		Science Beads Exhibition	Main Office Building 1F	Corridor	Available
6	RIKEN Center for Integrative Medical Sciences	Laboratory for Autoimmune Diseases	Can you drink a lot or not? Let's check the relationship between your gene and alcohol metabolism.	Main Office Building 4F	Multi-Purpose Hall	Not-available
7	RIKEN Center for Integrative Medical Sciences	Laboratory for Human Disease Models	Fight against blood tumor "Leukemia"	North Research Building 3F	Discussion Room (N302A)	Available
8	RIKEN Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Let's enjoy an experiment for the cancer immunotherapy!!	North Research Building 6F	Lounge (N601Ca)	Not-available
9	RIKEN Center for Sustainable Resource Science	Plant Immunity Research Group, Metabolomics Research Group, Metabolic Systems Research Team, Metabolome Informatics Research Team	Let's extract DNA from vegetables and fruits!	East Research Building 2F	E215/217	Available
10	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	E317	Not-available
11	RIKEN Center for Sustainable Resource Science	Bioproductivity Informatics Research Team	Moss ball and Euglena ball scooping	East Research Building 7F	E717-E719	Available
12	RIKEN Center for Sustainable Resource Science	Plant Genomic Network Research Team	Let's cultivate various plants on different soils	East Research Building 8F	Elevator Hall	Available
13	RIKEN Center for Sustainable Resource Science	Environmental Metabolic Analysis Research Team	To be sustainable!	Central Research Building 2F	C210-212	Available
14	RIKEN Center for Sustainable Resource Science	Synthetic Genomics Research Group	Let's measure sugar contents!	Central Research Building 2F	C210-212	Available
15	RIKEN Center for Sustainable Resource Science	Mass Spectrometry and Microscopy Unit, Cell Function Research Team, Stress Adaptation Research Unit, Environmental Response Research Unit, Plant Symbiosis Research Team	Exploring the small world of organisms by various microscopes	Central Research Building 2F	C214-216	Available
16	Yokohama Campus	IMS, BDR, RSC, CSRS	Yokohama Campus Quiz Rally	Central Research Building 2F	C215(Reception)	Available
17	RIKEN Center for Biosystems Dynamics Research	Field for Structural Molecular Biology, Laboratory for Nonnatural Amino Acid Technology	Protein structure and function: Let's make slime glow like fireflies!	Central Research Building 2F	C218-220	Available
18	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
19	RIKEN Center for Integrative Medical Sciences	Division of Genomic Medicine	Gene Regulation Trading Cards	West Research Building 1F	W120	Available
20	RIKEN Center for Biosystems Dynamics Research	Field for Structural Molecular Biology, Laboratory for Nonnatural Amino Acid Technology	Make protein structures with a molecular model!	West Research Building 1F	W122	Not-available
21	RIKEN Center for Integrative Medical Sciences	Division of Genomic Medicine	Let's Talk with Foreign Researchers!	West Research Building 2F	Elevator Hall	Available
22	RIKEN Center for Integrative Medical Sciences	Division of Genomic Medicine	Science Capsule Toy	West Research Building 3F	Elevator Hall	Not-available
23	RIKEN Center for Integrative Medical Sciences	Laboratory for Microbiome Sciences	Welcome to the gut microbiome world!	West Research Building 4F	Elevator Hall	Available
24	RIKEN SPring-8 Center	NMR Science and Development Division	Have your photo taken with an NMR machine in one of the world's largest NMR facilities!	West NMR Complex	N304 Maple	Available
25	Yokohama City University	Structural Epigenetics	Fold an origami virus!	Lecture Building 1F	Lecture Room 1	Not-available
26	Yokohama City University	YCU Science Association	Elementary science	Lecture Building 1F	Lecture Room 2	Not-available
27	Yokohama City University	Computational Life Science	Take a quiz challenge to become a biomolecule expert	Laboratory Building 2F	Computer Study Room	Not-available
28	Yokohama City University	Laboratory of Biopharmaceutical and Regenerative Sciences	Separation of pigments by paper chromatography	Laboratory Building 2F	Study Room	Not-available

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No.	Center	Laboratory Name	Title	Location	Room	English Explanation
29	Yokohama City University	Cellular and Molecular Epigenetics Laboratory	Make soap with various oils !	Laboratory Building 3F	B311	Available
30	Yokohama City University	Functional Structure Biology	Make your own slime!	Laboratory Building 3F	Student hall 3 East	Not-available
31	Yokohama City University	Structural Biology	Learn about protein function using a fluorescent protein	Laboratory Building 4F	Student hall 4 East	Not-available
32	Yokohama City University	Immunobiology	The observation of intestinal microbe	Laboratory Building 4F	B409	Available
33	Yokohama City University	Molecular and Cellular Biology, Molecular Medical Bioscience, Biopharmaceutical and Regenerative Sciences	Look into a Laboratory	Laboratory Building 5F	A517	Available

Facility Tours

No.	Center	Laboratory Name	Title	Location	Room	English Explanation
34	RIKEN Center for Sustainable Resource Science	Cell Factory Research Team	Biomass Engineering Lab. Tour	East Research Building 8F	Around E805	Not-available
35	RIKEN Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science lab tour	Central Research Building 6F	C616, C617, C618	Available
36	RIKEN Center for Integrative Medical Sciences	Division of Genomic Medicine	Lab-tuor of Genome Analysis Facility	South Research Building	Genome Analysis zone	Not-available
37	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
38	RIKEN SPring-8 Center	NMR Science and Development Division	Observe molecular structures through NMR	West NMR Complex	N202 Plum	Not-available
39	Yokohama City University	Structural Biology, Drug Design	X-ray diffractometer for protei structure analysis	Laboratory Building, YCU 1F	X-ray Laboratory 2 (Room B105)	Not-available
40	Yokohama City University	Functional Structure Biology, Structural Epigenetics, Project Research Group	Learn about high-field NMR instruments for analyzing biomolecular structures	YCU NMR Complex	YCU NMR Complex	Available
41	Yokohama City University	Computational Life Science	Supercomputer at Tsurumi Campus	Lecture Building, YCU 2F	Computing Room	Not-available

Research Result Displays and Video Presentation

No.	Center	Laboratory Name	Title	Location	Room	English Explanation
42	Yokohama Campus	Yokohama Administrative Division	An introduction to RIKEN around Japan	Main Office Building 4F	Multi-Purpose Hall	Not-available
43	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Regeneration of human natural killer T cells using iPS technology for tumor immunotherapy	North Research Building 6F	Lobby (N603B)	Available
44	RIKEN Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Infinite Possibilities of Stem cells	North Research Building 6F	Lobby (N603B)	Available
45	RIKEN Center for Integrative Medical Sciences	Laboratory for Transcriptional Regulation	How are immune cell developed	North Research Building 6F	Lobby (N603B)	Not-available
46	RIKEN Center for Integrative Medical Sciences	Laboratory for Integrative Genomics	Integrativeand hieralchical analysis of the life	North Research Building 6F	Lobby (N603B)	Available
47	RIKEN Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Development of new cancer vaccine formulation ~ Adjuvant vector cell development research ~	North Research Building 6F	Lobby (N603B)	Available
48	RIKEN Center for Integrative Medical Sciences	YCI Laboratory for Cellular Bioenergetic Network	What are mitochondria?	North Research Building 6F	Lobby (N603B)	Available
49	RIKEN Center for Integrative Medical Sciences	Laboratory for Cytokine Regulation	How antiviral antibodies develop	North Research Building 6F	Lobby (N603B)	Available
50	RIKEN Center for Integrative Medical Sciences	Laboratory for Metabolomics	The functional roles of lipids in biological systems.	North Research Building 6F	Lobby (N603B)	Available
51	RIKEN Center for Integrative Medical Sciences	Liver Cancer Prevention Research Unit	Clarification of Pathogenesis and Drug Discovery toward Hepatic Diseases	North Research Building 6F	Lobby (N603B)	Available
52	RIKEN Center for Integrative Medical Sciences	Laboratory for Skin Homeostasis	Dissection of stratum corneum barrier function of skin	North Research Building 6F	Lobby (N603B)	Available
53	RIKEN Center for Integrative Medical Sciences	Laboratory for Inflammatory Regulation	Controlling the inflammatory responses	North Research Building 6F	Lobby (N603B)	Available
54	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
55	RIKEN Center for Integrative Medical Sciences	YCI Laboratory for Trans-omics	BioMed + IT	North Research Building 6F	Lobby (N603B)	Not-available
56	RIKEN Center for Integrative Medical Sciences	Laboratory for Autoimmune Diseases	Autoimmune diseases and genes	North Research Building 6F	Lobby (N603B)	Not-available
57	RIKEN Center for Integrative Medical Sciences	Laboratory for Cardiovascular Diseases	Genetics in Cardiovascular Diseases	North Research Building 6F	Lobby (N603B)	Available
58	RIKEN Center for Integrative Medical Sciences	Laboratory for Genotyping Development	Technology development for large-scale genome analysis	North Research Building 6F	Lobby (N603B)	Not-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 Gut Homeostasis	Role of the gut microbiota in the developmentof the immune system	North Research Building 6F	Lobby (N603B)	Not-available
61	RIKEN Center for Sustainable Resource Science	IMS & CSRS Promotion Office	An introduction to Center for Sustainable Resource Science projects	East Research Building 7F	Elevator Hall	Not-available
62	RIKEN Center for Biosystems Dynamics Research	RIKEN Center for Biosystems Dynamics Research	Yokohama Campus Quiz Rally: Introduction to Center for Biosystems Dynamics Research	Central Research Building 2F	C215	Available

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No.	Center	Laboratory Name	Title	Location	Room	English Explanation
63	RIKEN Center for Biosystems Dynamics Research	Laboratory for Cellular Structural Biology	What's inside a cell?	Central Research Building 2F	C217	Available
64	RIKEN Center for Biosystems Dynamics Research	Laboratory for Cellular Structural Biology	Let's see biofuel cell! Can it generate electricity by food? Can it generate electricity by sweat?	Central Research Building 2F	C217	Not-available
65	RIKEN Center for Integrative Medical Sciences	Division of Genomic Medicine	The Central Dogma 3D (Video)	West Research Building 1F	W118	Not-available
66	Yokohama City University	Project Research Group	Open NMR Facility	Laboratory Building, NMR Facilities, YCU 1F	A114/115	Available
67	Yokohama City University	Environmental Factor Analysis	Biomass in environmental ecosystems	Laboratory Building, YCU 3F	In front of Room B308	Not-available
68	Yokohama City University	Computational Life Science	Looking into Proteins through Computers	Laboratory Building, YCU 4F	In front of Room B406	Not-available
69	Yokohama City University	Immunobiology	Mucosal immunity and Microbiota	Laboratory Building, YCU 4F	In front of Room B410	Available
70	Yokohama City University	Molecular and Cellular Biology	Let's look at various organism!	Laboratory Building, YCU 5F	B506	Not-available

Satellite programs

No.	Center	Laboratory Name	Title	Location	Room	English Explanation
71	RIKEN Center for Integrative Medical Sciences		Briefing Session for IMS Joint Graduate School Program	North Research Building 2F	Discussion Room	Not-available
72	Yokohama City University		Consultations about attending Yokohama City University	Lecture Building 2F	Seminar Room 4	Not-available
73	Yokohama Science Frontier High School		Presentations by Yokohama Science Frontier High School students	Lecture Building 2F	Library	Not-available
74	Yokohama City	Fire Bureau	Experience firefighting work	Main Office Building 2F	Conference Room	Not-available
75	Yokohama City	Economic Affairs Bureau	Yokohama's "life innovation" research initiatives	Main Office Building 2F	Conference Room	Not-available

Lectures

No.	Center	Time	Speaker	Title	Room	English Explanation
1	RIKEN Center for Integrative Medical Sciences	11:30-12:30	Harukazu Suzuki Laboratory for Cellular Function Conversion Technology Team Leader	Current Topics in Genomic Science	Lecture Hall, Main Office Building	Not-available
2	RIKEN Cluster for Pioneering Research Thin-Film Device Laboratory	13:00-14:00	Kenjiro Fukuda Senior Research Scientist	Approaches to ultra-thin organic solar cells with washability and high thermal stability	Lecture Hall, Main Office Building	Not-available
3	Yokohama City University	14:30-15:30	Atsushi Suzuki Yokohama City University, Graduate School of Medical Life Science, Molecular and Cellular Biology Laboratory Professor	What is a Cell, and What is Life?	Lecture Hall, Main Office Building	Not-available

Seminars

No.	Center	Time	Speaker	Title	Room	English Explanation
4	Graduate School of Medical Life Science, Yokohama City University	10:30-11:30	Yoshifumi Nishimura, Jun-ich Kurita Project Professor/Project Assistant Professor	NMR Open Facility in Yokohama City University: NMR-PF and BINDS	Lecture Building 2F, Library	Not-available