

OPEN DAY 2017 Guide

About the 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 the lottery begins. There is no need to line up ahead of the scheduled time since selection is not on a first-come, first-served basis
- Each lottery takes about 10 minutes
- Separate lotteries are held for each event

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 the distribution times and locations for lottery tickets and numbered event tickets 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
5	DNA Beads Club	DNA Beads Club	DNA Beads: Learn molecular structures through science beads	Main Office Building 2F	Conference Room
6	Center for Integrative Medical Sciences	Laboratory for Endocrinology, Metabolism and Kidney Diseases	Can you drink a lot or not? Investigate the relationship between your genes and alcohol metabolism	Main Office Building 4F	Multi-Purpose Hall
7	Center for Integrative Medical Sciences	Laboratory for Human Disease Models	Fighting against leukemia with new therapies	North Research Building 3F	Discussion Room (N302A)
8	Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Try your hand at a cancer immunotherapy experiment	North Research Building 6F	Lounge (N601Ca)
9	Center for Integrative Medical Sciences	Laboratory for Integrated Bioinformatics	Metaquiz, metagenome jigsaw puzzle and lottery	North Research Building 6F	Lobby
10	Center for Integrative Medical Sciences	Laboratory for Innate Immune Systems	Learn how to identify blood types!	North Research Building 6F	Conference Room (N603A)
11	Structural Biology Laboratory	Structural Biology Laboratory	Make protein crystals	East Research Building 2F	E215/217
12	Center for Integrative Medical Sciences	Laboratory for Genotyping Development	DNA test -Find the suspect using a scientific criminal investigation-	East Research Building 3F	E317
13	Center for Sustainable Resource Science	Plant Productivity Systems Research Group	Make a key ring with model plants	East Research Building 7F	E717/719
14	Center for Sustainable Resource Science	Plant Genomic Network Research Team	Try your hand at "planting" lab seeds	East Research Building 8F	Elevator Hall
15	Center for Life Science Technologies	Center for Life Science Technologies	CLST quiz rally	Central Research Building 2F	In front of C206 (Reception)
16	Center for Sustainable Resource Science	Environmental Metabolic Analysis Research Team	Biomass in Wonderland	Central Research Building 2F	C210
17	Center for Sustainable Resource Science	Synthetic Genomics Research Group	Measure the sugar content of familiar items	Central Research Building 2F	C212
18	Center for Sustainable Resource Science	Mass Spectrometry and Microscopy Unit	Explore the small world of organisms using various microscopes	Central Research Building 2F	C214/216
19	Quantitative Biology Center	Laboratory for Biomolecular Structure and Dynamics	What's inside a cell?	Central Research Building 2F	C215
20	Quantitative Biology Center	Laboratory for Biomolecular Structure and Dynamics	Using an enzymatic biofuel cell to generate electricity by mimicking our energy metabolism	Central Research Building 2F	C217
21	Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science mini-lecture (Beginner)	Central Research Building 2F	C220
22	Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science mini-lecture (Intermediate, Advanced)	Central Research Building 2F	C220
23	Center for Sustainable Resource Science	Plant Immunity, Metabolomics Research, Metabolic Systems and Metabolome Informatics Teams	Extract DNA from vegetables and fruits	Central NMR Complex	Room 1
24	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Eat a super-cold -196°C marshmallow!	West Research Building 1F	Entrance Hall

No.	Center	Laboratory Name	Title	Location	Room
25	Center for Life Science Technologies	Division of Genomic Technologies	Let's talk with foreign researchers!	West Research Building 1F	W118
26	Center for Life Science Technologies	Division of Genomic Technologies	Gene regulation trading cards	West Research Building 1F	W120
27	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Make protein structures with a molecular model set	West Research Building 1F	W122
28	Center for Life Science Technologies	Division of Genomic Technologies	Science capsule toys	West Research Building 3F	Elevator Hall
29	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Have your photo taken with an NMR machine in one of the world's largest NMR facilities	West NMR Complex	N304 Maple
30	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Make slime that glows like fireflies to learn about protein structure and function	West NMR Complex	N203 Cherry
31	Safety Center	Safety Center	Fun in the "backyard" of an ultra-cold world	Cryogenic Facility	
32	Yokohama City University	Structural Epigenetics Laboratory	Fold an origami virus	Lecture Building 1F	Lecture Room 1
33	Yokohama City University	YCU Science Association	Elementary science experiments	Lecture Building 1F	Lecture Room 2
34	Yokohama City University	Functional Structure Laboratory 2	Neural circuit stamp rally	Laboratory Building 1F	In front of Room B103
35	Yokohama City University	Computational Life Science Laboratory	Take a quiz challenge to become a biomolecule expert	Laboratory Building 2F	Computer Study Room
36	Yokohama City University	Environmental Factor Analysis Laboratory	Gut microbial symbionts in termites	Laboratory Building 2F	Study Room
37	Yokohama City University	Cellular and Molecular Epigenetics Laboratory	Make candles with various oils	Laboratory Building 3F	B311
38	Yokohama City University	Functional Structure Biology	Make your own slime	Laboratory Building 3F	Student hall 3 East
39	Yokohama City University	Division of Macromolecular Crystallography	Make the light of a firefly	Laboratory Building 4F	Student hall 4 East
40	Yokohama City University	Molecular Medical Bioscience Laboratory/Laboratory of Biopharmaceutical and Regenerative Sciences	Make a Fullerene 3D model	Laboratory Building 4F	Student hall 4 West
41	Yokohama City University	Biopharmaceutical and Regenerative Sciences Laboratory	An amazing polarization filter, magic and science	Laboratory Building 5F	In front of Room B502
42	Yokohama City University	Molecular and Cellular Biology Laboratory	Learn about what actually happens in the laboratory	Laboratory Building 5F	A517

Facility Tours

No.	Center	Laboratory Name	Title	Location	Room
43	Center for Sustainable Resource Science	Cellulose Production Research Team/Cell Factory Research Team	Biomass Engineering Lab Tour	East Research Building 8F	Around E805
44	Center for Life Science Technologies	Division of Genomic Technologies	Tour of the Genome Analysis Facility		
45	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Have a look at the NMR machines in one of the world's largest NMR facilities	West NMR Complex	N201 Pine
46	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Observe molecular structures through NMR	West NMR Complex	N202 Plum
47	Yokohama City University	Division of Macromolecular Crystallography	X-ray diffractometer for protein structure analysis	Laboratory Building 1F	X-ray Laboratory 2 (Room B105)
48	Yokohama City University	Functional Structure Biology laboratory	Learn about high-field NMR instruments for analyzing biomolecular structures	YCU NMR Complex	
49	Yokohama City University	Computational Life Science Laboratory	The Tsurumi Campus supercomputer	Lecture Building 2F	Computing Room

Posters

No.	Center	Laboratory Name	Title	Location	Room
50	Yokohama Administrative Division	Yokohama Administrative Division	An introduction to RIKEN campuses around Japan	Main Office Building 4F	Multi-Purpose Hall
51	Center for Integrative Medical Sciences	Laboratory for Transcriptional Regulation	How do immune cells develop?	North Research Building 6F	Lobby (N603B)
52	Center for Integrative Medical Sciences	Laboratory for Metabolic Homeostasis	Elucidation of the molecular mechanisms underlying obesity and type 2 diabetes	North Research Building 6F	Lobby (N603B)
53	Center for Integrative Medical Sciences	Laboratory for Skin Homeostasis	Dissecting epidermal barrier function	North Research Building 6F	Lobby (N603B)
54	Center for Integrative Medical Sciences	Laboratory for Integrative Genomics	An integrative and hierarchical analysis of biological life	North Research Building 6F	Lobby (N603B)
55	Center for Integrative Medical Sciences	Laboratory for Innate Immune Systems	The multifunctional roles of group 2 innate lymphoid cells in the immune system	North Research Building 6F	Lobby (N603B)
56	Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Development of a novel cancer vaccine of "artificial adjuvant vector cells"	North Research Building 6F	Lobby (N603B)
57	Center for Integrative Medical Sciences	Laboratory for Metabolomics	The link between lipid quality and pathophysiology	North Research Building 6F	Lobby (N603B)
58	Center for Integrative Medical Sciences	Laboratory for Cytokine Regulation	Regulation of anti-flu antibody production	North Research Building 6F	Lobby (N603B)
59	Center for Integrative Medical Sciences	Developmental Genetics Group	Epigenetic regulation of gene expression	North Research Building 6F	Lobby (N603B)
60	Center for Integrative Medical Sciences	Developmental Genetics	Tumor immunotherapy using iPS technology	North Research Building 6F	Lobby (N603B)
61	Center for Integrative Medical Sciences	Laboratory for Medical Science Mathematics	Accelerated disease research with big data genomic analysis	North Research Building 6F	Lobby (N603B)
62	Center for Integrative Medical Sciences	Laboratory for Cell Signaling	How does the immune response start?	North Research Building 6F	Lobby (N603B)
63	Center for Integrative Medical Sciences	Drug Discovery Antibody Platform Unit	Therapeutic antibody drugs	North Research Building 6F	Lobby (N603B)
64	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics Animal Facility	What is a chimeric mouse? The making of genetically modified mice	North Research Building 6F	Lobby (N603B)
65	Structural Biology Laboratory	Structural Biology Laboratory	Incorporating non-natural amino acids into proteins	East Research Building 2F	E215/217
66	Structural Biology Laboratory	Structural Biology Laboratory	Platform Project for Supporting Drug Discovery and Life Science Research	East Research Building 2F	E215/217
67	Medical Sciences Innovation Hub Program	Medical Sciences Innovation Hub Program	Medical Sciences Innovation Hub Program (MIH)	East Research Building 2F	Elevator Hall
68	Center for Integrative Medical Sciences	Laboratory for Genotyping Development	Development of key technologies for large-scale genomic analysis	East Research Building 3F	Elevator Hall
69	Center for Integrative Medical Sciences	Laboratory for Cardiovascular Diseases	Cardiovascular diseases and genes	East Research Building 3F	Elevator Hall
70	Center for Integrative Medical Sciences	Laboratory for Endocrinology, Metabolism and Kidney Diseases	Genetic susceptibility to diabetic nephropathy in the Japanese population	East Research Building 3F	Elevator Hall
71	Center for Integrative Medical Sciences	Laboratory for Respiratory and Allergic Diseases	Allergy and genetics	East Research Building 3F	Elevator Hall
72	Center for Integrative Medical Sciences	Laboratory for Pharmacogenomics	Can genetic testing help determine the best medications for you?	East Research Building 3F	Elevator Hall
73	Center for Integrative Medical Sciences	Laboratory for Autoimmune Diseases	Autoimmune diseases and genes	East Research Building 3F	Elevator Hall
74	Center for Sustainable Resource Science		An introduction to the work of the Center for Sustainable Resource Science	East Research Building 7F	Elevator Hall
75	Center for Life Science Technologies	Division of Bio-Function Dynamics Imaging	Introduction to Positron Emission Tomography (PET)	Central Research Building 2F	In front of C202
76	Quantitative Biology Center	Laboratory for Biomolecular Structure and Dynamics	Explore the nature of life by considering the cell as a system	Central Research Building 2F	C217
77	Yokohama City University	Project Research Group	Consider using the NMR Facility for your corporate or academic research	Laboratory Building, NMR Facilities	A114/115

No.	Center	Laboratory Name	Title	Location	Room
78	Yokohama City University	Computational Life Science Laboratory	Looking into the world of proteins through computers	Laboratory Building 4F	In front of B406
79	Yokohama City University	Immunobiology Laboratory	Basic studies related to mucosal immunity and gut microbiota	Laboratory Building 4F	In front of B409
80	Yokohama City University	Drug Design Laboratory	Let's make some crystals	Laboratory Building 4F	In front of B405
81	Yokohama City University	Molecular and Cellular Biology Laboratory	Let's look at various creatures!	Laboratory Building 5F	In front of B509

Videos

No.	Center	Laboratory Name	Title	Location	Room
82	Center for Life Science Technologies	Division of Genomic Technologies	The Central Dogma 3D	West Research Building 2F	Elevator Hall

Satellite programs

No.	Center	Laboratory Name	Title	Location	Room
83	IMS	IMS	Briefing session for the IMS Joint Graduate School Program	North Research Building 2F	Discussion Room (N202A)
84	Yokohama City University	Yokohama City University	Consultations about attending Yokohama City University	Lecture Building 2F	Seminar Room 4
85	Yokohama City University	YSFH	Presentations by Yokohama Science Frontier High School students	Lecture Building 2F	Library

Lectures

No.	Center	Time	Speaker	Title	Room
1	Center for Integrative Medical Sciences	12:00–12:50	Yukihide Momozawa	Understanding Diseases through Genomic Information	Lecture Hall, Main Office Building
2	Yokohama City University	13:20–14:10	Satoko Akashi	What You Can See with Mass Spectrometry: From the Hayabusa Project to Protein Analysis	Lecture Hall, Main Office Building
3	RIKEN Nishina Center for Accelerator-Based Science	14:40–15:30	Hiroyoshi Sakurai	The Origin of Elements and Their Transmutation	Lecture Hall, Main Office Building

Seminars

No.	Center	Time	Speaker	Title	Room
4	Quantitative Biology Center	11:00 -12:00	Takanori Kigawa / RIKEN representative Yoshifumi Nishimura / YCU representative	Advanced NMR infrastructures for both academic and industry-based research and development	Lecture Building 2F, Library