

Open Day 2016 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
7	DNA Beads Club		DNA Beads: Learn molecular structures through science beads!	Main Office Building 2F	Conference Room
8	Center for Integrative Medical Sciences	Core for Genomic Medicine	Can you drink alcohol or not? Learn the relationship between genes and alcohol tolerance with an alcohol patch test	Main Office Building 4F	Multi-Purpose Hall
9	Center for Integrative Medical Sciences	Laboratory for Tissue Dynamics Laboratory for Lymphocyte Differentiation	What do tissue cells look like under the microscope?	North Research Building 3F	Lounge (N301Ca)
10	Center for Integrative Medical Sciences	Laboratory for Human Disease Models	Find the differences between white blood cells and blood cancer!	North Research Building 3F	Discussion Room (N302A)
11	Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Let's enjoy an experiment on cancer immunotherapy	North Research Building 6F	Lounge (N601Ca)
12	Center for Integrative Medical Sciences	Laboratory for Integrated Bioinformatics	MetaQuiz - Metagenome jigsaw puzzle - Lottery	North Research Building 6F	Lobby (N603B)
13	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	View mouse fetuses under the microscope	North Research Building 6F	Lobby (N603B)
14	Center for Integrative Medical Sciences	Laboratory for Innate Immune systems	Let's learn how to identify blood types!	North Research Building 6F	Conference Room (N603A)
15	Structural Biology Laboratory	Structural Biology Laboratory	Let's make protein crystals!	East Research Building 2F	E215/217
16	Center for Integrative Medical Sciences	Laboratory for Genotyping Development	DNA test: Try to find the suspect through a scientific criminal investigation	East Research Building 3F	E316
17	Center for Sustainable Resource Science	Plant Productivity Systems Research Group	Make a key ring with model plants!	East Research Building 7F	E717-E719
18	Center for Life Science Technologies	RIKEN Center for Life Science Technologies	CLST quiz rally	Central Research Building 2F	C206 (Reception)
19	Center for Sustainable Resource Science	Synthetic Genomics Research group, Biomass Engineering Program Cooperation Division	What plant seed is this?	Central Research Building 2F	C210-212
20	Center for Sustainable Resource Science	Environmental Metabolic Analysis Research Team	Biomass in Wonderland	Central Research Building 2F	C210-212
21	Center for Sustainable Resource Science	Gene Discovery Research Group/ Mass Spectrometry and Microscopy Unit/ Cell Function Research Team/ Signaling Pathway Research Unit/ Regulatory Network Research Unit/ Plant Synthesis Research Team	Exploring the small world of organisms by various microscopes	Central Research Building 2F	C214-218
22	Center for Sustainable Resource Science	Plant Genomic Network Research Team	Let's try <i>tanemaki</i> (planting seeds) !	Central Research Building 2F	C214-218
23	Quantitative Biology Center	Laboratory for Biomolecular Structure and Dynamics	What's inside a cell?	Central Research Building 2F	C215-217
24	Center for Sustainable Resource Science	Plant Immunity Research Group/ Plant Proteomics Research Unit/ Metabonomics Research Group/ Metabolic Systems Research Team/ Metabolome Informatics Research Team/ Integrated Genome Informatics Research Unit	Let's extract DNA from broccoli	Central NMR Complex	Room 1
25	Center for Life Science Technologies	Division of Genomic Technologies	Collect gene regulation trading cards and science capsule toys	West Research Building 1F	Elevator Hall
26	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Let's eat a cold marshmallow at -196°C!	West Research Building 1F	Entrance Hall
27	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Make protein and DNA structures with a molecular model!	West Research Building 1F	W118-W122
28	Center for Life Science Technologies	Division of Genomic Technologies	Talk with foreign researchers!	West Research Building 1F	W118-122
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	Protein structure and function: Let's make slime that glows like fireflies!	West NMR Complex	N203 Cherry
31	Safety Center		Behind the scenes of an ultra-cold world!	Cryogenic Facility	
32	Yokohama City University	Structural Epigenetics Laboratory	Fold an origami virus!	Lecture Building 1F	Lecture Room 1

No.	Center	Laboratory Name	Title	Location	Room
33	Yokohama City University	YCU Science Association	Elementary science	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	Cellular and Molecular Epigenetics Laboratory	Make soap with various oils !	Laboratory Building 3F	3F Room B311
37	Yokohama City University	Functional Structure Biology	Make your own slime!	Laboratory Building 3F	Student hall 3 East
38	Yokohama City University	Division of Macromolecular Crystallography	Make the light of a firefly	Laboratory Building 4F	Student hall 4 East
39	Yokohama City University	Proteome Science Laboratory	An amazing polarization filter, magic and science	Laboratory Building 5F	In front of Room B502
40	Yokohama City University	Molecular and Cellular Biology Laboratory/Molecular Medical Bioscience Laboratory/Proteome Science Laboratory	Know your body !	Laboratory Building 5F	Room B508
113	Nishina Center for Accelerator-Based Science		Special Program "Let's study Element 113!"	Main Office Building 4F	Multi-Purpose Hall

Facility Tours

No.	Center	Laboratory Name	Title	Location	Room
41	Center for Integrative Medical Sciences/ RIKEN Genesis	Laboratory for Genotyping Development /RIKEN GENESIS CO., LTD.	How to find the difference between you and me	East Research Building 3F	E309-311, E312-316
42	Center for Sustainable Resource Science	Cellulose Production Research Team/Cell Factory Research Team	Biomass engineering lab tour	East Research Building 8F	Around E805
43	Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science lab tour (for families and students)	Central Research Building 6F	C611 C615 C616 C617
44	Center for Sustainable Resource Science	Dormancy and Adaptation Research Unit	Plant science lab tour (for students and adults)	Central Research Building 6F	C611 C615 C616 C617
45	Center for Life Science Technologies	Division of Genomic Technologies	Lab tour of Genome Analysis Facilities	South Research Building	Genome Analysis zone
46	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
47	Center for Life Science Technologies	Division of Structural and Synthetic Biology	Observe molecular structures through NMR	West NMR Complex	N202 Plum
48	Yokohama City University	Computational Life Science Laboratory	The Tsunami Campus supercomputer	Lecture Building 2F	Computing Room
49	Yokohama City University	Computational Life Science Laboratory	Looking into proteins with Computers	Laboratory Building 4F	In front of Room B406
50	Yokohama City University	Functional Structure Biology	Look and see - High-field NMR instruments to analyze biomolecular structures	YCU NMR Complex	YCU NMR Complex
51	Yokohama City University	Division of Macromolecular Crystallography	X-ray diffractometer for protein structure analysis	Laboratory Building 1F	X-ray Laboratory 2 (Room B105)

Posters

No.	センター	Laboratory Name	Title	Location	Room
52	Administrative Division, Yokohama Branch		An introduction to RIKEN around Japan -Learn about the research at other RIKEN locations around Japan-	Main Office Building 4F	Multi-Purpose Hall
53	Center for Integrative Medical Sciences	Laboratory for Inflammatory Regulation	Controlling inflammatory responses	North Research Building 6F	Lobby (N603B)
54	Center for Integrative Medical Sciences	Laboratory for Cell Signaling	How does the immune response start?	North Research Building 6F	Lobby (N603B)
55	Center for Integrative Medical Sciences	Laboratory for Immunotherapy	Development of a novel cancer vaccine: artificial adjuvant vector cells	North Research Building 6F	Lobby (N603B)
56	Center for Integrative Medical Sciences	YCI Laboratory for Immune regeneration	How are lymphocytes developed?	North Research Building 6F	Lobby (N603B)
57	Center for Integrative Medical Sciences		Identification of the molecular mechanisms in hepatic insulin resistance	North Research Building 6F	Lobby (N603B)
58	Center for Integrative Medical Sciences	Laboratory for Innate Immune systems	Natural helper cells in innate immunity	North Research Building 6F	Lobby (N603B)
59	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Applications of iPSC technology in NKT cell-mediated tumor immunotherapy	North Research Building 6F	Lobby (N603B)
60	Center for Integrative Medical Sciences	Laboratory for Drug Discovery Antibody Platform Unit	Antibody drug discovery	North Research Building 6F	Lobby (N603B)
61	Center for Integrative Medical Sciences	Laboratory for Transcriptional Regulation	Differentiation of T lymphocytes in the thymus	North Research Building 6F	Lobby (N603B)
62	Center for Integrative Medical Sciences	Laboratory for Integrative Genomics	An integrative and hierarchical analysis of life	North Research Building 6F	Lobby (N603B)
63	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Epigenetics	North Research Building 6F	Lobby (N603B)
64	Center for Integrative Medical Sciences	Laboratory for Metabolomics	Lipid quality in health and disease	North Research Building 6F	Lobby (N603B)

No.	Center	Laboratory Name	Title	Location	Room
65	Center for Integrative Medical Sciences	Laboratory for Skin Homeostasis	Investigating the mysteries of molecular mechanisms for skin corneal barrier generation	North Research Building 6F	Lobby (N603B)
66	Center for Integrative Medical Sciences	Laboratory for Cytokine Regulation	How do flu vaccines prevent infection?	North Research Building 6F	Lobby (N603B)
67	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	What are chimeric mice?: Until the day we can make transgenic mice	North Research Building 6F	Lobby (N603B)
68	Center for Integrative Medical Sciences	Laboratory for Developmental Genetics	Is there any way to prevent the development of atopic dermatitis? What we know from mouse studies	North Research Building 6F	Lobby (N603B)
69	Center for Integrative Medical Sciences	Laboratory for Medical Science Mathematics	Big data genomic analysis accelerates disease research	North Research Building 6F	Lobby (N603B)
70	RIKEN Structural Biology Laboratory		Incorporating non-natural amino acids into proteins	East Research Building 2F	E215/217
71	RIKEN Structural Biology Laboratory		Platform for Drug Discovery, Informatics, and Structural Life Science	East Research Building 2F	E215/217
72	Center for Integrative Medical Sciences	Laboratory for Genotyping Development	Development of key technologies for large scale genomic analysis	East Research Building 3F	Elevator Hall
73	Center for Integrative Medical Sciences	Laboratory for Respiratory and Allergic Diseases	The genetics of allergy	East Research Building 3F	Elevator Hall
74	Center for Integrative Medical Sciences	Laboratory for Pharmacogenomics	Genetic analysis for prediction of drug efficacy and adverse reactions	East Research Building 3F	Elevator Hall
75	Center for Integrative Medical Sciences	Laboratory for Cardiovascular Diseases	Cardiovascular diseases and genes	East Research Building 3F	Elevator Hall
76	Center for Integrative Medical Sciences	Laboratory for Autoimmune Diseases	Autoimmunity and genes	East Research Building 3F	Elevator Hall
77	Center for Sustainable Resource Science	CSRS Planning Office	An introduction to Center for Sustainable Resource Science projects	East Research Building 7F	E717/719
78	Center for Life Science Technologies	Division of Bio-Function Dynamics Imaging	An introduction to the Division of Bio-Function Dynamics Imaging at CLST	Central Research Building 2F	In front of C202
79	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	C215/217
80	Yokohama City University	Project Research Group	Open NMR Facility	Laboratory Building, NMR Facilities, YCU 1F	A114/115
81	Yokohama City University	Bioanalytical Sciences Laboratory	Biomass in environmental ecosystems	Laboratory Building, YCU 3F	In front of Room B308
82	Yokohama City University	Immunobiology Laboratory	Basic studies related to mucosal immunity and gut microbiota	Laboratory Building, YCU 4F	In front of B409
83	Yokohama City University	Drug Design Laboratory	Let's make crystals	Laboratory Building, YCU 4F	In front of B409
84	Yokohama City University	Molecular and Cellular Biology Laboratory	Let's look at various creatures!	Laboratory Building, YCU 5F	In front of A509

Videos

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

Satellite programs

No.	Center Name	Laboratory Name	Title	Location	Room
86	Center for Integrative Medical Sciences		Briefing session for IMS Joint Graduate School Program	North Research Building 2F	Discussion Room
87	Yokohama City University		Consultations about attending Yokohama City University	Lecture Building 2F	Seminar Room 3
88	Yokohama Science Frontier High School		Presentations by Yokohama Science Frontier High School students	Lecture Building 2F	Library

Lectures

No.	Center	Time	Speaker	Title	Room
1	Nishina Center for Accelerator-Based Science Strangeness Nuclear Physics Laboratory	10:30 - 11:20	Hiyama, Emiko / Associate Chief Scientist	Individual and Group in the Microscopic World	Lecture Hall, Main Office Building
2	Center for Life Science Technologies Division of Structural and Synthetic Biology NMR Facility	11:40 - 12:30	Masato Takahashi / Senior Scientist	An Introduction to High-temperature Superconducting Magnet NMR and the Development of the World's Highest Magnetic Field NMR	Lecture Hall, Main Office Building

No.	Center	Laboratory Name	Title	Location	Room
3	Yokohama City University, Graduate School of Medical Life Science	13:30 - 14:20	Mitsunori Ikeguchi / Professor	Biomolecular Work and Drug Design Investigations Using Supercomputer Simulations	Lecture Hall, Main Office Building
4	Laboratory for Metabolomics, RIKEN Center for Integrative Medical Sciences	14:40 - 15:30	Makoto Arita / Team Leader	Fatty Acid Metabolism and Regulation of Inflammation	Lecture Hall, Main Office Building

Seminars

No.	Center	Time	Speaker	Title	Room
5	NMR Platform (MEXT's Opening Advanced Research Facilities and Forming Platforms Initiative)	11:00 - 12:00	Takanori Kigawa / RIKEN representative Yoshifumi Nishimura / YCU representative	The NMR Shared-Use Platform: From efforts in the shared use of facilities to deep discussion of research achievements	Lecture Building 2F, Library
6	Center for Life Science Technologies	15:30 - 16:30	Shigehiro Kuraku / Unit Leader	What distinguishes humans from other animals?: The evolution of life viewed through the lens of genomics	Lecture Building 2F, Library