

| [September 16](#) | [September 17](#) | [September 18](#) |**Monday, September 16, 2019**

[S]: Symposium [IS]: International Symposium

Room K (50th Anniversary Hall)	9:00 –11:30	Award Ceremony, Award Lectures (Meritorious Service Award, Society Award, Achievement Award, Technical Award)
Room S1 (A21; Bldg. A, 2F)	15:30 –17:30	[S] Japanese Alcoholic Beverages Aiming the World
Room S2 (A41; Bldg. A, 4F)	13:15 –15:15	[S] Novel Bioengineering Through Research of Microbial Dark Matter and Microbiota
Room S3 (B41; Bldg. B, 4F)	15:00 –17:30	[S] Recent Trends in Biomolecular Engineering Aiming at Industrialization/KSBB Invited Lecture
Room S4 (E11; Bldg. E, 1F)	13:15 –15:15	[S] New Era of Amino Acid Research in Yeast
	15:30 –17:30	[S] Effects of Functional Food Components on the Intestinal Conditions
Room S5 (E21; Bldg. E, 1F)	13:15 –15:15	[S] Challenge for New Research Area of Animal Cell Culture—Aiming for Innovation That Occurs in the Boundary Area of Academics—
Room A (A36; Bldg. A, 3F)	13:30 –17:30	Enzymology, enzyme
Room B (A37; Bldg. A, 3F)	13:30 –17:30	Biomass, bioresource and energy engineering
Room C (B21; Bldg. B, 2F)	13:30 –17:18	Bioremediation
Room D (B32; Bldg. B, 3F)	13:30 –17:30	Biochemical engineering
Room E (D12; Bldg. D, 1F)	13:30 –13:50	Award Lecture (Saito Award)
	13:54 –15:18	Omics technology
	15:18 –17:06	Plant cell/tissue engineering
Room F (D23; Bldg. D, 2F)	13:30 –17:06	Proteins

Room G (D25; Bldg. D, 2F)	13:30 –13:50	Award Lecture (Young Asian Biotechnologist Prize)
	13:54 –15:42	Fermentation physiology, fermentation technology
	15:42 –17:30	Genetic engineering
Room H (D32; Bldg. D, 3F)	13:30 –15:18	Cell culture engineering
	15:18 –17:30	Bioprocess engineering
Room I (D34; Bldg. D, 3F)	13:30 –13:50	Award Lecture (Eda Award)
	13:54 –15:54	Metabolic engineering
Room J (E23; Bldg. E, 2F)	13:30 –13:50	Award Lecture (Terui Award)
	13:54 –15:42	Cell and tissue engineering

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Tuesday, September 17, 2019

[S]: Sympoium [IS]: International Symposium

Room S1 (A21; Bldg. A, 2F)	13:15 –17:15	[S] How to Utilize Sustainable Development Goals (SDGs) for Biotechnology
Room S2 (A41; Bldg. A, 4F)	9:30 –11:30	[S] Design, Engineering, and Regulation of Microbial Consortia to Develop Advanced Bioprocesses
	15:00 –17:30	[S] New Frontier of Bioproduction in Microbial Processes/KSBB Invited Lecture
Room S3 (B41; Bldg. B, 4F)	9:00 –11:30	[S] Next Generation Plant Biotechnology Driving Sustainable Development of Food and Agricultural Engineering Industrys/KSBB Invited Lecture
	13:15 –15:45	[IS] Development of Biosensing Technology Targeting Sustainability Development Goals/KSBB Invited Lecture
Room S4 (E11; Bldg. E, 1F)	13:15 –15:15	[S] Considering Complexed Tissue-Engineering Techniques in All Aspects for Industrial Tissue Manufacturing
	15:30 –17:30	[S] Understanding Complex Biological Phenomena by Novel Data-Driven Approaches

Room S5 (E21; Bldg. E, 1F)	9:30 -11:30	New Developments of Dry-Wet Technology Combination on Protein Engineering
	13:15 -15:15	[S] Roles of Respiration in Bioproduction and Metabolism
	15:30 -17:30	[S] Polyamines, Attractive Biomolecule for Future Aging Community
Room A (A36; Bldg. A, 3F)	9:00 -11:36	Genetic engineering
	13:30 -17:30	Enzymology, enzyme
Room B (A37; Bldg. A, 3F)	9:00 -11:36	Biomass, bioresource and energy engineering
	13:30 -17:30	Enzymology, enzyme
Room C (B21; Bldg. B, 2F)	9:00 -11:36	Metabolic engineering
	13:30 -14:42	Biomass, bioresource and energy engineering
	14:54 -17:06	Fermentation physiology, fermentation technology
Room D (B32; Bldg. B, 3F)	9:00 -11:36	Biochemical engineering
	13:30 -17:30	Genetic engineering
Room E (D12; Bldg. D, 1F)	9:00 -11:36	Food science, food technology
	13:30 -16:30	Taxonomy, phylogenetics
Room F (D23; Bldg. D, 2F)	9:00 -10:36	Omics technology
	13:30 -17:18	Biosensing and analytical chemistry
Room G (D25; Bldg. D, 2F)	9:00 -11:36	Cell and tissue engineering
	13:30 -15:30	Antibody engineering
	15:30 -17:06	Cell and tissue engineering

Room H (D32; Bldg. D, 3F)	9:00 -11:36	Brewing, brewing technology
	13:30 -17:30	Brewing, brewing technology
Room I (D34; Bldg. D, 3F)	13:30 -17:30	Nucleic acid engineering/Glycoengineering/Lipid engineering/Peptide engineering
Room J (E23; Bldg. E, 2F)	9:00 -11:24	Fermentation physiology, fermentation technology
	13:30 -17:18	Proteins

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Wednesday, September 18, 2019

[S]: Symposium [IS]: International Symposium

Room S1 (A21; Bldg. A, 2F)	9:30 -11:30	[IS] Recent Topics on Cultivation and Measurement: New Challenges by Start-Up Companies/Invited Lecture
Room S2 (A41; Bldg. A, 4F)	9:30 -11:30	[S] Conjugational System: Necessary Tools for Large-Scale Gene and Genome Manipulations
	13:15 -15:15	[S] New Methodologies for Creation of Valuable Biofunctional Molecules Through Biosynthetic Engineering
Room S3 (B41; Bldg. B, 4F)	9:00 -11:30	[S] <i>In silico</i> Protein Design: A New Frontier for Protein Engineering and Applied Structural Biology
	13:15 -15:15	[IS] Cutting-Edge Technologies to Produce Biojet Fuels in Japan
Room S4 (E11; Bldg. E, 1F)	13:15 -15:15	[S] Paired Presentation by Wet and Dry Researchers: How to Integrate Wet and Dry Study?
Room S5 (E21; Bldg. E, 1F)	9:00 -11:30	[S] Interactive Nanosurface for Symbiosis of Biology and Devices
Room A (A36; Bldg. A, 3F)	9:00 -11:24	Biomass, bioresource and energy engineering
	13:30 -15:18	Enzymology, enzyme
Room B (A37; Bldg. A, 3F)	9:00 -11:24	Genetic engineering
	13:30 -15:18	Enzymology, enzyme

Room C (B21; Bldg. B, 2F)	13:30 -14:42	Antibody engineering
Room D (B32; Bldg. B, 3F)	9:00-11:24	Biochemical engineering
	13:30 -14:54	Biochemical engineering
Room E (D12; Bldg. D, 1F)	9:00 -11:24	Biosynthesis, natural organic chemistry
	13:30 -15:18	Biosynthesis, natural organic chemistry/Organic chemistry, polymer chemistry
Room F (D23; Bldg. D, 2F)	9:00 -10:48	Food science, food technology
	13:30 -14:54	Sensors and monitoring devices
Room G (D25; Bldg. D, 2F)	9:00 -11:24	Biomedical engineering/Cell and tissue engineering
	13:30 -15:18	Cell and tissue engineering
Room H (D32; Bldg. D, 3F)	9:00 -11:24	Brewing, brewing technology
	13:30 -15:18	Cell culture engineering
Room I (D34; Bldg. D, 3F)	9:00 -11:24	Bioinformatics/Systems biology
	13:30 -15:18	Fermentation physiology, fermentation technology
Room J (E23; Bldg. E, 2F)	9:00 -11:24	Environmental technology, wastewater treatment
	13:30 -15:18	Environmental technology, wastewater treatment