

October 16 (Tue)

15:00-17:00 Registration

17:20-17:30 Opening Remarks: Chihiro SASAKAWA

Opening Session

Chairs: Chihiro SASAKAWA, Hiroshi KIYONO

17:30-18:00	Opening -1	Differentiation and function of regulatory T cells HHMI and Immunology Program, Memorial Sloan-Kettering Cancer Center, USA Alexander RUDENSKY
18:00-18:30	Opening -2	Genetic and epigenetic control of regulatory T cell development Department of Experimental Immunology, WPI Immunology Frontier Research Center, Osaka University, Japan Shimon SAKAGUCHI

18:40-20:00 Welcome Reception

October 17 (Wed)

7:00-8:50

Breakfast

Session A: Bacterial Infection

Chairs: Chihiro SASAKAWA, Scott HULTGREN

9:00-9:30	A-1	Shigella circumvention of the gut mucosal barriers Nippon Institute for Biological Science, Japan Chihiro SASAKAWA
9:30-10:00	A-2	Interactions of Salmonella and Listeria with the autophagy system of host cells Cell Biology Program, Hospital for Sick Children, Canada John BRUMELL
10:00-10:30	A-3	The molecular logic of UPEC pathogenesis and targeted therapies Department of Molecular Microbiology, Washington University, USA Scott HULTGREN
10:30-10:45	A-4 (55)	New animal model of Shigellosis in adult mice by intraperitoneal infection Mucosal Immunology Section, International Vaccine Institute, Korea Jin-Young YANG

10:45-11:15

Coffee Break

11:15-11:30	A-5 (56)	Intestinal adherence of enterotoxigenic <i>Escherichia coli</i> involves both the subunits of colonization factor CS6 Division of Biochemistry, National Institute of Cholera and Enteric Diseases, India Nabendu S. CHATTERJEE
11:30-12:00	A-6	Bordetella immune evasion by type III effectors Laboratory of Bacterial Infection, Graduate School of Infection Control Sciences, Kitasato University, Japan Akio ABE
12:00-12:30	A-7	Multi-omics approach reveals that bifidobacteria protect from enterohemorrhagic <i>Escherichia coli</i> infection through production of acetate Research Institute for Allergy and Immunology, RIKEN, Japan Hiroshi OHNO

Number in parenthesis: poster number

12:30-14:00

Lunch

Session B: Viral Infection

Chairs: Yoshiharu MATSUURA, Terence S. DERMODY

14:00-14:30	B-1	<p>The Nogo-66 receptor is a neural receptor for mammalian reovirus Vanderbilt University School of Medicine, USA Terence S. DERMODY</p>
14:30-15:00	B-2	<p>Complex interactions in the gut: enteric viruses, bacteria, mucosa, and immunity Department of Microbiology, University of Texas Southwestern Medical Center, USA Julie K. PFEIFFER</p>
15:00-15:30	B-3	<p>An epic journey to publish ferret H5N1 transmission studies International Research Center for Infectious Diseases and Division of Virology, Department of Microbiology and Immunology, Institute of Medical Science, The University of Tokyo, Japan Yoshihiro KAWAOKA</p>
15:30-15:45	B-4 (14)	<p>Viruses as biological control (virocontrol) agents of plant fungal pathogens Institute of Plant Science and Resources, Okayama University, Japan Nobuhiro SUZUKI</p>

15:45-16:15

Coffee Break

16:15-16:30	B-5 (58)	<p>The development of split reporter proteins for membrane fusion analysis Institute of Biophysics, Chinese Academy of Sciences, China Xiao LI</p>
16:30-17:00	B-6	<p>Host factors involved in the propagation and pathogenesis of hepatitis C virus Research Institute for Microbial Diseases, Osaka University, Japan Yoshiharu MATSUURA</p>
17:00-17:30	B-7	<p>Paramyxovirus entry and fusion Department of Virology, Faculty of Medicine, Kyushu University, Japan Yusuke YANAGI</p>

Number in parenthesis: poster number

17:30-19:00

Dinner

19:00-21:00	Poster Session [I]
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October 18 (Thu)

7:00-8:50

Breakfast

Session C: Host Defense

Chairs: Kiyoshi TAKEDA, Venizelos PAPAYANNOPOULOS

9:00-9:30	C-1	Neutrophil extracellular traps in immunity and disease National Institute for Medical Research Council, UK Venizelos PAPAYANNOPOULOS
9:30-10:00	C-2	Roles of IL-17A and IL-17F in host defense against pathogens and intestinal tumors Research Institute for Biomedical Sciences, Tokyo University of Science, Japan Yoichiro IWAKURA
10:00-10:30	C-3	Innate Immune Responses and Inflammation Laboratory of Host Defense, WPI Immunology Frontier Research Center, Osaka University, Japan Shizuo AKIRA
10:30-10:45	C-4 (59)	The orphan nuclear receptor SHP acts as a negative regulator in inflammatory signaling triggered by Toll-like receptors Department of Microbiology, College of Medicine, Chungnam National University, Korea Jae-Min YUK

10:45-11:15

Coffee Break

11:15-11:30	C-5 (57)	Activation of stat6 by sting is critical for antiviral innate immunity State Key Laboratory of Protein and Plant Gene Research, Peking University, China Hui SUN
11:30-12:00	C-6	Dendritic cells and host defence Immunobiology Laboratory, Cancer Research UK London Research Institute, UK Caetano REIS E SOUSA
12:00-12:30	C-7	Prospects for universal influenza and AIDS vaccines Vaccine Research Center, NIAID, National Institutes of Health, USA Gary Jan NABEL

Number in parenthesis: poster number

12:30-14:00

Lunch

Session D: Barrier and Regulation

Chairs: Ken J. ISHII, Andreas RADBRUCH

14:00-14:30	D-1	<p>Generation and Maintenance of memory CD4 T cells</p> <p>Department of Immunology, Graduate School of Medicine, Chiba University, Japan</p> <p style="text-align: right;">Toshinori NAKAYAMA</p>
14:30-15:00	D-2	<p>Molecular adaptations of proinflammatory Th memory/effector cells to chronic inflammation</p> <p>Deutsches Rheuma-Forschungszentrum Berlin, A Leibniz Institute, Germany</p> <p style="text-align: right;">Andreas RADBRUCH</p>
15:00-15:30	D-3	<p>The IL-23-IL-17 axis in the brain inflammation after stroke</p> <p>Department of Microbiology and Immunology, Keio University School of Medicine, Japan</p> <p style="text-align: right;">Akihiko YOSHIMURA</p>
15:30-15:45	D-4 (35)	<p>Intestinal homeostasis regulated by RORγ⁺ lymphocytes</p> <p>National Center for Child Health and Development, Japan</p> <p style="text-align: right;">Shinichiro SAWA</p>

15:45-16:15

Coffee Break

16:15-16:30	D-5 (60)	<p>Tpl2-independent Toll-like receptor 5 signals induce a regulatory response through Gs-coupled co-receptors activation and ameliorate experimental colitis</p> <p>Division of Clinical Medicine, National Institute of Cholera and Enteric Diseases, India</p> <p style="text-align: right;">Santasabuj DAS</p>
16:30-17:00	D-6	<p>Learning to tolerate our microbial self</p> <p>California Institute of Technology, USA</p> <p style="text-align: right;">Sarkis K. MAZMANIAN</p>
17:00-17:30	D-7	<p>PD-1 deficiency skews the gut microbiota by altering the IgA selection in gut</p> <p>Research Center for Allergy and Immunology, RIKEN, Japan</p> <p style="text-align: right;">Sidonia FAGARASAN</p>

Number in parenthesis: poster number

17:30-19:00

Dinner

19:00-21:00	Poster Session [II]
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October 19 (Fri)

7:00-8:50

Breakfast

Session E: Vaccine

Chairs: Hiroshi KIYONO, Rino RAPPUOLI

9:00-9:30	E-1	Regulation of gut homeostasis by innate immunity Department of Microbiology and Immunology, Graduate School of Medicine, Osaka University, Japan Kiyoshi TAKEDA
9:30-10:00	E-2	Vaccines and immunity against infections Novartis Vaccines and Diagnostics, Italy Rino RAPPUOLI
10:00-10:30	E-3	Function of natural adjuvant of helminth in induction of pulmonary eosinophilic infiltration Department of Immunology and Medical Zoology, Hyogo College of Medicine, Japan Kenji NAKANISHI
10:30-10:45	E-4 (52)	Oral immunization with a heat-killed hexavalent suspension of <i>Shigella</i> strains elicit a protective immune response in guinea pig colitis model National Institute of Cholera and Enteric Diseases (NICED), India Soumik BARMAN

10:45-11:15

Coffee Break

11:15-11:30	E-5 (31)	The Ets transcription factor Spi-B is essential for the differentiation of intestinal M cells Research Center for Allergy and Immunology, RIKEN, Japan Takashi KANAYA
11:30-12:00	E-6	Making immune sense of nucleic acids in inflammation and vaccination Laboratory of Adjuvant Innovation, National Institute of Biomedical Innovation (NIBIO), Japan Ken J. ISHII
12:00-12:30	E-7	Spick-and-span in mucosal vaccine development The Institute of Medical Science, The University of Tokyo, Japan Hiroshi KIYONO

Number in parenthesis: poster number

12:30-12:45

Announcement

12:45-12:50

Closing Remarks: Hiroshi KIYONO

12:50-13:30

Lunch