Program

September 8 (Tue)

13:30 - 16:00		Technical Seminar Organized by: Young Researchers Forum on Infectious Diseases Committee				
13:30		Opening Remarks				
13:40		Super Resolution Microscope (Nikon)				
14:10		Liposome (Katayama Chemical Industries Co., Ltd.)				
14:40		Break (15 min)				
14:55		Exosome (QIAGEN K.K.)				
15:25		Genome Editing (Thermo Fisher Scientific K.K.)				
15:55		Closing Remarks				
16:30		Opening Remarks for The 14th Awaji International Forum on Infection and Immunity Yasushi Kawaguchi, The University of Tokyo, Japan				
16:40 – 18	:20	Session 1: Pathogen to Host Interactions I Chairs: Joel D. Baines, Louisiana State University, USA Ayato Takada, Hokkaido University, Japan				
16:40 17:20 17:50	S1-1 S1-2 S1-3	Novel Cellular Kinases Required for HSV Transcription Hirofumi Sawa , Hokkaido University, Japan Epidemiological and Basic Research Activities Targeting Polyomaviruses				
18:30 - 20	:30	Welcome Party Banquet Hall STELLA (Westin Hotel 1F)				
<u>Septerr</u>	nber	9 (Wed)				
9:00 – 12:1	15	Session 2: Pathogen to Host Interactions II Chairs: Daniel R. Perez, University of Georgia, USA Kouichi Morita, Nagasaki University, Japan				
9:00	S2-1					
9:30	S2-2	Plasticity of Influenza Viruses Tokiko Watanabe , The University of Tokyo, Japan Host-virus interactions in influenza virus replication				
10:00	S2-3	*				

10:30		Break (15 min)
10:45	S2-4	Chikara Kaito, The University of Tokyo, Japan
		Mobile genetic element of MRSA encodes a virulence suppressor
11:15	S2-5	Brendan Scott Crabb, Burnet Institute, Australia
		PTEX is an essential gateway for protein export in malaria parasites
11:45	S2-6 (P-14)	Yasuko Mori, Kobe University, Japan
		Identification of amino acid residues within CD134 required for HHV-6B
		infection
12:00	S2-7 (P-66)	Shiho Suzuki, The University of Tokyo, Japan
		Shigella IpaH7.8 E3 ubiquitin ligase targets glomulin and activates
		Inflammasomes
12:15 – 13	3:45 Free Lunch	h for Participants
13:45 – 15	5:15 Poster S	ession 1 (odd numbers)
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15:15 - 18	3:00 Session 3	3: Immunology I
		Chairs: Alexander V. Chervonsky, The University of Chicago, USA
		Hisashi Arase, Osaka University, Japan
15:15	S 3-1	Shigeo Koyasu, RIKEN, Japan
		Regulatory mechanisms of of ILC2 functions in allergic inflammation
15:45	S3-2	Alexander V. Chervonsky, The University of Chicago, USA
		Inducible glycosylation as a mediator of host-microbiota symbiosis
16:15	S3-3 (P-82)	Sarang Tartey, Kyoto University, Japan
	· · · ·	Essential Function for the Nuclear Protein Akirin2 in B Cell Activation and
		Humoral Immune Responses
16:30		Break (15 min)
10.50		
16:45	S3-4	Hiroyoshi Nishikawa, National Cancer Center, Japan
		Role of regulatory T cells in inflammation-associated colorectal cancer; Friends or foes?
17:15	S3-5	David W. Pascual, University of Florida, USA
		Varied Innate Cell Responses in the Lungs Following Live Vector Vaccination or
		Wild-Type Brucella Infection
17:45	S3-6 (P-81)	Daisuke Fujikura, Hokkaido University, Japan
	. ,	Death receptor 6 is involved in a regulatory mechanism for follicular helper T cell.
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Sonton	ahar 10 (Thu	

September 10 (Thu)

9:00 - 10:0	0 Sessio	4: Pathogen to Host Interactions III Chair: Yoshio Koyanagi, Kyoto University, Japan		
		Co-organized by Japan Society for the Promotion of Science (JSPS) Core-to-Core Program 'International research network for virus infections and host responses'		
		MR. Markata Concentration of Science Concentration Register Concentration Register の 日本学術振興会		
9:00	S4-1	Masafumi Takiguchi, Kumamoto University, Japan		
		Control of HIV-1 by CTLs specific for conserved epitopes		
9:30	S4-2	Jarome A. Zack, UCLA, USA		
		Novel PKC activators for HIV latency reversal		
10:00		Break (15 min)		

10:15 - 12:15		Session 5: Pathogen to Host Interactions IV				
		Chairs: Eric O. Freed, National Cancer Institute, USA				
		Keizo Tomonaga, Kyoto University, Japan				
10:15	S5-1	Eric O. Freed, National Cancer Institute, USA				
		Development of potent and broadly active "second-generation" HIV-1 maturation inhibitors;				
		insights into Gag structure and function				
10:45	S5-2	Hitomi Mimuro, The University of Tokyo, Japan				
		Helicobacter pylori infection and microRNA				
11:15	S5-3	Takeshi Ichinohe, The University of Tokyo, Japan				
11.45	Q5 4 (D	Regulation of inflammasome activation by influenza A viruses				
11:45	S5-4 (P	-62) Takuhiro Matsumura , Osaka University, Japan Botulinum neurotoxin type A complex exploits intestinal M cells to enter the host				
		and exert neurotoxicity				
12:00	S5-5 (P	·				
		Characterization of the antigenic properties of influenza A(H1N1)pdm09 virus				
12:15 – 13:	:45 Fre	ee Lunch for Participants				
13:45 – 15:	:15 P o	ster Session 2 (even numbers)				
15:15 – 17:	:45 Se	ssion 6: Pathogen to Host Interactions V				
		Chairs: Colin M. Crump, University of Cambridge, UK				
		Yoshihiro Kawaoka, The University of Tokyo, Japan				
15:15	S6-1	Toru Okamoto, Osaka University, Japan				
15.15	501	Signal peptide peptidase regulates propagation and pathogenesis of hepatitis C virus				
15:45	S6-2	Colin M. Crump , University of Cambridge, UK				
		Delivery of viral glycoproteins to herpes simplex virus assembly sites				
16:15	S6-3 (P	-41) Yutaka Terada, Yamaguchi University, Japan				
		Function of SARS-CoV nsp4 in replication organelle formation				
16:30		Break (15 min)				
16:45	S6-4	Derek J. Smith, University of Cambridge, UK				
		Antibody landscapes after influenza virus infection or vaccination				
17:15	S6-5	Hiroshi Ashida, The University of Tokyo, Japan				
		<i>Shigella</i> manipulates host immune responses by delivering effector proteins with specific roles				
17:45	S6-6 (P					
		The regulation of Borna disease virus production				
18:30 - 20:	:30 BI	3Q Party				
		Terrace of Coccolare (Westin Hotel 2F)				
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September 11 (Fri)

9:00 - 11:30		Session 7: Immunology II
		Chairs: David W. Pascual, University of Florida, USA
		Takashi Fujita, Kyoto University, Japan
9:00	S7-1	Takashi Fujita, Kyoto University, Japan
		Dysregulation of RIG-I-Like Receptor-dependent signaling causes autoimmune disorder
9:30	S 7-2	Thirumala-Devi Kanneganti, St Jude Children's Research Hospital, USA
		Regulators of Inflammatory Responses

10:00	S7-3 (P-79)	Hiroyuki Oshiumi , Hokkaido University, Japan DDX60 RNA helicase is involved in RIG-I-dependent and independent innate immune response to viral infection
10:15		Break (15 min)
10:30	S7-4	Yoshiyuki Goto, The University of Tokyo, Japan
11:00	S7-5 (P-17)	Commensal microbiota create mucosal barrier system against bacterial infection Ken Fujii, Tokyo Metropolitan Institute of Medical science, Japan
		The role of Type I Interferon system for control of EV71 Infection
11:15	S7-6 (P-78)	Midori Nakamura, National Institute of Infectious Diseases, Japan
		Nucleotide changes in viral genome CD8+ T-cell target regions before and after anti-retroviral therapy in a macaque AIDS model
11:30 – 13	:00 Free Lunci	h for Participants
13:00 – 15	:00 Session	8: Pathogen to Host Interaction VI Chairs: Manoj T. Duraisingh, Harvard School of Public Health, USA Osamu Kaneko, Nagasaki University, Japan
13:00	S8-1	Andrew T. McGuire, Fred Hutchinson Cancer Research Center, USA
		Immunogen design and optimization to target germline B cell receptors that give rise to broadly neutralizing antibodies against HIV-1
13:30	S8-2	Manoj T. Duraisingh, Harvard School of Public Health, USA
		Red blood cell determinants of malaria infection
14:00	S8-3	Junya Yamagishi, Hokkaido University, Japan
		How to approach the diversity in transcriptome, a key to elucidate host-parasite
		interaction in genomic era
14:30	S8-4 (P-61)	Vahab Ali, RMRIMS, India
		Characterization of ferredoxin isoforms of Entamoeba histolytica: In silico modelling and protein-protein interaction
14:45	S8-5 (P-53)	Kazuhide Yahata, Nagasaki University, Japan
11.15	505(155)	Calcium monitoring in Plasmodium falciparum through Yellow Cameleon-Nano Biosensors
15:10	Closing	Remarks

Takashi Fujita, Kyoto University, Japan