

1stOctober 1st, Wednesday

Hotel Nikko Kumamoto 9:00-17:40

8:40-9:00	Registration		
9:00-9:10	Opening Remarks	Shinji Harada [Vice-president, Kumamoto University]	
Session I		9:10-9:55 [45]	
<i>Chair: Hiroaki Mitsuya</i>			
9:10-9:55 [45]	O-1-01	Michael D. Miller Merck Research Laboratories, USA	HIV Drug Discovery: Past, Present, and Future
Session II		9:55-10:35 [40]	
<i>Chair: Shinichi Oka</i>			
9:55-10:35 [40]	O-1-02	Hiroaki Mitsuya Kumamoto University, Japan	Development of HIV-1 Chemotherapeutics in the Era of "HIV-1 To Be Defeated"
10:35-10:50 [15]	Coffee Break		
Session III		10:50-12:05 [75]	
<i>Chair: Masafumi Takiguchi</i>			
10:50-11:35 [45]	O-1-03	Tomáš Hanke University of Oxford, UK	The 2 nd generation conserved region mosaic vaccine against HIV-1.
11:35-12:05 [30]	O-1-04	Tetsuro Matano NIID / Kumamoto University, Japan	Depletion of vaccine-induced CD107a ⁻ CD4 ⁺ T cells following SIV infection
12:05-13:30 [85]	Lunch		
Session IV		13:30-14:05 [35]	
<i>Chair: Tetsuro Matano</i>			
13:30-14:05 [35]	O-1-05	Mark S. de Souza Cooper Human Systems, USA	T cell dysregulation at the intestinal mucosa and peripheral blood during early acute HIV infection
Session V		14:05-14:40 [35]	
<i>Chair: Nobuo Sakaguchi</i>			
14:05-14:40 [35]	O-1-06	Yoshio Koyanagi Kyoto University, Japan	Conflicts and benefits between primate lentiviruses and host restriction factors
Session VI		14:40-15:10 [30]	
<i>Chair: Hiroyuki Gatanaga</i>			
14:40-15:10 [30]	O-1-07	Takamasa Ueno Kumamoto University, Japan	Impaired Nef function is associated with early control of HIV-1 viremia
15:10-15:25 [15]	Coffee Break		
Session VII		15:25-16:40 [75]	
<i>Chair: Yorifumi Satou</i>			
15:25-16:10 [45]	O-1-08	Mathias Lichterfeld Harvard Medical School, USA	Cellular reservoirs for HIV-1 long-term persistence despite antiretroviral therapy
16:10-16:40 [30]	O-1-09	Seiji Okada Kumamoto University, Japan	HIV-1 restriction factor COMMD1 reinforces HIV-1 latent infection through IκB-α stabilization.
Session VIII		16:40-17:10 [30]	
<i>Chair: Kazuhisa Yoshimura</i>			
16:40-17:10 [30]	O-1-10	Hiroyuki Yamamoto NIID, Japan	<i>In vivo</i> determinants of SIV neutralizing antibody induction
Session IX		17:10-17:40 [30]	
<i>Chair: Shinya Suzu</i>			
17:10-17:40 [30]	O-1-11	Shuzo Matsushita Kumamoto University, Japan	Therapeutic application of neutralizing antibodies based on the recent data on complementary and synergistic activities against a wide range of HIV-1 strains.

2ndOctober 2nd, Thursday

Aso Resort GRANDVRIO Hotel 13:00-17:55

Poster Session I

13:00-14:40 [100]

Chairs: Shinya Suzu & Yorifumi Satou

13:00-13:30 [30] One-minute presentation

13:30-14:40 [70] Discussion for posters with one-minute presentation

Session X

14:40-15:10 [30]

Chair: Yasuo Ariumi

14:40-15:10 [30]	O-2-12	Hirokazu Tamamura Tokyo Medical and Dental University, Japan	Cell-permeable stapled peptides with integrase inhibitory activity derived from HIV gene products
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Session XI

15:10-15:40 [30]

Chair: Yosuke Maeda

15:10-15:40 [30]	O-2-13	Shinya Suzu Kumamoto University, Japan	Fibroblastic leukocytes as a unique type of HIV-1 target cells
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Session XII

15:40-16:55 [75]

Chair: Takamasa Ueno

15:40-16:10 [30]	O-2-14	Hiroyuki Gatanaga NCGM / Kumamoto University, Japan	Prevalence and effects of rilpivirine resistance-associated mutations
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16:10-16:55 [45]	O-2-15	Zabrina L. Brumme Simon Fraser University, Canada	HIV adaptation to HLA: the power of the comparative approach
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Session XIII

16:55-17:25 [30]

Chair: Shuzo Matsushita

16:55-17:25 [30]	O-2-16	Yasuo Ariumi Kumamoto University, Japan	HIV-1 Vpr and p21 ^{Waf1/Cip1} restrict the LINE-1 retrotransposition
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Session XIV

17:25-17:55 [30]

Chair: Seiji Okada

17:25-17:55 [30]	O-2-17	Takeo Kuwata Kumamoto University, Japan	Acquisition of resistance to the CCR5 antagonist cenicriviroc renders HIV-1 sensitive to neutralizing antibodies
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19:00-21:00 [120] Reception

3rdOctober 3rd, Friday

Aso Resort GRANDVRIO Hotel 8:30-15:10

★ In the morning sessions, venue is divided into group A and B.

Young Investigator Symposium : Group A 8:30-12:05			
YIS-A Session I		8:30-10:10 [100]	
<i>Chairs: Keiko Sakai & Kazuhiko Maeda</i>			
8:30-8:50 [20]	O-3A-18	Takushi Nomura NIID, Japan	Broadening of CD8 ⁺ T-cell targets precedes accumulation of proviral escape mutations in SIV controllers
8:50-9:10 [20]	O-3A-19	Hayato Murakoshi Kumamoto University, Japan	Effective control of HIV-1 by cytotoxic T cells specific for multiple conserved epitopes
9:10-9:30 [20]	O-3A-20	Macdonald Mahiti Kumamoto University, Japan	Natural isolated HIV-1 Nef differentially recognize the cytoplasmic tails of HLA-A and HLA-B molecules for down-regulation
9:30-9:50 [20]	O-3A-21	Takayuki Chikata Kumamoto University, Japan	The impact of amino-acid substitution at a position outside the peptide binding groove of HLA-C subtypes in HIV-1-specific T cell recognition
9:50-10:10 [20]	O-3A-22	Zhansong Lin Kumamoto University, Japan	The effect of co-expression of KIRs and their HLA ligands on HIV-1 control
10:10-10:25 [15]	Coffee Break		
YIS-A Session II		10:25-12:05 [100]	
<i>Chairs: Takeo Kuwata & Hayato Murakoshi</i>			
10:25-10:45 [20]	O-3A-23	Keiko Sakai Kumamoto University, Japan	Investigation of the association of Gag-dependent replication capacities with clinical outcomes of HIV-1 infection.
10:45-11:05 [20]	O-3A-24	Muntasir Alam Kumamoto University, Japan	Mutations in gp41 that confer resistance to fusion inhibitors enhance the neutralization sensitivity to antibodies against both gp41 and gp120
11:05-11:25 [20]	O-3A-25	Kristel Ramirez Kumamoto University, Japan	Evaluation of complementarity and synergy of conventional anti-HIV-1 antibodies derived from a single individual
11:25-11:45 [20]	O-3A-26	Hesham E. Nasser Kumamoto University, Japan	Phenotypic characterization of fibrocytes, the recently identified HIV-1 host cells
11:45-12:05 [20]	O-3A-27	Michihiro Hashimoto Kumamoto University, Japan	Nef-induced activation of macrophages is mediated by TAK1 and macropinocytosis

3rdOctober 3rd, Friday

Aso Resort GRANDVRIO Hotel 8:30-15:10

★ In the morning sessions, venue is divided into group A and B.

Young Investigator Symposium : Group B 8:30-12:05			
YIS-B Session I		8:30-10:10 [100]	
Chairs: Shigeyoshi Harada & Takeshi Nishijima			
8:30-8:50 [20]	O-3B-28	Daisuke Mizushima NCGM / Kumamoto University, Japan	Prognosis of renal function of Vietnamese HIV-infected patients with mild-to-moderate renal dysfunction on tenofovir
8:50-9:10 [20]	O-3B-29	Samatchaya Boonchawalit Kumamoto University / NIID, Japan	Impact of maraviroc (MVC)-resistant mutations in the C1 and C4 regions of gp120 on sensitivity to antibody-mediated neutralization
9:10-9:30 [20]	O-3B-30	Hironori Hayashi NCGM, Japan	Dimerization of HIV-1 Protease Occurs through Two Steps, Which Relates to the Mechanism of Protease Dimerization Inhibition by Darunavir
9:30-9:50 [20]	O-3B-31	Yorifumi Satou Kumamoto University, Japan	HIV-1 integration site analysis by using next generation sequencing: a tool to study HIV-1 reservoir cells
9:50-10:10 [20]	O-3B-32	Yasuaki Yanagawa NCGM / Kumamoto University, Japan	Long-term Prognosis for HIV Associated Kaposi's Sarcoma In the Era of cART in Japan
10:10-10:25 [15] Coffee Break			
YIS-B Session II		10:25-12:05 [100]	
Chairs: Kazuaki Monde & Ryota Koba			
10:25-10:45 [20]	O-3B-33	Ekram W. Abd El- Wahab Alexandria Univ., Egypt / Kumamoto Univ., Japan	Specific Recognition of the HIV-1 genomic RNA by the Gag precursor
10:45-11:05 [20]	O-3B-34	Sarah Ameen Almofty Kumamoto University, Japan	A TREX-2 component GANP is dispersed from the nuclear envelope during HIV-1 virus entry and associated with integrase in the host cell nucleus
11:05-11:25 [20]	O-3B-35	Mayuko Shimoda Kumamoto University, Japan	GANP that interacts with HIV-1 integrase inherently suppresses retrotransposition
11:25-11:45 [20]	O-3B-36	Kazuaki Monde Kumamoto University, Japan	Intrinsic interference between human endogenous retrovirus and HIV-1.
11:45-12:05 [20]	O-3B-37	Shigeyoshi Harada NIID, Japan	Genetic and Structure-Function Analyses of Human Immunodeficiency Virus Type 1 Escape from CD4 Mimic Small Compounds (CD4MCs)

3rdOctober 3rd, Friday

Aso Resort GRANDVRIO Hotel 8:30-15:10

★ In the afternoon session, groups joint venue

Poster Session II (with Lunch)		12:05-14:05 [120]
<i>Chairs: Shinya Suzu & Yorifumi Satou</i>		
12:05-13:05 [60]	Lunch and Poster	
13:05-14:05 [60]	Discussion for posters with oral presentation	
	* Best Paper Award Voting	
Session XV		14:10-14:30 [20]
<i>Chair: Shogo Misumi</i>		
14:10-14:30 [20]	O-3-38	Masayuki Amano Kumamoto University, Japan Identification of HIV-1 Capsid decomposers that promote significant Capsid protein degradation in vitro.
Session XVI		14:30-15:00 [30]
<i>Chair: Shinichi Oka</i>		
14:30-15:00 [30]	O-3-39	Masafumi Takiguchi Kumamoto University, Japan Control of HIV-1 by Cytotoxic T cells in Japanese Individuals: Past and Present
15:00-15:05	Best Paper Award Ceremony	
15:05-15:10	Closing Remarks	Masafumi Takiguchi [Director, CAIDS, Kumamoto University]