

19th Kumamoto AIDS seminar

1st

November 6th, Tuesday

Kumamoto Kenmin Koryu Kaikan Parea 10F Parea Hall 11:20-18:10

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| 10:30 -11:20 | | | | Registration & Poster hanging up | |
| 11:20 -11:30 | | Opening Remarks | | *Special Remarks | Shinji Harada [President, Kumamoto University] |
| Session I | | New approaches to HIV virology | | 11:30-13:10 [100] Chairs: Mark Brockman (Simon Fraser Univ.) & Takamasa Ueno (Kumamoto Univ.) | |
| 11:30-12:00 [30] | O - 01 | Constantinos Petrovas National Institute of Health, USA | Lymph Node Dynamics in HIV/SIV: what can we learn from imaging studies? | | |
| 12:00-12:15 [15] | O - 02 | Xiaoming Sun Harvard Medical School, USA | A systems biology approach to dissecting the HIV-1 immune control in Elite Controllers | | |
| 12:15-12:40 [25] | O - 03 | Yorifumi Satou Kumamoto University, Japan | Selection of HIV-1 proviruses under combined treatment with LRA and an anti-retroviral drug in vitro | | |
| 12:40-13:10 [30] | O - 04 | Zabrina Brumme BC Centre for Excellence in HIV/AIDS, Canada | Using phylogenetics to reveal new insights into latent HIV reservoir dynamics and persistence | | |
| Session II | | | | 9F Meeting Room | |
| Poster Discussion with light meal (Best Poster vote) | | | | 13:10-15:00 (110) Chairs: Yorifumi Satou (Kumamoto Univ.), Seiji Okada(Kumamoto Univ.) Naoki Ishizuka (Cancer Institute Hospital/Kumamoto Univ.) | |
| Session III | | Abstract-driven session | | 15:00-15:50 [50] Chairs: Yosuke Maeda (Kumamoto Univ.) & Kazuhisa Yoshimura (Sakura Hosp./Kumamoto Univ.) | |
| 15:00-15:10 [10] | O - 05 (P-08) | Takuya Kobayakawa Tokyo Medical and Dental University, Japan | Structure-activity relationship studies of CD4 mimic molecules for targeting an envelope protein gp120 on HIV-1 | | |
| 15:10-15:20 [10] | O - 06 (P-22) | Win Thida Kumamoto University, Japan | ADCC activity of HIV-1 Env-specific monoclonal antibodies against subtype B and CRF01_AE viruses from Japan and Vietnam | | |
| 15:20-15:30 [10] | O - 07 (P-07) | Tomohiro Kanuma National Institutes of Biomedical Innovation, Health and Nutrition, Japan | STING ligands induce re-activation of latently SIV-infected cells and augment SIV-specific CTL responses | | |
| 15:30-15:40 [10] | O - 08 (P-31) | Jutatip Panaampon Kumamoto University, Japan | Effect of Elotuzumab (Anti-CS1 Antibody) on NK cells mediated cytotoxicity against primary effusion lymphoma | | |
| 15:40-15:50 [10] | O - 09 (P-12) | Osamu Noyori Kumamoto University, Japan | Virological and hematological analyses of fibrocytes in HIV-1 infected patients | | |
| 15:50-16:10 [20] | | Coffee Break | | | |
| Session IV | | Human cellular immune response | | 16:10-17:25 [75] Chairs: Tetsuro Matano (NIID/Kumamoto Univ.) & Hiroyuki Gatanaga (ACC/Kumamoto Univ.) | |
| 16:10-16:25 [15] | O - 10 | Takayuki Chikata Kumamoto University, Japan | Identification and characterization of HIV-1 epitopes presented by the protective HLA-C*12:02 allele using mass spectrometry analysis of single-allele transfectants. | | |
| 16:25-16:55 [30] | O - 11 | Katsumi Maenaka Hokkaido University, Japan | Structural basis for immune regulation of HIV: Nef and Killer cell Ig-like receptors | | |
| 16:55-17:25 [30] | O - 12 | Masafumi Takiguchi Kumamoto University, Japan | CTL- and NK cell-mediated HIV-1 control in Asians | | |
| Session V | | Key Note | | 17:25-18:10 [45] Chair: Masafumi Takiguchi (Kumamoto Univ.) | |
| 17:25-18:10 [45] | O - 13 | Andrew McMichael University of Oxford, U.K | Can vaccine-stimulated T cell immune responses prevent HIV-1 infection? | | |
| 19:00-21:00 [120] | | Reception in Nikko Hotel 5F | | | |

2nd

November 7th, Wednesday

8:45 Registration

Kumamoto Kenmin Koryu Kaikan Parea 10F Parea Hall 9:00-13:10

| Session VI Persistent viral infections | | 9:00-10:00 [60] | |
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| Chairs: Masao Matsuoka (Kumamoto Univ.) & Kenji Maeda (NCGM, Japan) | | | |
| 09:00-09:30 [30] | O - 14 | Masanori Ikeda Kagoshima University, Japan | Clofarabine exhibits bifunctional anti-Hepatoma virus activity |
| 09:30-9:45 [15] | O - 15 | Paola Miyazato Kumamoto University, Japan | Possible role of ZC3HAV1 protein in the post-transcriptional regulation of HTLV-1 RNAs |
| 9:45-10:00 [15] | O - 16 | Yusuke Higuchi Kyoto University, Japan | Loss of IL-6 accelerates inflammation and lymphomagenesis in HTLV-1 bZIP factor transgenic mice |
| Session VII Epidemiology and co-infection | | 10:00-10:50 [50] | |
| Chairs: Shinichi Oka (NCGM/Kumamoto Univ.) & Shuzo Matsushita (Kumamoto Univ.) | | | |
| 10:00-10:10 [10] | O - 17 (P-03) | Godfrey Barabona Kumamoto University, Japan | Accumulated HIV-1 drug resistance restrict therapeutic options in Tanzania |
| 10:10-10:20 [10] | O - 18 (P-04) | Daisuke Shiojiri ACC/Kumamoto University, Japan | Risk factors associated with anorectal HPV infection and HPV precancer in HIV-non-infected and HIV-infected Men who have Sex with Men |
| 10:20-10:50 [30] | O - 19 | Sarah Rowland Jones University of Oxford, UK/Kumamoto University, Japan | High cytomegalovirus (CMV) DNA-aemia is associated with stunting and chronic lung disease in older children with perinatally-acquired HIV infection (PHIV) |
| 10:50-11:10 [20] Coffee Break | | | |
| Session VIII Intrinsic inhibitors for HIV-1 | | 11:10-11:55 [45] | |
| Chairs: Shogo Misumi (Kumamoto Univ.) & Shinya Suzu (Kumamoto Univ.) | | | |
| 11:10-11:20 [10] | O - 20 (P-17) | Naoki Kishimoto Kumamoto University, Japan | Bifunctional inhibitory effects of alpha-enolase on HIV-1 replication |
| 11:20-11:30 [10] | O - 21 (P-14) | Omnia AbdelRahman Kumamoto University, Japan | Mechanisms of anti-HIV-1 activity of IL-32 in macrophages |
| 11:30-11:55 [25] | O - 22 | Yasuo Ariumi Kumamoto University, Japan | Apolipoprotein E is an HIV-1-inducible inhibitor of viral production and infectivity in macrophages |
| Session IX Monkey model | | 11:55-13:10 [75] | |
| Chairs: Takeo Kuwata (Kumamoto Univ.) & Takuya Yamamoto (NIBIOHN/Kumamoto Univ.) | | | |
| 11:55-12:25 [30] | O - 23 | David Watkins University of Miami, USA | Neutralizing monoclonal antibodies to prevent and treat yellow fever virus infection |
| 12:25-12:40 [15] | O - 24 | Takushi Nomura National Institute of Infectious Diseases, Japan | Gag epitope-specific CD8+ T cell responses in SIV controllers |
| 12:40-13:10 [30] | O - 25 | Yoshinori Fukazawa Oregon Health & Science University, USA | Potential to prevent or delay AIDS virus rebound by early antiretroviral therapy |
| 13:10 | Concluding Remarks | | Andrew McMichael (University of Oxford, U.K) |