

The 2nd France-Japan symposium on HIV/AIDS and infectious disease basic research

-a special event associated with the 35th Annual Meeting of
the Japanese Society for AIDS research-

November 4th to 6th 2022
Grand Prince Hotel Takanawa

Scientific and Organizing Committee

Ai Kawana-Tachikawa, Victor Appay, Masafumi Takiguchi, and Tetsuro Matano

PROGRAM

Day 1: November 4th

9:00 – 9:15 Opening remarks: *Victor Appay, Tetsuro Matano*

Session 1 – Viral replication

Chairs: Jerome Estaquier & Kosuke Miyauchi

9:20 – 9:45 Title: **Genotype to phenotype Japan (G2P-Japan) consortium-based collaboration to elucidate the virological characteristics of SARS-CoV-2 variants**
Akatsuki Saito, University of Miyazaki

9:45 – 10:10 Title: **Imaging approaches to study viral replication**
Christophe Zimmer, Institut Pasteur, Paris

10:10 - 10:35 Title: **Hepatitis B virus entry and its application to drug development**
Koichi Watashi, National Institute of Infectious Diseases

10:35 – 11:00 Title: **An academic journey to discover novel HBV/HDV therapeutics**
David Durantel, INSERM – Lyon University

11:00 – 11:20 **COFFEE BREAK (20min)**

Session 2-1 – Virus/host interaction

Chairs: David Durantel & Masanori Isogawa

11:20 – 11:45 Title: **Association of HLA-DPB1 genotype and HBV amino acids in HBV-derived HCC**
Masaya Sugiyama, National Center for Global Health and Medicine

11:45 – 12:10 Title: **Genomic surveillance of SARS-CoV-2 in France and example of the emergence of**

a Delta-Omicron Recombinant
Etienne Simon-Loriere, *Institut Pasteur, Paris*

12:10 – 13:30 LUNCH

Session 2-2 – Virus/host interaction

Chairs: Anastassia Komarova & Takuya Yamamoto

13:30 – 13:55 Title: **Dysregulation of dendritic cell subsets (pre-DCs) is induced in early SIV infection**
Benoit Favier, CEA – Paris Saclay University

13:55 – 14:20 Title: **Monocyte compartment in HIV-1 infection**
Naofumi Takahashi, Kumamoto University

14:20 – 14:45 Title: **Insights into the immune mechanisms associated with post-treatment control**
Asier Saez-Cirion, Institut Pasteur, Paris

14:45 – 15:05 COFFEE BREAK (20min)

Session 3 – Innate response

Chairs: Benoit Favier & Kenzo Tokunaga

15:05– 15:30 Title: **Interferon-inducible protein Galectin-9 restricts hepatitis B virus replication through the selective autophagy**
Kei Miyakawa, National Institute of Infectious Diseases

15:30 – 15:55 Title: **Detection of viruses by innate sensors in the nucleus**
Nicolas Manel, Institut Curie, Paris

15:55 – 16:20 Title: **Y RNAs Lead a Conserved Endogenous Program of RIG-I Agonism upon RNA virus Infections that is Targeted by HIV**
Anastasia Komarova, Institut Pasteur, Paris

16:20 – 16:45 Title: **Enhancement of Vif CD8⁺ T-cell epitope presentation by Vif-APOBEC3G interaction**
Sayuri Seki, National Institute of Infectious Diseases

Session 4-1 – Adaptive response

Chairs: Anne Sophie Beignon & Hiroyuki Yamamoto

- 9:00 - 9:25** Title: **Identification and characterization of HLA-C-restricted immunodominant epitopes using an immunopeptidomics approach**
Takayuki Chikata, Kumamoto University
- 9:25 - 9:50** Title: **Characterization of follicular CD8 T cells in SIV-infected cynomolgus monkeys under cART**
Takuya Yamamoto, National Institute of Biomedical Innovation, Health and Nutrition
- 9:50 - 10:15** Title: **Evidence of rejuvenated HIV-1 specific CD8 T cells after 30 years of infection**
Victor Appay, INSERM – Bordeaux University

10:15 – 10:35 COFFEE BREAK (20min)

Session 4-2 – Adaptive response

Chairs: Nabila Seddiki & Takamasa Ueno

- 10:35 – 11:00** Title: **T cell immunology in viral infection based on TCR repertoire analysis**
Ai Kawana-Tachikawa, National Institute of Infectious Diseases
- 11:00 – 11:25** Title: **Antibody responses against SARS-CoV-2 variants**
Saya Moriyama, National Institute of Infectious Diseases
- 11:25 – 11:50** Title: **Immunosignaling signature of SIV-specific neutralizing antibody induction**
Hiroyuki Yamamoto, National Institute of Infectious Diseases

11:50 – 13:30 LUNCH

Session 5 – Integration and latency

Chairs: Asier Saez Cirion & Takeshi Yoshida

- 13:30 – 13:55** Title: **Identification of host factors regulating HIV-1 latency and their potential therapeutic targets in HIV-1 latency reversal**
Hiroaki Takeuchi, Tokyo Medical and Dental University
- 13:55 – 14:20** Title: **Cellular and anatomical viral reservoirs in SIV-infected macaques**
Jerome Estaquier, INSERM – Paris Cité University
- 14:20 – 14:45** Title: **Identification and Molecular Characterization of a Novel HTLV-1 Silencer**
Misaki Matsuo, Kumamoto University

14:45-15:05

COFFEE BREAK (20min)

Session 6 – Towards vaccines

Chairs: Nicolas Manel & Nozomi Kuse

- 15:05 – 15:30** Title: **Modulation and training of innate responses by vaccines, insights from non-human primate studies**
Anne Sophie Beignon, CEA – Paris Saclay University
- 15:30 – 15:55** Title: **Anti-Env antibody induction by vaccination can result in protection against HTLV-1 challenge in cynomolgus macaques**
Hiroshi Ishii, National Institute of Infectious Diseases
- 15:55 – 16:20** Title: **Therapeutic vaccines to modulate and boost HIV-1 specific T-cell responses**
Nabila Seddiki, CEA – Paris Saclay University

Entertainment & closing remarks

- 16:30 – 16:50** **Welcome Performance**
- 16:50 – 17:00** **Closing remarks: *Masafumi Takiguchi***

One-to-One meeting

9:00 – 9:10

9:10 – 9:35 **One-to-One meeting 1**

9:35 – 10:00 **One-to-One meeting 2**

10:10 – 10:25 **One-to-One meeting 3**

10:25 – 10:50 **One-to-One meeting 4**

11:00-12:00 **Free discussion with the participants**

12:00- **Photo & Closing**