

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-

on November 4th - 6th 2022

at Grand Prince Hotel Shin Takanawa, Tokyo, Japan

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, Miyazaki, Japan

9:45 – 10:10

Title: **Imaging approaches to study viral replication**
Christophe Zimmer, Institut Pasteur, Paris, France

10:10 - 10:35

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

10:35 – 11:00

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

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, Tokyo, Japan

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, France

12:10 – 13:30

LUNCH

Session 2-2 – Virus-Host Interaction

Chairs: Anastasia 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, Paris, France

13:55 – 14:20

Title: Monocyte compartment in HIV-1 infection

Naofumi Takahashi, Kumamoto University, Kumamoto, Japan

14:20 – 14:45

Title: Insights into the immune mechanisms associated with post-treatment control

Asier Saez-Cirion, Institut Pasteur, Paris, France

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, Tokyo, Japan

15:30 – 15:55

Title: Detection of viruses by innate sensors in the nucleus

Nicolas Manel, Institut Curie, Paris, Paris, France

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, Paris, France

16:20 – 16:45

Title: Enhancement of Vif CD8⁺ T-cell epitope presentation by Vif-APOBEC3G interaction

Sayuri Seki, National Institute of Infectious Diseases, Tokyo, Japan

Day 2: November 5th

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, Kumamoto, Japan*
- 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, Ibaraki, Japan*
- 9:50 - 10:15** Title: **Evidence of rejuvenated HIV-1 specific CD8 T cells after 30 years of infection**
Victor Appay, *INSERM – Bordeaux University, Bordeaux, France*
- 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, Tokyo, Japan*
- 11:00 – 11:25** Title: **Antibody responses against SARS-CoV-2 variants**
Saya Moriyama, *National Institute of Infectious Diseases, Tokyo, Japan*
- 11:25 – 11:50** Title: **Immunosignaling signature of SIV-specific neutralizing antibody induction**
Hiroyuki Yamamoto, *National Institute of Infectious Diseases, Tokyo, Japan*
- 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, Tokyo, Japan*
- 13:55 – 14:20** Title: **Cellular and anatomical viral reservoirs in SIV-infected macaques**
Jerome Estaquier, *INSERM – Paris Cité University, Paris, France*
- 14:20 – 14:45** Title: **Identification and Molecular Characterization of a Novel HTLV-1 Silencer**
Misaki Matsuo, *Kumamoto University, Kumamoto, Japan*

14:45-15:05

COFFEE BREAK (20min)

Session 6 – 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, Paris, France*
- 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, Tokyo, Japan*
- 15:55 – 16:20** Title: **Therapeutic vaccines to modulate and boost HIV-1 specific T-cell responses**
Nabila Seddiki, *CEA – Paris Saclay University, Paris, France*

Entertainment & Closing Remarks

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

Day 3: November 6th

One-to-One meeting

9:00 – 9:10	Introduction
9:10 – 9:40	One-to-One meeting 1
9:40 – 10:10	One-to-One meeting 2
10:10 – 10:40	One-to-One meeting 3
	COFFEE BREAK (10min)
10:50 – 11:20	One-to-One meeting 4
11:20 – 11:50	One-to-One meeting 5
12:00	Closing

Scientific and Organizing Committee

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