

AC41 Host-Virus interactions annual international symposium

"Targeting the HIV reservoir: from HIV sensing to immunotherapies"



21st November 2023



at **Institut Pasteur**, Paris
François Jacob auditorium

Preliminary program

8:45am **OPENING COFFEE**

9:00am **Welcome**
Michaela MÜLLER-TRUTWIN (Institut Pasteur, France)

Session 1 - HIV sensing and cellular defences

Chairs: Alessia Zamborlini and Nolwenn Jouvenet

9:10am **"HIV, host defence and how it may relate to cure"**
Greg Towers (University College London, UK)

9:35am **"Microtubules as a novel battleground in host cellular responses to HIV"**
Andrea Cimarelli (CIRI, Université de Lyon, France)

10:00am **"Activation of innate sensors and HIV"**
Nicolas Manel (Institut Curie, France)

10:25am - 10:40am **1 short oral communication:**

"XX"
XX (XX, France)

10:40am - 11:10am **BREAK**

Session 2 - Gene therapy and adoptive transfer strategies

Chairs: Lisa Chakrabarti and Asier Sáez-Cirión

11:10am **CAR T and cancer**
Emmanuel Donnadieu (Institut Cochin, France)

11:35am **"Creating HIV-resistant anti-Envelope CAR T cells"**
Martin Tolstrup (Aarhus University, Denmark)

12:00pm **"Targeted gene therapy for HIV proviral excision"**
Ulrike Lange (German Center for Infection Research-DZIF, Germany)

12:25pm - 12:40pm **1 short oral communication:**

"XX"
XX (XX, France)

12:40pm – 2:10pm LUNCH BREAK

Session 3 – Modulation of the immune system

Chairs : Nicolas Chomont and Nicolas Noël

- 2:10pm** “NHP studies to understand and target HIV persistence”
Mirko Paiardini (Emory University School of Medicine, USA)
- 2:35pm** “Priming of functionally optimal CD8+ T cells in HIV infection”
Victor Appay (ImmunoConcEpT, Université de Bordeaux, France)
- 3:00pm** “Immunomodulatory properties of dasatinib against the HIV reservoir”
Mayte Coiras (National Center of Microbiology, Instituto de Salud Carlos III, Spain)
- 3:25pm** “HIV remission trials: answered and unanswered questions”
Lydie Trautmann (Henry M Jackson Foundation, USA)
- 3:50pm - 4:05pm** 1 short oral communication:
“XX”
XX (XX, France)

4:05 - 4:35pm BREAK

Session 4 – Antibody-based immune therapies

Chairs : Jean-Pierre Routy and Mireia Pelegrin

- 4:35pm** “Engineering antibody-based molecules for HIV treatment and cure”
Guido Ferrari (Duke University Medical Center, USA)
- 5:00am** “bNAbs and immunotherapy in HIV curative strategies”
Ole Sogaard (Aarhus University, Denmark)
- 5:25pm - 5:40pm** 1 short oral communication:
“XX”
XX (XX, France)
- 5:40pm** “Harnessing innate immunity in cancer therapy”
Eric Vivier (Aix-Marseille University, CIML, France)
- 6:05pm** **Concluding remarks**
Yazdan Yazdanpanah (ANRS | Emerging infectious diseases)
- 6:15pm** **Cocktail “Pinard et camembert”** (with posters TBC)

Scientific and organising committee

AC41-44:

Michaela Müller-Trutwin
Victor Appay
Anne-Sophie Beignon
Stéphane Emiliani
Florence Margottin-Goguet
Pierre Delobel

ANRS | Emerging infectious diseases

Basic research department:

Cécile Peltekian
Guia Carrara
Djamila N'Gadjaga

Institut Pasteur:

Nathalie Alazard