AC41 Host-Virus interactions annual international symposium

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

21st November 2023 at Institut Pasteur, Paris
Francois Jacob auditorium

OPENING COFFEE
9:00am
Michaëla Müller-Trutwin (Institut Pasteur, France)

Session 1 - HIV sensing and cellular defences
9:10am
Chairs: Alessia Zamborlini and Nolwenn Jouvenet
“HIV, host defences and how it may relate to cure”
Greg Towers (University College London, UK)
“Activation of innate sensors and HIV”
Nicolas Hané (Institut Curie, France)

10:25am
Flash Talks
Nicolas Barquilla (Nantes University) ; Thomas Loustau (Strasbourg University) ; Florian Heurisse (CEA) ; Leo Placais (University Paris Saclay; Hospital Bicêtre)

10:40am-11:00am BREAK

Session 2 - Gene therapy and adoptive transfer strategies
11:10am
Chairs: Lisa Chalabi and Axier Sæe-Crini
CAR T and cancer
Emmanuel Deramond (Institut Cochin, France)
“Creating HIV-resistant and Env-skew CAR T cells”
Martin Tadross (Aarhus University, Denmark)

12:00pm
“Targeted gene therapy for HIV przeroal escape”
UWE Lange (Center for Infection Research-IDZM, Germany)

12:25pm
“SHERIF: phase IV study results of CD3+ Hematopoietic Stem Cells and CD4+ T lymphocytes Transduced with LentiEcS in HIV Infected Patients with high-risk lymphoma”
Jean-Sebastian Dianai (Necker Hospital, France)

12:40pm-1:20pm LUNCH BREAK (with Posters)

Session 3 - Modulation of the immune system
2:10pm
Chairs: Nicolas Chomet and Nicolas Noili
“NHP studies to understand and target HIV persistence”
Miro Paerinni (Emory University School of Medicine, USA)
“Priming of functionally optimal CD8+ T cells in HIV infection”
Victor Appay (Immunocentis, EPFL, Université de Bordeaux, France)

3:00pm
“Immunomodulatory properties of dasabuvir against the HIV reservoir”
Marje Colins (National Center of Microbiology, Instituto de Salud Carlos III, Spain)
“HIV remission trials: answered and unanswered questions”
Lydette Trautmann (Henry M. Jackson Foundation, USA)

3:50pm
Short talk:
“Studying HIV-brain interplay using advanced in vivo models coupled to machine learning”
Raphael Deuloup (NNH, CNS, Uni Montpellier, France)

4:05pm-4:25pm BREAK

Session 4 - Antibody-based immune therapies
4:30pm
Chairs: Jean-Pierre Routy and Mireia Pelegrin
“Harnessing innate immunity in cancer therapy”
Eric Villaer (University Paris Diderot, France)
“Engineering antibody-based molecules for HIV treatment and cure”
Guido Ferroni (Duke University Medical Center, USA)

5:25pm
Short talk:
“Intact provinces are enriched in the colon and associated with PD-L1+CD8+ T cells with people with HIV-1 antiretroviral therapy”
Camille Vellas (IFNIVIT, Toulouse University, France)

5:40pm
“Ubilabs and immunotherapy in HIV cure strategies”
Ole Søgaard (Aarhus University, Denmark)
“Effusion of Anti PD-1 Immunosuppressive and cure strategies”
Jean-Pierre Routy (McGill University, Canada)

6:20pm
Concluding remarks
Yazdan Yazdanpanah (ANRS | Maladies infectieuses émergentes)

6:30pm
Cocktail “Pierrot et camembert”

Scientific and organizing committee

AC41: ANRS | Maladies infectieuses émergentes
Michaëla Müller-Trutwin (Basic research department)
Victor Appay (Cécile Piettahlan
Assie Sae-Crini (Guia Carrera)
Stephanie Emilian (Djamila N’Djadja)
Florence Margottin-Goguet (Pier Delobel)

Institut Pasteur: Nathalie Alazard

Welcome to the Conference Center
Bienvenue au Centre de Conférences
Access to the campus must be made at 205 Rue de Vaugirard gate
Please bring your identity card/passport with you, as it will be required to access the campus at the welcome desk.
A locker room will be available during the event where you could leave your coats or luggage.