

In parternship with



AC41 Host-Virus interactions annual international symposium

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

21st November 2023

OPENING COFFEE

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

Program

Welcome Michaela MÜLLER-TRUTWIN (Institut Pasteur, France)

Session 1 - HIV sensing and cellular defences

8:45am

9:00am

12:00pm

12:25pm

	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	Flash Talks Nicolas Barquilla (Nante University); Thomas Loustau (Strasbourg University); Florian Meurisse (CEA); Léo Plaçais (Université Paris Saclay, Hôpital Bicêtre); Quang Nhat Tu (ENS Paris-Saclay, Paris-Saclay University)
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)

"Targeted gene therapy for HIV proviral excision"
Ulrike Lange (German Center for Infection Research-DZIF, Germany

Short talk:

"GENHIV : Phase I/II study results of CD34+ Hematopoietic Stem Cells and CD4+ T Lymphocytes Transduced with LVsh5/C46 in HIV-1 Infected Patients with High-Risk Lymphoma" Jean-Sébastien DIANA (Necker Hospital, France)

12:40pm - 2:10pm LUNCH BREAK (with Posters)

Session 3 - Modulation of the immune system

Chairs : Nicolas Chomont and Nicolas Noël

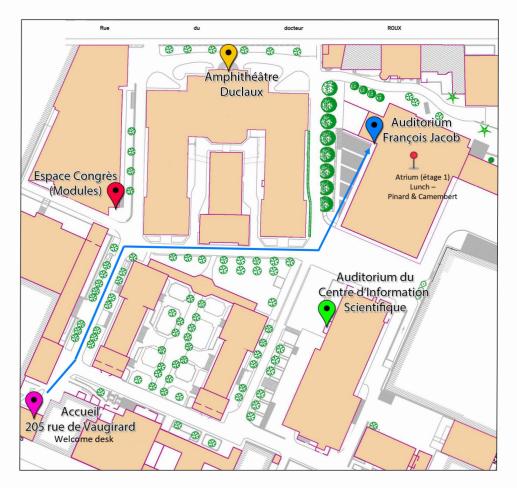
2:10pm	"NHP studies to understand and target HIV persistence" Mirko Paiardini (Emory University School of Medicine, USA)
2:35pm	"Priming of functionally optimal CD8+ T cells in HIV infection" Victor Appay (ImmunoConcEpT, Université de Bordeaux, France)
3:00pm	"Immunomodulatory properties of dasatinib 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	Short talk: "Studying HIV-brain interplay using advanced in vitro models coupled to machine learning " Raphael Gaudin (IRIM, CNRS, Univ Montpellier, France)
4:05pm - 4:35pm	BREAK
Session4 - Ar	ntibody-based immune therapies
	Chairs : Jean-Pierre Routy and Mireia Pelegrin
4:35pm	"Harnessing innate immunity in cancer therapy" Eric Vivier (Aix-Marseille University, CIML, France)
5:00pm	"Engineering antibody-based molecules for HIV treatment and cure" Guido Ferrari (Duke University Medical Center, USA)
5:25pm	Short talk: "Intact proviruses are enriched in the colon and associated with PD-1+TIGIT- mucosal CD4+ T cells of people with HIV-1 on antiretroviral therapy" Camille Vellas (INFINITY, Toulouse University, France)
5:40pm	"bNAbs and immunotherapy in HIV curative strategies" Ole Søgaard (Aarhus University, Denmark)
6:05pm	"Influence of Anti PD-1 Immunotherapy on virological dynamic post ATI" Jean-Pierre Routy (McGill University, Canada)
6:20pm	Concluding remarks Yazdan Yazdanpanah (ANRS Maladies infectieuses émergentes)
6:30pm	Cocktail "Pinard et camembert"
Scientific and o	rganising committee
AC/1 ///	ANRS Maladies infectieuses émergentes la stitut Bostoure

AC41-44:

Michaela Müller-Trutwin Victor Appay Anne-Sophie Beignon Stéphane Emiliani Florence Margottin-Goguet Pierre Delobel ANRS | Maladies infectieuses émergentes Basic research department: Cécile Peltekian Guia Carrara Djamila N'Gadjaga Institut Pasteur: Nathalie Alazard



Bienvenue au Centre de Conférences Welcome to the Conference Center



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 luggages.