

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Mechanisms of HIV Persistence: Implications for a Cure (E1)

April 26-May 1, 2015 • Boston Park Plaza • Boston, Massachusetts, USA
Scientific Organizers: Olivier Lambotte, Steven G. Deeks and Guido Silvestri
Supported by the Directors' Fund

Global Health Travel Award Deadline: November 25, 2014 / Abstract & Scholarship Deadline: December 22, 2014 / Abstract Deadline: January 28, 2015 / Discounted Registration Deadline: February 26, 2015

SUNDAY, APRIL 26

Registration

MONDAY, APRIL 27

Keynote Address

Francoise Barré-Sinoussi, Institut Pasteur, France
HIV Cure as an Aspirational Goal

Biology of HIV Latency

Monsef Benkirane, Institut de Genetique Humaine, France
Toward Development of an Animal Model Dedicated to Explore HIV-1 Persistence

Carine Michele Van Lint, University of Brussels, Belgium
Epigenetic Mechanisms of HIV-1 Postintegration Latency and Reactivation Strategies

Short Talks Chosen from Abstracts

Workshop: Reservoirs and Clinical Care

Short Talks Chosen from Abstracts

Detection and Quantification of HIV Reservoirs

Ronald N. Germain, NIAID, National Institutes of Health, USA
Imaging Immune Cell Dynamics and Functions

Robert F. Siliciano, Johns Hopkins University School of Medicine, USA

HIV Reservoirs: What We Know and What We Don't Know

Una O'Doherty, University of Pennsylvania Medical Center, USA
Residual Viral Replication and HIV Reservoirs

Jintanat Ananworanich, HIV-NAT, SEARCH, Thailand
Effects of Treatment During Acute HIV Infection on HIV Persistence

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, APRIL 28

CD4 T Cells as Reservoir

Chen Dong, MD Anderson Cancer Center, USA
CD4 T Cell Subsets

Sharon R. Lewin, Alfred Hospital and Monash University, Australia
Chemokines and the HIV Reservoir in CD4 T Cells

Richard A. Koup, NIAID, National Institutes of Health, USA
Tfh as an Important HIV Reservoir

Joseph K. Wong, University of California, San Francisco, USA
Characteristics of Tissue HIV Reservoirs in vivo

Short Talk(s) Chosen from Abstracts

Non-CD4 T Cell Reservoirs

Thomas A. Wynn, NIAID, National Institutes of Health, USA
Macrophage Plasticity

Olivier Lambotte, University Paris South, France
Macrophages in the Inflammation of HIV Infection

Melissa J. Churchill, Macfarlane Burnet Centre for Medical Research, Australia

Microglia and the CNS as a Sanctuary for HIV

Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, APRIL 29

Functional Eradication of HIV Reservoirs: Current Approaches and New Directions

Steven G. Deeks, University of California, San Francisco, USA
HIV Control and Inflammation

Thomas A. Rasmussen, Aarhus University Hospital, Denmark
Immune-Based Therapeutics

Paula M. Cannon, University of Southern California, Keck School of Medicine, USA

Gene Therapy for a Functional Cure

Romas Geleziunas, Gilead Sciences, Inc., USA

iHDACs: Strengths and Weaknesses

Short Talk(s) Chosen from Abstracts

How to Fight Immune Exhaustion?

Daniel E. Kaufmann, University of Montreal, Canada
Co-Inhibitory Pathways and HIV Persistence

Charles A. Nicolette†, Argos Therapeutics, USA
Boosting Dendritic Cells and Control of the Reservoirs

Rafick-Pierre Sékaly, VGTI - Florida, USA

Promoting CD4 Differentiation

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, APRIL 30

Strengths and Weaknesses of NHP Models

Guido Silvestri, Emory University School of Medicine, USA
Optimizing the NHP Model for Cure Studies

Bruno Vaslin, Centre des Etudes Atomique, France
Spontaneous Elite Controllers in NHP

Gregory Q. Del Prete, NCI, National Institutes of Health, USA
Evaluation of HDACi Treatment in a Model of ART-Suppressed, SIVmac239-Infected Rhesus Macaques

Short Talks Chosen from Abstracts

Limitations of Antiretroviral Therapy and New Perspectives

Courtney Fletcher, University of Nebraska Medical Center, USA
Is There a Pharmacologic Basis for Persistent HIV Replication

Douglas D. Richman, University of California, San Diego, USA
Measuring the Latent Reservoir

Asier Saez-Cirion, Institut Pasteur, France

Treat Early is the Clue? Example of the Post Treatment Controllers

Speaker to be Announced

Short Talk Chosen from Abstracts

FRIDAY, MAY 1

Departure