

# LES CENT Gardes

## Cent Gardes Conference: HIV Vaccines

Organized by The Mérieux Foundation

Les Pensières Center for Global Health  
Veyrier du Lac - France

September 30th to October 2nd, 2019



des racines pour la vie • roots for life



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Cindy Grasso	Fondation Mérieux France
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# Scientific programme

Monday, September 30th, 2019

13:30 - 14:00	Registration	
14:00 - 14:30	Welcome addresses	Alain Mérieux François Dabis Roger le-Grand Giuseppe Pantaleo
14:30 - 15:00	Keynote lecture: major global health challenges in the 21st century – what can universities do?	Ole Petter Ottersen
15:00 - 15:30	Keynote lecture: gene editing and the promises of genetic immunotherapy	Anne Galy

## Session 1

### HIV PREVENTION

Chair: Larry Corey

(25min presentation + 5min discussion)

15:30 - 16:00	HIV vaccines at the fork in the road: "Just take it" says that great American philosopher, Yogi Berra	Lawrence Corey
16:00 - 16:30	HIV prevention without a vaccine: where are we now and where are we going?	Myron Cohen
16:30 - 17:00	Update on 702 and 705	Glenda Gray
17:00 - 17:30	Preventing HIV with antibodies: probing effects in the mucosal and lymphoid tissues	Julie Mc Elrath
17:30 - 18:00	General discussion	
19:00	Dinner	



# Scientific programme

Tuesday, October 1st, 2019

## Session 2

### INDUCTION OF bNabs

Chairs: Barton Haynes

(25 min presentation + 5 min discussion)

8:30 - 9:00	Induction of bnAbs; how and when will we get there?	Barton Haynes
9:00 - 9:30	Vaccine induction of broadly neutralizing antibodies targeting the HIV-1 fusion peptide	Peter Kwong
09:30 - 10:00	Structural characterization of bnAbs, vaccine candidates, and vaccine-induced antibodies	Ian Wilson
10:00 - 10:30	Induction of neutralizing HIV antibodies by native-like SOSIP trimers	Rogier W. Sanders
10:30 - 11:00	Coffee break	
11:00 - 11:30	Germline-Targeting Vaccine Design for HIV	William Schief
11:30 - 12:00	Long-acting BMS-378806 analogues stabilize the state-1 conformation of the human immunodeficiency virus (HIV-1) envelope glycoproteins	Joseph Sodroski
12:00 - 12:30	Paths to broad neutralization of HIV-1	Alexandra Trkola
12:30 - 13:00	General discussion	
13:00 - 14:30	Group Picture and Lunch	



# Scientific programme

## Session 3

### bNabs UNDER DEVELOPMENT

Chair: Michel Nussenzweig

(25 min presentation + 5 min discussion)

14:30 - 15:00	Introduction	Michel Nussenzweig
15:00 - 15:30	Dissecting the in vivo antiviral mechanism(s) of HIV-specific bNABs	Richard Koup
15:30 - 16:00	Broadly neutralizing antibodies and protection from HIV infection	Dennis Burton
16:00 - 16:30	Coffee break	
16:30 - 17:00	Broadly neutralizing antibody combinations	Dan Barouch
17:00 - 17:30	Discovery and optimization of novel anti-HIV-1 broadly neutralizing antibodies	Craig Fenwick
17:30 - 18:00	Potency of tandem bispecific neutralizing antibody against pathogenic SHIV infection	Zhiwei Chen
18:00 - 18:30	General discussion	
19:30	Dinner	



# Scientific programme

Wednesday, October 2nd, 2019

## Session 4

### FROM TRANSMISSION TO HOST RESPONSE MODULATION

Chair: Robin Shattock

(25 min presentation + 5 min discussion)

8:30 - 9:00	Developing a pipeline to human experimental vaccine studies.	Robin Shattock
9:00 - 09:30	The use of anti-HIV-1 broadly neutralizing antibodies in prevention and treatment experiments	Malcom Martin
09:30 - 10:00	Follicular immune dynamics and development of B cell responses	Constantinos Petrovas
10:00 - 10:30	Coffee break	
10:30 - 11:00	In vivo immune pressure by non-neutralizing antibodies	Mario Roederer
11:00 - 11:30	Modulation of host response to infection and vaccines in preclinical models	Roger Le-Grand
11:30 - 12:00	General discussion	
12:00-13:30	Lunch	

## Session 5

### HIV CURE

Chair: Yves Levy

(25 min presentation + 5 min discussion)

13:30 - 14:00	HIV cure: reality or myth?	Yves Levy
14:00 - 14:30	Role of T follicular helper cells in HIV-1 persistence	Matthieu Perreau
14:30 - 15:00	HIV cure immunotherapy	Steven Deeks
15:00 - 15:30	General discussion	
15:30 - 16:00	Closing remarks	Roger Le Grand Giuseppe Pantaleo

