

Journée thématique SCT-SFV
19 avril 2023



Nouvelles stratégies antivirales : de la recherche à la clinique
New antiviral strategies: from bench to bedside
PROGRAM

9h15 Welcome coffee at Centre François Jacob

10h Conferences at Amphitheater Duclaux – Duclaux Building

10h Welcome address

Noël Tordo (SFV, Institut Pasteur) & Jean-Yves Ortholand (SCT, Edelis)

10h10-10h40 Opening keynote lecture

Chair Noël Tordo

Antivirals, a lot has been achieved, yet a long way to go.

Johan Neyts - KU Leuven, Belgium

Session 1 - The host as a target

10h40 Immunity

Chair Karine Alvarez

Biology

Protective antibodies targeting hantavirus glycoproteins

Pablo Guardado Calvo - Institut Pasteur, Paris, France

Chemistry

Activating immune pathways to cure chronic hepatitis B: From the bench to the clinic

Antoine Alam - Evotec ID, Lyon, France

11h20 Vaccins and new technologies

Chair Muriel Couplier

Biology

Clinical evaluation of new vaccines: from phase 1 to phase 3 trials

Odile Launay - Centre de vaccinologie de Cochin-Pasteur, Paris, France

Chemistry

Messenger RNA-based modalities as alternatives to conventional approaches to fight infectious diseases

Chantal Pichon - CBM, Orleans, France

12h00 Epitranscriptome

Chair Julien Sourimant & Prescilla Sutto

Biology

Viral and cellular epitranscriptomics: New players in RNA virus infections.

Patrick Eldin – IRIM, Montpellier, France

Chemistry

Nucleosides and Oligonucleotides as inhibitors of viral RNA methylation by methyltransferases

Françoise Debart – IBMM, Montpellier, France

12h40 Lunch break and Poster session at Centre François Jacob

14h30 Conferences at Amphitheater Duclaux – Duclaux Building

Session 2 - Virus as targets

14h30 RNA virus and targets

Chair Catherine Isel

Biology

Packaging of the influenza A virus genome: a suitable antiviral target?

Roland Marquet - IBMC Strasbourg, France

Chemistry

From fragment screening to inhibitors of the SARS-CoV-2 RNA genome

Julia Weigand – University of Marburg, Germany

15h10 DNA virus and targets

Chair Mélanie Ethève-Quelquejeu

Biology

Preclinical research and development of nanoparticulated TRL2 agonist for the treatment of chronic HBV and HDV infections

David Durantel - CIRI, ENS Lyon, France

Chemistry

G-quadruplexes & Pathogens: targeting nucleic acid unusual structures

Jean-Louis Mergny - Ecole Polytechnique, Paris, France

15h50 Targeting the entry

Chair Frederic Iseni

Biology

Screening antibodies and other molecules against SARS-CoV-2 and Mpox virus

Olivier Schwartz - Institut Pasteur, Paris, France

Chemistry

Phenotypic screening: an indirect approach for the discovery of molecules impacting intracellular trafficking.

Jean-Christophe Cintrat – CEA, Saclay, France

16h30 Emergence, identification and detection

Chair Hélène Munier-Lehmann

Biology

The Preclinical Study Group (GEPC) of the ANRS-MIE

Xavier de Lamballerie - Université Aix-Marseille, France

Chemistry

From the screening of the Curie-CNRS chemical library to the identification of an anti-HIV drug

Florence Mahuteau-Betzer - Institut Curie, Orsay, France

17h10 Closing remarks

17h30 Cocktail at Centre François Jacob

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