



19<sup>th</sup> Apr. 2023

Paris, France

**NEW ANTIVIRAL  
STRATEGIES:  
FROM BENCH TO BEDSIDE**



## Program

**9h15 Welcome coffee**

**10h Welcome address –**

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

**10h10-10h40 Opening keynote lecture**

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

**Yohan Neyts** (KU Leuven, BE)

**Session 1 -The host as a target**

**10h40 Immunity**

*Biology*

*Protective antibodies targeting hantavirus glycoproteins*

**Pablo Guardado Calvo** (Institut Pasteur, FR)

*Chemistry*

To be announced

**11h20 Vaccins and new technologies**

*Biology*

Title to be communicated

**Odile Launay** (Centre de vaccinologie de Cochin, FR)

*Chemistry*

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

**Chantal Pichon** (CBM, Orleans, FR)

**12h00 Epitranscriptome**

*Biology*

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

**Patrick Eldin** (CNRS Montpellier, FR)

*Chemistry*

*Nucleosides and Oligonucleotides as inhibitors of viral RNA methylation by methyltransferases*

**Françoise Debart** (CNRS Montpellier, FR)

**12h40 Lunch break and Poster session**

## Session 2 -Virus as targets

### 14h30 RNA virus and targets

#### Biology

*"Could we learn from RNA structure to target HIV-1 replication? "*

**Jean-Christophe Paillart** (IBMC Strasbourg, FR)

#### Chemistry

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

**Harald Schwalbe** (University of Frankfurt, DE)

### 15h10 DNA virus and targets

#### Biology

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

**David Durantel** (CIRI, ENS Lyon, FR)

#### Chemistry

*G-quadruplexes & Pathogens: targeting nucleic acid unusual structures*

**Jean-Louis Mergny** (Ecole Polytechnique, FR)

### 15h50 Targeting the entry

#### Biology

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

**Olivier Schwartz** (Institut Pasteur, FR)

#### Chemistry

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

**Jean-Christophe Cintrat** (CEA; IdF,FR)

### 16h30 Emergence, identification and detection

#### Biology

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

**Xavier de Lamballerie** (Université de Marseille,FR)

#### Chemistry

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

**Florence Mahuteau-Betzer** (Institut Curie, Orsay)

### 17h10 Closing remarks

### 17h30 Cocktail