

# Next-Generation Antiviral Therapeutics: Bridging Innovation and Medicinal Chemistry

organised by

Coordinated Action “Viral Targets for Diagnostics, Therapeutics and Vaccines”  
ANRS MIE and Maison de la Chimie

September 25<sup>th</sup> and 26<sup>th</sup> 2025, in-person

Maison de la Chimie, Paris  
28 rue Saint-Dominique, 75007 Paris

## Thursday 25<sup>th</sup> September

10h00 – 10h30 Welcoming coffee and Registration

### 10h30 – 11h10 : Introduction

10h30 – 10h40 Opening Remarks

**Philippe Goebel** (Maison de la Chimie)

10h40 – 10h55 “*Role of medicinal chemistry in drug innovation*”

**Bernard Meunier** (Maison de la Chimie)

10h55 – 11h10 Introduction of the Coordinated Action Viral Targets for Diagnostics, Therapeutics and Vaccines

**Bruno Canard** (CNRS Université Aix Marseille) / **Delphine Planas** (Institut Pasteur)

### 11h10 – 12h20 : Early-career researchers

11h10 – 11h20 Introduction of ANRS MIE and START Programme

(ANRS MIE)

11h20 – 11h50 “*Synthesis and evaluation of novel inhibitors of the Denv NS3-NS5protein-protein interaction*”

**Tereza Horackova** (Université de Prague)

11h50 – 12h20 “*The respiratory syncytial virus polymerase complex: a breeding ground for antivirals still challenging to inhibit in vivo*”

**Julien Sourimant** (INRAE)

12h20 – 14h00 Lunch

## 14h00 – 16h00 : Academic research

**14h00 – 14h30** *“Designing the MedChem dashboard to deliver novel highly potent anti-SARS-CoV-2 compounds”*

**Julie Charton** (Université de Lille)

**14h30 – 15h00** *“Conception et développement préclinique du LAVR-289, un analogue nucléotidique à large spectre contre des virus à ADN”*

**Luigi Agrofoglio** (Institut de Chimie Organique et Analytique, Orléans)

**15h00 – 15h30** *Title TBD*

**Paola Arimondo** (Institut Pasteur, Paris)

**15h30 – 16h00** *Title TBD*

**Radim Nencka** (Institute of Organic Chemistry and Biochemistry of the CAS, Prague)

**16h00 – 16h20** Coffee Break

## 16h20 – 17h50 : Biotech Start-ups

**16h20 – 16h50** *Title TBD*

**Emeline Richard-Millot** (AIS Biotech, VirPath, Lyon, Cermav, Grenoble)

**16h50 – 17h20** *“Novel targeted therapies against Epstein-Barr virus associated diseases”*

**Didier Roche** (Hormae Pharma, Lyon)

**17h20 – 17h50** *“A journey in antiviral research” TBC*

**Arnaud Marchand** (CD3/CISTIM, Leuven, Belgium)

## 17h50 – 18h30 : Closing First Day

**17h50 – 18h10** **Jacques Maddaluno**, CNRS Chimie

**18h10 – 18h30** **Jean-Luc Moullet**, Directeur Général de La Recherche et d’Innovation

**18h30 – 18h50** **Yazdan Yazdanpanah**, Directeur de l’ANRS Maladies Infectieuses Emergentes

**18h50 – 20h30** Dinner

## **Friday 26<sup>th</sup> September**

**09h00 – 09h30 Welcoming coffee and Registration**

**09h30 – 11h00 : Other actors of antiviral research**

**09h30 – 10h00 “Studying lentiviral capsid proteins as therapeutic targets”**

**Christophe Guillon** (Institut de Biologie et Chimie des Protéines, Université de Lyon)

**10h00 – 10h30 “New antiviral approaches targeting the Host chromatin invasion by integrative virus”**

**Vincent Parissi** (Microbiologie Fondamentale et Pathogénicité, Université de Bordeaux)

**10h30 – 11h00 “How can Artificial Intelligence help discover new drugs?”**

**Malika Smail-Tabbone** (Université de Lorraine, LORIA, Nancy)

**11h00 – 11h30 Coffee Break**

**11h30 – 12h00 “Structural and functional studies of the SARS-CoV2 replication complex and its inhibitors”**

**Ashleigh Shannon** (AFMB, CNRS Université Aix Marseille)

**12h00 – 12h30 Title TBD**

**Caroline Carbonnelle** (Evotec ID, Lyon)

**12h30 – 12h45 Closing Remarks**

**Speaker TBD**

## **Scientific and Organisation Committee :**

**CA Viral Targets:** Bruno Canard, Delphine Planas, Suzanne Peyrottes, Karine Alvarez, Sandrine Belouzard, Olivier Terrier, Olivier Sperandio, Allison Ballandras-Colas, Gilles Labesse, François Ferron

**ANRS Emerging Infectious Diseases:** Innovation Department et Fundamental Research Department

**Maison de la Chimie :** Bernard Meunier