



26^e RÉUNION AC42

RÉSEAU NATIONAL HÉPATITES VIRALES

anrs
MALADIES INFECTIEUSES
ÉMERGENTES **Inserm**

LYON, 24-25 MARS 2026

INSTITUT LUMIÈRE, LYON

> 25 Rue du Premier Film

PROGRAMME

2026

MARDI 24 MARS



10H30 - 11H — **ACCUEIL**

11H - 11H10 — **INTRODUCTION**

par ELOI **VERRIER**, Président de l'AC42 de l'ANRS MIE

11H10 - 12H — **CONFÉRENCIÈRE INVITÉE**

DIALING DOWN VIRAEMIA: DIVERSE TREATMENT OUTCOMES IN PEOPLE LIVING WITH HEPATITIS B
PHILIPPA **MATTHEWS**, Francis Crick Institute, *Londres*

12H - 13H20 — **Pause déjeuner**

13H20 - 15H — **SESSION : BIOLOGIE STRUCTURALE**

MODÉRATEURS.TRICES : **THIBAUT TUBIANA & LAURIANE LECOQ**

- > ILIONA **POULY**, *Lyon*, Structural study of the Hepatitis D virus antigen and its interaction with viral RNA.
- > Y. IRÈNE **DOSSOU**, *Gif-sur-Yvette*, The newly identified Replication enhancing Domain (ReED) in non-structural protein 5A of hepatitis C virus: A Cyclophilin A partner, an oligomerization site, a target of anti-NS5A drugs, or all of these?
- > CAROLANNE **VAN BELLEGHEM**, *Lyon*, Identification of the molecular interface between envelope proteins and the capsid in hepatitis B virus.

FLASH TALK: LARA **OYMAKAS**, *Gif-sur-Yvette*, Structure-Function Relationships of Hepatitis B Virus Capsid Assembly Modulators (CAMs).

FLASH TALK: XAVIER **GRAND**, *Lyon*, Development of a Visualization and Exploration Tool for HBV and HDV Pangenomes.

- > STÉPHANE **BRESSANELLI**, *Gif-sur-Yvette*, HEV pORF1 Domain Architecture across Orthohepevirinae: Systematic AlphaFold Modeling and Implications for Zoonotic Transmission.
- > LÉA **MÉZIÈRE**, *Lille*, Functional study of two flexible regions of the hepatitis E virus ORF1 replicase
- > GABRIEL **VANEGAS ARIAS**, *Gif-sur-Yvette*, Experimental and computational study of the protein-membrane interaction of the proposed N-terminal domain MetY of Hepatitis E Virus pORF1

15H00 - 15H50 — **CONFÉRENCIER INVITÉ**

ANIMAL MODELS TO STUDY CHRONIC VIRAL HEPATITIS AND ANTIVIRAL THERAPY: THE PAST, THE PRESENT AND THE FUTURE

PHILIP **MEULEMAN**, UMR Université de Gand, *Belgique*

15H50 - 16H05 — **Pause**

16H05 - 18H — **SESSION : INTERACTION VIRUS-CELLULES ET MODULATION DE LA RÉPLICATION**

MODÉRATEURS.TRICES : **MIRJAM ZEISEL & SÉBASTIEN LHOMME**

- > ENKHTUUL **BATBOLD**, *Lyon*, Interferon-Independent Induction of CCL5 by Hepatitis D Virus Drives Inflammatory Liver Remodeling.
- > ELISE **CHABOT**, *Lyon*, Identification of TRIM21 as a proviral host factor involved in Hepatitis D virus (HDV) intracellular life cycle.
- > ROXANNE **FOUILLE**, *Lyon*, GBP3, a new factor involved in HDV recognition by hepatocytes.
- > GUILLAUME **GIRAUD**, *Lyon*, DDX5 and DDX17 RNA helicases regulate HBV RNA splicing.

FLASH TALK: EMILY **SIBLE**, *Lyon*, Validation of new mTOR regulatory genes identified in a human NK cell CRISPR/Cas9 screen.

FLASH TALK: DENNIS SALOMON **LOPEZ MOLINA**, *Lyon*, A G-quadruplex structure controls the fate of HBV RNAs.

- > PÉLAGIE **HUCHON**, *Lyon*, Ribosomal RNAs 2'-O-methylations: a new level of viral regulation?
- > SABINE **CHAPUY-REGAUD**, *Toulouse*, A role of subgenomic RNA in modulating the propagation of Hepatitis E Virus infection.
- > AMIE **CEESAY**, *Lyon*, Dissecting B cell dysfunction in chronic hepatitis B patients.

18H - 18H30 — REMISE DES PRIX DE THÈSE

Présentation du **PREMIER PRIX** / Présentation du **DEUXIÈME PRIX**

18H30 - 20H15 — Cocktail

8H45 — ACCUEIL

9H - 10H30 — SESSION : MODÈLES ET APPROCHES INNOVANTES

MODÉRATEURS.TRICES : VIRGINIE **DOCEUL** & ANDRES **ROCA-SUAREZ**

- > FAUSTINE **BERNARDIN**, *Lyon*, A novel and unique in vitro hepatocyte model allowing propagation of Hepatitis Delta Virus (HDV) within the culture.
- > ZOÉ **DENIS**, *Montpellier*, A gain-of-function ISG screen uncovers TRIM14-mediated antiviral restriction of Deltaviruses.

FLASH TALK : BERTRAND **BOSON**, *Lyon*, DRIVE: Delta Ribonucleoprotein cytosolic enVironmEnt and trafficking.

- > LÉA **MOUGENÉ**, *Lyon*, From host factors to clinical application: improving cirB-RNA characterization to enhance their use as diagnostic biomarkers.
- > CHARLOTTE **PETIT**, *Grenoble*, Synergistic disruptions of hepatic lipid metabolism by a rat hepacivirus (RHV) and a western diet (WD): insights from a natural infection model.
- > MARIE **PELLERIN**, *Maisons-Alfort*, High replication of Rat Hepatitis E viruses (Rocahepevirus ratti) in human hepatic and enteric cell lines.

10H30 - 10H45 — CLÔTURE RNH / OUVERTURE HBV CURE

10H45 - 12H15 — SESSION CONJOINTE : YOUNG INVESTIGATOR SESSION RNH & HBV CURE

MODÉRATEURS.TRICES : JEAN-MICHEL **PAWLITSKY** & ELOI **VERRIER**

- > COLINE **SEURRE**, *Lyon*, The heparan sulfate mimetic PI-88 inhibits HBV infection at the entry steps.
- > MONA **NIVARD**, *Tours*, Physiological Hypoxia is a Major Inducer of Hepatitis B Virus Envelope Protein Expression and Subviral Particle Secretion.
- > LOUIS **BESSON-POINTEAU**, *Lyon*, A non-infectious HDV secretion model identifies APY2 as a host-targeting inhibitor of HDV egress.
- > ROLA **MATAR**, *Créteil*, In vitro antiviral activity of the cyclophilin inhibitors against Hepatitis Delta Virus infection.
- > EMILY **SIBLE**, *Lyon*, Altered NK Cell Phenotype in Drug-Treated Chronic Hepatitis B Patients.
- > CLAUDIE **EBER**, *Strasbourg*, Differential interferon responses in HDV infection reveal USP18-driven IFN- α resistance and novel ISG candidates.

12H15 - 12H45 — SESSION CONJOINTE RNH & HBV CURE

WHAT ARE THE KNOWLEDGE GAPS TO CURE HBV AND HDV INFECTIONS?

MASSIMO **LEVRERO**, IHU Everest, *Lyon*

12H45 - 13H50 — Pause déjeuner

13H50 - 14H — REMISE PRIX MEILLEURE COMMUNICATION ORALE

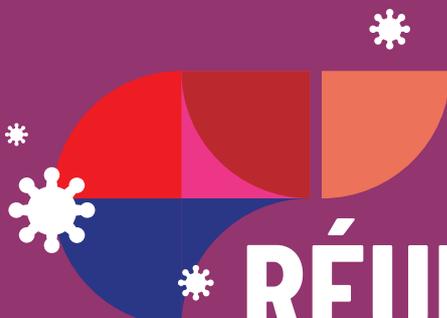
2026

MARS

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RÉSEAU NATIONAL HÉPATITES VIRALES

COMITÉ SCIENTIFIQUE ET D'ORGANISATION

VIRGINIE **DOCEUL**, *Maisons-Alfort*
UMR Virologie, Anses, INRAE, ENVA

SUZANNE **FAURE-DUPUY**, *Paris*
Institut Cochin

VINCENT **THIBAUT**, *Rennes*
CHU Pontchaillou, Irset -
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