



HIV-1 particles being produced by infected cells (Ph Roingeard, INSERM Tours)

New approaches to the understanding of the human pathogenic viruses HCV and HIV in the XXIST century

1-2 JUNE 2011 - ENS LYON France

Site Monod, Salle des Thèses, 46 allée d'Italie, LYON, FRANCE

With the financial support of ENS, FINOVI, PROMEGA

ENS ORGANIZERS:

Prof. Jean-Luc DARLIX, Dr. François-Loïc COSSET

AIMS OF THE SYMPOSIUM

State of art understanding and imaging at the molecular, cellular and physiological levels, of the replication of the widespread human pathogenic viruses HCV, human hepatitis C virus, and HIV-1, the causative agent of AIDS. Issues concerning the use of multiple anti-HCV and anti-HIV therapies, as well as the discovery of new anti-viral drugs, will be presented and discussed.

Inscription and fees: jldarlix@ens-lyon.fr; 100 €

JUNE 1ST.

OPENING AT 8 :30 AM

PROF. JACQUES SAMARUT (ENS LYON-MONOD) (9 :00 – 9 :30 am)

WELCOME ADDRESS AND FOREWORDS ON BIOLOGICAL SCIENCES AT ENS LYON

INTRODUCTION ON HCV AND HIV (9:30 – 10 :00 am)

PROF. JEAN-FRANÇOIS DELFRAISSY (ANRS & INSERM France),

THE MANAGEMENT AND FUTURE OF BIOMEDICAL RESEARCH IN FRANCE

INAUGURAL CONFERENCE (10:00 – 10 :45 am)

DR. KUAN-TEH JEANG (NIH, USA), **EDITOR IN CHIEF OF RETROVIROLOGY,**

2010 AWARD WINNER OF BIOMED CENTRAL

HOW NEW FINDINGS AND NOVEL ISSUES ON RETROVIRUSES CAN BE DISSEMINATED
VIA THE WEB

COFFEE BREAK 10 :45 – 11 :15 AM

HCV SESSION

CHAIRMAN : PROF. PATRICE ANDRÉ (INSERM, Lyon)

PROF. DARIUS MORADPOUR (CHUV LAUSANNE, CH) (11:15 - 12:00 am)

HCV PATHOGENESIS

PROF. PHILIPPE ROINGEARD (INSERM TOURS) (12:00 - 12 :30 am).

MOLECULAR MECHANISM OF HCV-INDUCED STEATOSIS

LUNCH BREAK (12:30-14:00 am)

DR. FRANÇOIS-LOÏC COSSET (ENS-INSERM, LYON) (14:00 - 14:30)

HCV ESCAPE FROM NEUTRALIZING ANTIBODY RESPONSES

DR. MARLÈNE DREUX (USA) (14 :30 – 15 :00)

AUTOPHAGY AND VIRULENCE OF HEPATITIS C VIRUS

DR. FRANCOIS PENIN (IBCP CNRS, LYON) (15 :00 – 15 :30)

WHAT DO STRUCTURAL ANALYSES TELL US ON THE HEPATITIS C VIRUS ?

COFFEE BREAK 15 :30 – 16 :00

Dr. GENEVIÈVE INCHAUSPÉ (TRANSGENE SA, LYON, France) (16 :00 – 16 :30)

THERAPY AGAINST CHRONIC HCV INFECTION: WHERE WE STAND AND WHAT TO EXPECT

PROF. MARCELO LOPEZ LASTRA (FACULTY OF MEDICINE, UNIVERSIDAD CATOLICA, SANTIAGO CHILE) (16 :30 – 17 :00)

INVESTIGATING THE TRANSLATION OF PRIMARY HCV ISOLATES

DR. JEAN DUBUISSON (INSTITUT PASTEUR, LILLE, FRANCE) (17 :00 -17 :30)

HCV ENTRY AND ASSEMBLY

EVENING TOUR IN LYON AND DINNER

HIV/AIDS SESSION. JUNE 2ND

CHAIRMAN : DR. ANDREA CIMARELLI

DR. KUAN-TEH JEANG (NIH, USA) (9:00-9:30)

HIV-1 AND THE TRANS-ACTING FACTOR TAT

PROF. YVES LEVY (HÔPITAL HENRI MONDOR, INSERM, CRÉTEIL) (9:30-10 :00)

HIV INFECTION AND THE IMMUNE RESPONSE

PROF. JEAN-LUC DARLIX (INSERM, ENS LYON) (10:00-10:30 am)

OPENING REMARKS ON HIV AND RETROVIRUSES, NC AS THE VIRUS CONDUCTOR

COFFEE BREAK 10 :30 – 11 :00 AM

DR. MIKE SUMMERS (UMBC, USA) (11:00 – 11:30)

NMR STUDIES OF THE HIV-1 5'-UTR RNA AND NEW INSIGHTS INTO THE MECHANISM OF GENOME PACKAGING.

DR. DELPHINE MURIAUX (CNRS, LYON) (11:30 – 12 :00)

RETROVIRUS ASSEMBLY

DR. ERIC COHEN (IRCM, MONTREAL, QUEBEC, CANADA) (12 :00- 12 :30)

HIV RESTRICTION FACTORS

LUNCH BREAK (12 :30 – 14:00)

PROF. YVES MÉLY (PHARMACY, STRASBOURG) (14:00 – 14 :30)

MECHANISM AND SPECIFICITY OF THE NUCLEIC ACID CHAPERONE PROPERTIES OF THE HIV-1 NUCLEOCAPSID PROTEIN

PROF. BEN BERKHOUT (AMC, AMSTERDAM, NEDERLAND) (14:30 – 15 :00)

TOWARDS A DURABLE GENE THERAPY FOR HIV-AIDS BASED ON ANTIVIRAL RNA INTERFERENCE

PROF. MARK WAINBERG (MC GILL, MONTREAL CANADA) (15:00 – 15 :30)

MOLECULAR BASIS OF SUBTYPE DIFFERENCES IN THE DEVELOPMENT OF HIV DRUG RESISTANCE, DOES IT MATTER FOR PATIENTS

DR. GAEL CRISTOFARI (INSERM, NICE) (15:30 – 16:00)

HIV, RETROVIRUSES AND BEYOND : JUMPING GENES IN HUMAN

HCV (JFH1) infected hepatocytes with lipid droplets and a membranous web (Ph Roingeard, Tours)

