

Modeling Viral Hepatitis Dynamics: from bench to bedside – part I of II

Date & Time: Sunday June 15 - 12:30 to 14:00

Speaker Name	Schedule	Title*
Jeremie & Harel	12:30 – 12:40	Welcome + Introduction
Jeremie Guedj	12:40 – 13:05	Effect of various doses of alisporivir alone or in combination with Peg-IFN on the early viral kinetics: a modeling approach
Eva Herrmann	13:05 – 13:35	Modelling ribavirin mode of action in a specifically designed clinical trial in patients with hepatitis C
Dimitra Bon	13:35 – 14:00	Modelling HCV viral kinetics of new interferon-free treatment combinations

*Abstracts are shown below.

Modeling Viral Hepatitis Dynamics: from bench to bedside – part II of II

Date & Time: Sunday June 15 - 16:00 to 19:00

Speaker Name	Schedule	Title*
Harel Dahari	16:00 – 16:25	Modeling HCV kinetics in vivo and in vitro indicates that the liver plays a role in HCV clearance
Frederik Graw	16:25 – 16:50	Spatial spread of HCV in vivo and in vitro - analyzing single cell dynamics
Wojciech Krzyzanski	16:50 – 17:15	A mRNA Structured Population Model of Hepatitis C Virus Dynamics
Shingo Iwami	17:15 - 17:40	Mechanism-based analysis of drug combination effects on HCV replication in Huh-7
Lars Kaderali	17:40 – 18:05	Modeling HCV replication and immune response
Stanca Ciupe	18:05 – 18:30	Mathematical models of immune responses to hepatitis B virus infection
Avidan Neumann	18:30 – 18:55	Evolutionary dynamics approach to HCV resistance and evolution
Harel & Jeremie	18:55 – 19:00	Closing notes & Farewell

*Abstracts are shown below.