



## FOURTH VIRGIL SYMPOSIUM

# MANAGEMENT OF ANTIVIRAL DRUG RESISTANCE

Espace Tête d'Or  
Lyon, France

May 27<sup>th</sup>, 2008



## PROGRAMME

Please register at <http://virgilmeetings.org/>

Venue: CENTRE DE CONGRES ESPACE TETE D'OR  
103, boulevard Stalingrad  
69100 Lyon, Villeurbanne, France



**Morning session : 8.30 AM to 1.00 PM**

**8.30 – 9.00**    **Arrival and coffee**

**9.00**    **Welcome and Introduction**

*Professor Fabien Zoulim*

**9.15 – 10.45: New drugs and novel targets for the management of drug resistance**

*Chairs : Carlo Ferrari and Massimo Levrero*

- 9.15 – 9.40: new drugs to combat antiviral resistance  
*Johan Neyts*
- 9.40 – 10.05: modulation of the host cell response to infection  
*Stephan Ludwig*
- 10.05 – 10.30: immunotherapeutic approaches for infectious diseases  
*Helmut Diepolder*

**10.30 – 11.00**

**Keynote lecture : Bruno Lina**

Evolution of influenza virus drug resistance since 2003  
Impact on clinical management of influenza infections.

**11.00 – 11.30**    **Coffee break**

**11.30 – 12.45: Understanding the mechanism of influenza drug resistance**

*Chairs : John Oxford, Jean-Marie Cohen*

- 11.30 – 11.55: relationship between genotypic, phenotypic and clinical resistance in influenza  
*Maria Zambon*
- 11.55 – 12.20: drug design for the treatment of influenza virus infection  
*Alan Hay*

**12.20 – 12.50**

**Keynote lecture : Alan Hance**

HIV genetic diversity and its implication for drug resistance

**12.50 – 2.15**    **Lunch break**

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**Afternoon session : 2.15 to 6.00 PM**

**2.15 – 2.45**

**Keynote lecture : Hans Will**

Critical Hepatitis B Virus Host Cell Interactions  
and their Potential as Novel Antiviral Targets

**2.45 – 4.00: Hepatitis B resistance to antivirals**

*Chairs : Heiner Wedemeyer, Christian Trépo*

- 2.45 – 3.10: animal models for the study of new anti-HBV drugs  
*Joerg Petersen*
- 3.10 – 3.35: impact of cross-resistance testing in the management of chronic hepatitis B  
*Fabien Zoulim*
- 3.35 – 4.00: current approaches for the treatment of chronic hepatitis B  
*Alfredo Alberti*

**4.00 – 4.30**

**Coffee break**

**4.30 – 6.00: Hepatitis C resistance to antivirals : mechanism and management**

*Chairs : Solko Schalm, Thomas Baumert*

- 4.30 – 4.55: the HCV life cycle : new insights for the development of antivirals  
*Ralf Bartenschlager*
- 4.55 – 5.20: new targets and new drugs for the treatment of chronic hepatitis C  
*Jean-Michel Pawlotsky*

**5.20 – 5.50**

**Keynote lecture : Michael Manns**

Antiviral drug resistance in chronic viral hepatitis:  
From past to future!

**5.50 – 6.00**

**Conclusion**








*Professor Fabien Zoulim*

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