

Early Steps of the Virus Life Cycle: Molecular and Cellular Insights

S C I E N T I F I C P R O G R A M

Thursday October 4th, 200

8.00-8.50 am: Registration and breakfast

8.50-9.00 am: Presentation of the meeting

Session 1 - Virus entry and membrane fusion

9.00am-12.30

9.00: **Félix Rey** (Institut Pasteur, France)
Viral membrane fusion proteins: how many different structural classes?

9.30: **Franz Heinz** (Medical University of Vienna, Austria)
Molecular mechanisms of flavivirus membrane fusion

10.00-10.30am: Coffee Break

10.30: **Ali Amara** (Institut Pasteur, Paris, France)
Flavivirus entry into target cells

11.00 : **Jean-Luc Battini** (IGM, Montpellier, France)
The ubiquitous glucose transporter GLUT-1 is a receptor for HTLV

11.30: **Olivier Schwartz** (Institut Pasteur, Paris, France)
HIV, virological and immunological synapses

12.00: Two selected talks

12.30-2.00pm: Lunch and Poster session

Session 2 - Signaling and replication

2.00-7.00 pm

2.00: **Michael Way** (London Research Institute, London, United Kingdom)
The role of Rho signalling in the cell cortex during release of vaccinia virus from infected cells

2.30: **Carolyn Coyne** (University of Pittsburg, Philadelphia, United States)
Poliovirus Entry into Human Brain Microvascular Cells Requires the Tyrosine Phosphatase SHP-2

3.00: **Ralf Bartenschlager** (Department of Molecular Virology, Heidelberg, Germany)
New insights into hepatitis C virus replication and assembly

3.30-4.00pm: Coffee Break

4.00: Three selected talks

5.00: Poster session

7.00: Social program and gala dinner

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Friday October 5th, 2007

Session 3 - Endocytosis and trafficking

9.00am-12.30

9.00: **Pascale Cossart** (Institut Pasteur, Paris, France)
Bacterial entry into cells: a role for clathrin-mediated endocytosis

9.30: **Ari Helenius** (ETH, Zurich, Switzerland)
Viral entry strategies

10.00-10.30am: Coffee Break

10.30: **Ali Saïb** (Saint-Louis Hospital, Paris, France)
Retroviruses intracellular trafficking and uncoating

11.00: **Mark Marsh** (MRC, London, United Kingdom)
Endocytic regulation of HIV receptor expression

11.30: Three selected talks

12.30-2.00pm: Lunch and Poster session

Session 4 - Restriction factors and nuclear import

2.00-3.30 pm

2.00: **Jonathan Stoye** (MRC, London, United Kingdom)
Studies of restriction factor - retrovirus interactions

2.30: **Urs Greber** (University of Zurich, Zurich, Switzerland)
Kinesin couples cytoplasmic transport and nuclear import of human adenovirus

3.00: **Pierre Charneau** (Institut Pasteur, Paris, France)
Mechanisms of HIV-1 nuclear import

3.30-4.00pm: Coffee Break

Session 5 - Functional genomics and virus infection

4.00-6.00 pm

4.00: **Jurgen Haas** (Max-von-Pettenkofer Institut, Munich, Germany)
Systems Virology

4.30: **Lucas Pelkmans** (IMBS, Zutich, Switzerland)
Towards systems approaches to study virus entry in human cells

5.00: Two selected talks

5.30: Conclusions