

Saturday, September 25

16:00 **Registration**

17.00 - 17.15 **Welcome and Introduction**

Endocytosis: **Chair Jacomine Krijnse-Locker**

17.15 - 18.00 Alice Dautry-Varsat: *Entry in animal cells : some clathrin independent pathways*

18.00 - 18.45 Ari Helenius: *New pathways of virus entry into animal cells*

Dinner at Operon foyer: buffet

Poster session I with drinks

Sunday, September 26:

Virus Entry: **Chair Ari Helenius**

9.00 - 9.40 Urs Greber: *Adenovirus entry*

9.40 - 10.10 Gabriella Campadelli-Fiume: *Light and shade in herpes simplex virus entry*

Coffee break

3D Tomography and structure: Chair Bram Koster

10.30 – 11.15 Bram Koster: *Introduction to tomography*

11.15 - 11.55 Marek Cyrklaff: *Cryo-electron tomography of Vaccinia Virus*

11.55-12.25 Kay Gruenewald: *Asymmetric virus structure in 3D: electron cryotomography of herpes simplex virus 1*

12.25-12.55 Chloe Zubieta: *Structural studies of adenovirus 2 penton base*

Lunch at Operon foyer: buffet

Poster session I

Viral Switches and signals: Chair Beate Sodeik

- 16.00 – 16.40 Stephan Ludwig: *Cellular stress by viral infection*
16.40 – 17.20 Maria Masucci: *Modulation of proteolysis by oncogenic viruses*

coffee break

- 17.40-18.20 Michael Way: *to be announced*
18.20-18.50 Dagmar Knebel-Moersdorf: *Rac1/CDC42 signalling interferes with HSV-1 entry into epithelial cells*

Dinner in the Canteen

- 20.00 Jens Rietdorf and Timo Zimmerman: introduction to the advanced light microscopy facility and its microscopes

Monday, September 27

Viral intracellular trafficking - Stop and go: Chair Jacomine Krijnse-Locker

- 9.00 - 9.45 Vic Small: *Probing mechanisms of motility and guidance in living cells*
9.45 - 10.25 Beate Sodeik: *In vivo and in vitro capsid transport of Herpes Simplex Virus along microtubules*

Coffee Break

- 10.50 - 11.20 Christian Sinzger: *Cell tropism of HCMV depends on the efficiency of dynein-mediated transport of penetrated particles*
11.20 - 11.50 Birgit Schramm: *Microtubule dependent dynamics of early and late ER-enclosed vaccinia virus DNA-replication sites*

11.50 - 12.20 Nolwenn Jouvenet: *Anterograde transport of African Swine
Fever Virus*

Lunch at Operon Foyer: buffet

Poster session II

Cell tropism and viral spread in differentiated cells:

Chair Gabriella Campadelli-Fiume

16.00 – 16.40 Ulrich Koszinowski: *The enigma of CMV cell tropism*

16.40 – 17.10 Melvyn Yap: *Restriction of HIV-1 and N-MLV by trim5a*

Coffee break

17.30– 18.00 Lisa Chakrabarti: *CXCR4-tropic HIV-1 envelope glycoprotein
functions as a viral chemokine in primary CD4+ T lymphocytes*

18.00-18.30 Clare Jolly: *HIV-1 induces a virological synapse in CD4+ T
cells*

Dinner in the canteen

Boat trip on the Neckar

Tuesday, September 28

Viruses and the biosynthetic pathway: Chair Jason Mackenzie

9.00 - 9.40 Ineke Braakman: *A bottleneck in folding of influenza virus HA*

9.40 – 10.20 Marc Froeschke: *The long-lived signal peptide of LCMV
glycoprotein (SPGP-C) as functional polypeptide*

Coffee break

10.40 – 11.20 Karla Kirkegaard: *Rearrangement and derangement of intracellular membranes during poliovirus infection*

11.20-11.50 Jason Mackenzie: *Cholesterol modulation and flavivirus replication*

Virus assembly on endosomes: Chair Maarit Suomalainen

11.50-12.30 Mark Marsh: *Intracellular assembly of HIV in Macrophages*

12.30-13.00 Alberto Fraile-Ramos: *HCMV UL33 and US27 proteins are located in endocytic compartments and viral membranes*

Lunch at Operon foyer: buffet

14.30-15.10 Wes Sundquist: *The Biochemistry of HIV-1 Release*

15.10 – 15.40 Sonja Welsch: *A quantitative study of the subcellular localization of ESCRT complex subunits by immunoelectron microscopy*

15.40-16.10 Larissa Kolesnikova: *Multivesicular bodies as a platform for the formation of Marburgvirus envelope*

16.10 - 16.40 Carsten Lambert: *Hepatitis B virus maturation involves endosomal compartments and the host protein gamma-2-adaptin*

Coffee Break

Chair: Mark Marsh

17.00 – 17.40 Hans-Georg Krausslich: *Fluorescent HIV-1 particles for the study of viral assembly and entry*

- 17.40 – 18.10 Eric Freed: *Role of lipid rafts and phosphoinositides in HIV-1 assembly and release*
- 18.10 - 18.50 Maarit Suomalainen: *Intracellular targeting of HIV-1 Gag*
- 18.50 - 19.20 Nathalie Sol-Foulon: *Role of HIV-1 Nef during viral replication*

Dinner in the canteen

Wednesday, September 29

Viral affairs in the nucleus: Chair Michael Kann

- 9.00 – 9.45 Eliza Izauralde: *The interplay of post-transcriptional mechanisms that regulate gene expression*
- 9.45 – 10.25 Roger Everett : *Interactions between herpes simplex virus type 1 and PML nuclear bodies*
- 10.25 – 10.55 Muneer Ahmad: *RNA export pathways and the fate of HIV-1 gag trafficking*
- Coffee break
- 11.15-11.55 Michael Kann: *What Hepatitis B Viruses tell us about Nuclear Import*
- 11.55-12.25 Maija Vihinen-Ranta: *Real time imaging of parvovirus mRNA expression in the nucleus of living cells*
- 12.25-12.55 Ana Eulalio: *Different nucleo-cytoplasmic transport activities exhibited by two African Swine Fever virus proteins*

Lunch in the canteen