

PROGRAM

SATURDAY October 4th	
2:00-5:00pm	Registration – Villa Lanna
5:00-6:00pm	Dinner lecture PI 3-KINASE, ONCOPROTEIN AND CANCER TARGET Peter Vogt
6:30-8:00pm	Welcome dinner
SUNDAY October 5th	
9:30-12:30	Assembly and structure - 20min. talks + 10min. discussion <i>Chair: Raymond F. Schinazi, Rebecca Craven</i> TWO MOLECULAR SWITCHES REQUIRED FOR IMMATURE ASSEMBLY IN ROUS SARCOMA VIRUS. Volker M. Vogt 15
	COMPARISON OF MLV GAG TO HIV-1 GAG Alan Rein 16
	ELECTRON CRYOTOMOGRAPHY OF HIV-1 Elizabeth R. Wright 17
	A REVISED MODEL FOR HIV-1 MORPHOGENESIS Hans-Georg Kräusslich 18
	Short talks – 10min. talks + 5min. discussion A NOVEL MODEL FOR ASSEMBLY OF RETROVIRAL CORES Ila Singh 62
	STRUCTURE AND ARRANGEMENT OF GAG IN IMMATURE RETROVIRUSES John Briggs 55
	<i>IN VITRO</i> STUDIES OF RETROVIRAL CAPSID NUCLEATION Rebecca Craven 56
	GENERAL DISCUSSION
12:30-2:00pm	Lunch

SUNDAY October 5th cont.**2:00-5:30pm****Targeting - 20min. talks + 10min. discussion***Chair: Axel Rethwilm, Volker Vogt*

THE INTERPLAY BETWEEN ENDOGENOUS AND EXOGENOUS RETROVIRUSES IN THE DOMESTIC SHEEP.

Massimo Palmarini

21

CELLULAR MACHINERY IN HIV-1 GAG TRAFFICKING AND VIRUS ASSEMBLY

Eric O. Freed

22

HIV GAG PROTEIN TRAFFICKING IN LIVING CELLS

Paul Spearman

23

INTERACTIONS OF MASON-PFIZER MONKEY VIRUS MATRIX PROTEIN THAT CONTROL POLYPROTEIN TARGETING AND PARTICLE BUDDING

Tomas Ruml

24

CONSTRUCTION OF A MASON-PFIZER MONKEY VIRUS GAG-GFP FUSION: VISUALIZATION OF VIRAL CAPSID ASSEMBLY AND TRANSPORT IN LIVE CELLS

Eric Hunter

25

Short talk – 10min. talk + 5min. discussion

THE HIV ASSEMBLY COMPARTMENT IN HUMAN MACROPHAGES

Annegret Pelchen-Matthews

72

GENERAL DISCUSSION**6:30-7:30pm****Dinner****8:00pm****Concert**

MONDAY October 6th**9:30–12:30****Packaging - 20min. talks + 10min. discussion***Chair: Hans-Georg Kräusslich, Iva Pichová*

FOAMY VIRUS ASSEMBLY AND POL PACKAGING

Maxine Linial

29

PACKAGING THE RNA GENOME OF INFLUENZA A VIRUS

Tristram G. Parslow

30

RNA PACKAGING IN LENTIVIRUSES

Andrew Lever

31

Short talks – 10min. talks + 5min. discussionHIV-2 GENOME DIMERISATION AND VIRAL
INFECTIVITY: A CRITICAL ROLE FOR THE
PACKAGING SIGNAL AND STEM-LOOP 1

Anne L'Hernault

78

STRUCTURAL AND FUNCTIONAL STUDIES OF THE
MOLONEY MURINE LEUKEMIA VIRUS
READTHROUGH SIGNAL

Victoria D'Souza

77

GENERAL DISCUSSION**12:30-2:00pm**

Lunch

2:00pm-6:00pm**Excursion - Prague****6:30–8:00pm**

Dinner

TUESDAY October 7th**9:30-12:30****Env interactions and budding****- 20min. talks + 10min. discussion****Chair: Eric Hunter, Maxine Linial**DIVERSE MECHANISMS FOR RECRUITING ENV TO
VIRAL ASSEMBLY SITES.

Marc C Johnson

35

CRYOELECTRON TOMOGRAPHY OF HIV AND SIV
ENVELOPE SPIKES AND ASSOCIATED LIGANDS

Kenneth H. Roux

36

RESCUE OF HIV BUDDING BY ALIX AND NEDD4-2S

Heinrich Göttlinger

37

Short talks – 10min. talks + 5min. discussionDETERMINANTS FOR LOCALIZATION OF HIV-1 GAG
AT THE PLASMA MEMBRANE

Akira Ono

70

THE N-TERMINAL COILED-COIL DOMAIN OF
PROTOTYPE FOAMY VIRUS GAG IS ESSENTIAL FOR
VIRAL PARTICLE EGRESS AND GLYCOPROTEIN
INTERACTION

Dirk Lindemann

83

GENERAL DISCUSSION**12:30-2:00pm****Lunch****4:00-6:30pm****Poster session****7:00-9:00pm****Farewell dinner**

WEDNESDAY October 8th.**9:00-12:00****Virus interactions with host defense mechanisms****- 20min. talks + 10min. discussion*****Chair: Heinrich Gottlinger, Massimo Palmarini***CELL-TO-CELL TRANSMISSION OF HIV-1: THE ROLE(S)
OF TETRASPANINS

Markus Thali 41

HIV-1 VIF AND VPU TARGET INTRINSIC AND INNATE
ANTIRETROVIRAL HOST DEFENSE MECHANISMS

Klaus Strebel 42

VIRION-ASSOCIATED SIMMAC VPX PROTECTS HIV-1
FROM THE TYPE I INTERFERON RESPONSE

Jeremy Luban 43

Short talks – 10min. talks + 5min. discussionAPOBEC3G VIRION INCORPORATION:
INTRACELLULAR INTERACTIONS BETWEEN
APOBEC3G, RNA, AND HIV-1 GAG

Vinay Pathak 89

ROLE OF VPU IN HIV-1 PARTICLE RELEASE

Alexei Karetnikov 87

IDENTIFICATION OF POST-ENTRY RESTRICTIONS TO
MASON-PFIZER MONKEY VIRUS INFECTION IN NEW
WORLD MONKEY CELLS

Eric Hunter 88

GENERAL DISCUSSION**2:00pm****Departure to satellite meeting – Mělník/Liblice****7:00pm****Dinner – Chateau Liblice**

THURSDAY October 9th

Satellite meeting

9:00-12:00

Assembly as a Therapeutic Target

- 20min. talks + 10min. discussion

Chair: Elizabeth Wright, Tomas Ruml

STRUCTURAL BASIS FOR MEMBRANE TARGETING BY
HIV-1 GAG

Michael F. Summers

47

BIOPHYSICAL STUDIES OF HIV ASSEMBLY AND
MATURATION

Peter Prevelige

48

MAPPING OF THE BINDING SITE FOR THE
MATURATION INHIBITOR BEVIRIMAT WITHIN HIV-1
GAG PARTICLES

Michael Sakalian

49

GENERAL DISCUSSION

12:30-2:00pm

Lunch

3:00pm

Departure to Prague – expected arrival to Prague ~ 5:00 pm