

4TH TWINCORE-SYMPOSIUM
27.-28. SEPTEMBER 2012

"Innovative animal models in infection research and immunology"

TWINCORE
Centre for Experimental and
Clinical Infection Research
Feodor-Lynen-Str. 7
30625 Hannover

www.twincore.de

27.9.2012

9.00 - 13.00 h

8.00-8.55

Accreditation

8.55-9.00

Ulrich Kalinke

Welcome address

TOPIC: Herpes Viruses

Chair: Maria Masucci

9.00-9.40

Maria Masucci

Remodelling of cellular functions during viral infection

9.40-10.20

Klaus Rajewsky

Modelling Epstein-Barr-Virus immune surveillance and pathologies in mice

10.20-11.00

Stipan Jonjic

Highly attenuated Herpes virus vector expressing NKG2D ligand RAE-1g provides long-lived memory CD8⁺ T cells with outstanding protective capacity

11.00-11.20

Coffee Break

TOPIC: Hepatitis Viruses

Chair: Thomas Pietschmann

11.20-11.40

Thomas Pietschmann

Pathways and barriers of Hepatitis C virus replication

11.40-12.00

Andrea Kröger

IFN-dependent and IFN-independent factors are involved in restriction of Hepatitis C virus replication in mouse cells

12.00-12.40

Alexander Ploss

Analysis of human hepatotropic infections in humanized mice

12.40-13.00

Dagmar Wirth

Pathogen-free, transgenic mouse models to investigate the immune response towards liver specific viral antigen expression

	13.00-14.30	Lunch
14.30 - 17.40 h		TOPIC: Vaccination Chair: Tim Sparwasser
	14.30-15.10	Michel Nussenzweig Human antibodies against HIV
	15.10-15.30	Ulrich Kalinke Interferons as natural adjuvants
	15.30-16.00	Coffee Break
		TOPIC: Tolerance Chair: Harald von Boehmer
	16.00-16.40	Harald von Boehmer Tolerogenic vaccination to prevent type 1 diabetes
	16.40-17.00	Tim Sparwasser Novel targets for immune modulation
	17.00-17.40	Hansjörg Schild Mechanisms controlling the stimulatory capacity of dendritic cells in steady-state conditions
	18.00	Summer Party

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9.00 - 11.30 h		TOPIC: Humanized Mice Chair: Michael Ott
	9.00-9.40	Richard Flavell Humanized mice
	9.40-10.00	Michael Ott More on humanized mice
	10.00-10.30	Coffee Break
		TOPIC: Host Defense Chair: Klaus Pfeffer
	10.30-11.10	Klaus Pfeffer TNF and IFN in host defense
	11.10-11.30	Susanne Häußler Strategies of <i>Pseudomonas aeruginosa</i> to establish infections in the host
	11.30	Lunch