

- 11.40 **Evaluation of the zoonotic potential of H18N11 virus variant tested in the ferret model**
Marco Gorka, Greifswald – Isle of Riems, Germany
- 12.00 **TMPRSS2 is the major HA-activating protease for IAV, but not for IBV in the human respiratory tract**
Hannah Limburg, Marburg, Germany
- 12.20 **The balance between intrinsic cellular innate, host innate and host adaptive immune responses matters for the outcome of influenza virus respiratory infection**
Viktor Wixler, Muenster, Germany

- 12.40 - 13.40 Lunch
- 13.40 - 14.40 Poster viewing

14.40 - 16.10 Session 7: VIRUS HOST CELL INTERACTION

Chair: Klaus Schughart, Braunschweig, Germany

Keynote Lecture:

- 14.40 **The interplay between influenza polymerase and the host**
Wendy Barclay, London, United Kingdom
- 15.10 **Species comparisons identify avian ANP32A splice variants that differentially impact influenza A virus polymerase host restriction**
Benjamin G. Hale, Zurich, Switzerland
- 15.30 **LC3 punctae in IAV-infected cells do not represent double membrane autophagosomes but endosomes**
Rachel Ulferts, Cambridge, United Kingdom
- 15.50 **Decay accelerating factor as a virulence determinant in influenza A virus infection**
Maria Joao Amorim, Lisbon, Portugal

16.10 DISCUSSION AND CLOSING REMARKS

Research on influenza viruses has never been a more important topic than it is today. We are proud to invite you to attend the 6th International Influenza Meeting which will be held from September 02–04 in Münster, Germany. The meeting offers the chance to discuss recent issues and new developments concerning basic research on influenza viruses, stimulate cooperation and create vast opportunities for networking and scientific exchange. We provide a challenging scientific program with plenary lectures and keynotes by invited speakers and selected oral and poster presentations.

Welcome to Münster, the city of Westphalian Peace!

**Financial support and sponsoring
of the 6th International Influenza Meeting**



Venue and Date

University of Münster
Schlossplatz 2 | 48149 Münster, Germany
September 02–04, 2018

Scientific committee

Stephan Ludwig, Münster
Klaus Schughart, Braunschweig
Peter Stäheli, Freiburg

Organizer

FluResearchNet and German Research Platform for Zoonoses
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Von-Esmarch-Str. 56 | 48149 Münster, Germany

Conference language

The official conference language is English.

Contact

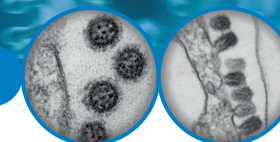
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6th International Influenza Meeting September 02–04

Highlight Topic:

Visualizing Flu



Program Overview

Sunday, September 02			Tuesday, September 04		
15.00	Registration				
18.00 - 22.00	OPENING	11.00 - 12.40	Session 2: INNATE IMMUNITY	09.00 - 10.50	Session 5: VACCINES AND ANTIVIRALS
18.00	Welcome note by the organizers		Chair: Martin Schwemmle, Freiburg, Germany		Chair: Oliver Planz, Tübingen, Germany
18.15	Opening lecture: "Packaging of segmented genome in influenza virus"	11.00	Keynote Lecture: IFN-λ enhances influenza immunity by stimulating TSLP release during intranasal immunization	09.00	Keynote Lecture: Cytotoxic T lymphocytes to influenza virus: Cat and mouse
	Takeshi Noda, Kyoto, Japan		Ye Liang, Freiburg, Germany		Guus Rimmelzwaan , Hanover, Germany
19.00	Poster viewing & Reception at the meeting site (food and drinks)	11.20	Oncolytic influenza virus infection restores immunocompetence of lung tumor-associated alveolar macrophages	09.30	Bispecific Fc gamma receptor engaging molecules directed against the conserved viral M2 ectodomain protect against influenza A virus infections
			Dörthe Masemann, Muenster, Germany		Dorien De Vlieger, Ghent, Belgium
		11.40	Phosphorylation of TRIM28 enhances the expression of IFN-β and proinflammatory cytokines during HPAIV infection of human lung epithelial cells	09.50	The stalk domain of influenza pH1 HA tolerates substitutions that may confer decreased susceptibility to broadly neutralizing antibodies
09.00 - 10.30	Session 1: VISUALIZING FLU		Tim Krischuns, Muenster, Germany		Alfred Ho, London, United Kingdom
	Chair: Stephan Ludwig, Muenster, Germany	12.00	An Infection-Triggered SUMO Switch Controls Induction of an Antiviral Program by TRIM28	10.10	Viral activation of the Raf/MEK/ERK kinase cascade promotes nuclear export of viral ribonucleoproteins (RNPs) by regulating matrix protein binding to the RNPs
09.00	Keynote Lecture: Enveloped viruses revealed by cryo-electron tomography		Nora Schmidt, Zürich, Switzerland		André Schreiber, Muenster, Germany
	John Briggs, Cambridge, United Kingdom	12.20	Interleukin-1β paves the way for protective lung-resident memory T cells: implications for a universal flu vaccine?	10.30	Prodrugs of the Phosphoribosylated Forms of Hydroxypyrazinecarboxamide Pseudobase T-705 and its De-Fluoro-Analogue T-1105 as Potent Influenza Virus Inhibitors
09.30	Visualizing influenza and parainfluenza virus infection non-invasively in living mice with non-attenuated reporter viruses		Dennis Lapuente, Bochum, Germany		Evelien Vanderlinden, Leuven, Belgium
	Charles Russel, Memphis, USA	12.40 - 13.40	Lunch		
09.50	The Structure of the Influenza A Virus Genome	13.40 - 14.30	Poster viewing		
	David L.V. Bauer Oxford, United Kingdom	14.30 - 16.00	Session 3: EVOLUTION AND EMERGING VIRUSES		
10.10	Molecular Anatomy of an Influenza Virion		Chair: Stephan Pleschka, Gießen, Germany	11.20 - 12.40	Session 6: PATHOGENESIS
	Edward Hutchinson, Glasgow, United Kingdom		Keynote Lecture: Influenza-like viruses from bats		Chair: Peter Stäheli, Freiburg, Germany
10.30	Coffee break	14.30	Martin Schwemmle, Freiburg, Germany		Keynote Lecture: The 2nd sialic acid-binding site of influenza A virus neuraminidase contributes to the hemagglutinin-neuraminidase-receptor balance
		15.00	Eurasian avian-like swine influenza viruses harbor increased pandemic potential due to MxA escape mutations in their nucleoprotein	11.20	Wenjuan Du,Utrecht, The Netherlands
			Philipp P. Petric, Freiburg, Germany		
		15.20	Risk assessment of fifth-wave H7N9 influenza A viruses in mammalian models		
			Xiangjie Sun, Atlanta, USA		
		15.40	Evolution of influenza A virus nucleoprotein is influenced by the E3 ubiquitin ligase activity of the interferon-inducible Tripartite Motif (TRIM)22 protein		
			Elisa Vicenzi, Milan, Italy		
		16.00	Coffee break		
		16.40 - 18.00	Session 4: VIRAL REPLICATION		
			Chair: Thorsten Wolff, Berlin, Germany		
			Keynote Lecture: Phosphorylation of tyrosine 132 of influenza A virus matrix protein 1 is essential for efficient viral genome packaging and particle assembly		
		16.40	Angeles Mecate-Zambrano, Münster, Germany		
		17.00	Kinetic analysis of the influenza A virus HA/NA balance reveals contribution of NA to v51irus-receptor binding and NA-dependent rolling on receptor-containing surfaces		
			Hongbo Guo, Utrecht, The Netherlands		
		17.20	Mutational analysis of the M2 ion channel proteins of avian and bat influenza A viruses		
			Gert Zimmer, Bern, Switzerland		
		17.40	Fusion peptides mediate influenza viral fusion via two sequential mechanisms		
			Peter Kasson, Charlottesville, USA		
		19.00	Conference dinner at the Schloßgarten-Restaurant		