

# 4<sup>th</sup> European Meeting on Viral Zoonoses

2<sup>nd</sup> – 5<sup>th</sup> June 2007  
St. Andrews, Scotland

Saturday, 2<sup>nd</sup> June

14.00 – 18.00	Registration – Gateway Reception	
17.00 – 18.00	Welcome/Introduction <b>Opening Keynote Address:</b> <b>A. Osterhaus (1)</b>	"Emerging Zoonoses in a Changing World."
18.00 – 20.00	Welcome Reception and Buffet Dinner	

**Sunday, 3<sup>rd</sup> June**

**KEYNOTE TALK:**

**09.00 – 09.50 R. E. Randall (2)**

“How viruses intercede with the interferon system and the importance of the IFN response as a species barrier to emerging virus infections.”

**SESSION 1: Ecology, Epidemiology and Diagnostics 1**

**CHAIR: O. Vapalahti and Z. Hubalek**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09.50 – 10.10	N. Putkuri (3)	Human infection caused by Inkoo virus and other California serogroup viruses in Finland
10.10 – 10.30	N. Cook (4)	The potential environmental contamination by rotaviruses livestock.
10.30 – 11.00	Coffee and Posters	
11.00 – 11.20	S. Kurkela (5)	Sindbis virus infection in migratory birds, grouse and humans in Finland.
11.20 – 11.40	P. D'Agaro (6)	Prevalence of the virus in ticks from an alpine area in North-Eastern Italy.
11.40 – 12.00	G. Nicolescu (7)	Studies on West Nile virus circulation in Romania (2001-2006).
12.00 – 12.20	A. Papa (8)	Filling in the Hantavirus map of Greece.
12.20 – 14.00	Lunch and Posters	

**Sunday, 3<sup>rd</sup> June**

**KEYNOTE TALK:**

**14.00 – 14.50      Z. Hubalek (9)**

“Ecology of arboviruses in Europe.”

**SESSION 2:      Ecology, Epidemiology and Diagnostics 2**

**CHAIR:            N. Tordo and J. Fazakerley**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
14.50 – 15.10	N. Johnson (10)	Diagnosis and surveillance for Lyssaviruses: a UK perspective.
15.10 – 15.30	N. Pavio (11)	Hepatitis E virus seroprevalence and molecular epidemiology among French swine herds: relationship between human and animal strains.
15.30 – 15.50	J-C. Saiz (12)	Serosurvey of hepatitis E virus in swine herds from Spain using an OFR-2 genotype III recombinant protein produced in Trichoplusia nI.
15.50 – 16.20	Coffee and Posters	
16.20 – 16.40	J. Naslund (13)	Evaluation of immunological and genetic methods for the diagnostics of Rift Valley fever, an emerging epidemic disease.
16.40 – 17.00	J. Chamberlain or S. Welch (14)	Rapid assay for Crimean-Congo haemorrhagic fever virus.
17.00 – 17.20	H. Nordstrom (15)	DNA microarray technique for detection and identification of viruses causing encephalitis and hemorrhagic fever.
17.20 – 17.40	S. Lecollinet (16)	Development of serological diagnostic tools for detection of equine West Nile virus infection.
17.40 – 19.00	POSTER and WINE session	



**Monday, 4<sup>th</sup> June**

**KEYNOTE TALK:**

**09.00 – 09.50 J. Ortin (17)**

"The influenza virus ribonucleoprotein and polymerase complexes: structural analyses and interaction with host cell factors."

**SESSION 3: Virology 1**

**CHAIR: A. Plyusnin and F. Weber**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09.50 – 10.10	M. Lindkvist (18)	Identification of virus-specific and cross-reactive epitopes in the nucleocapsid proteins of hantaviruses, Puumala, Seoul and Sin Nombre, offers new diagnostic possibilities.
10.10 – 10.30	S. Eifan (19)	Functional analyses of the orthobunyavirus nucleocapsid (N) protein.
10.30 – 11.00	Coffee and Posters	
11.00 – 11.20	I. Golovljova (20)	Unique signature amino acids substitutions in Baltic TBEV strains may discriminate two lineages of TBEV within the Siberian subtype.
11.20 – 11.40	H. Groschup (21)	Prions spread via the autonomic nervous system from the gut to the CNS in cattle incubating BSE.
11.40 – 12.00	J-C. Saiz (22)	Pregnancy increases the risk of mortality in West Nile virus infected mice.
12.00 – 12.20	S. Moutallier (23)	Consequences of infection by Rift Valley fever virus on life history traits of two mosquito species: <i>Aedes vexans</i> and <i>Culex pipiens quinquefacisatus</i> .
12.20 – 14.00	Lunch	

**Monday, 4<sup>th</sup> June**

**KEYNOTE TALK:**

**14.00 – 14.50 A. Gessain (24)**

“Emergence of novel retroviruses in humans in Central Africa: HTLV-3 and Simian Foamy viruses and importance of interspecies transmission.”

**SESSION 4: Virology 2**

**CHAIR: R. Elliott and J. Ortin**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
14.50 – 15.10	J. Hardestam (25)	Puumala hantavirus secretion kinetics in colonized bank voles.
15.10 – 15.30	T. Sironen (26)	A non-human primate model to study HRFS: A histopathological analysis of Puumala hantavirus infection in cynomolgus macaques.
15.30 – 15.50	A. Kohl (27)	Semliki Forest virus (Alphavirus) interactions with mosquito innate immunity.
15.50 – 16.20	Coffee and Posters	
16.20 – 16.40	E. Mertens (28)	Escape of a West Nile virus variant from antiviral host defenses mediated by Oas1b.
16.40 – 17.00	M. Stoltz (29)	Hantavirus infection lead to decreased levels of serum interferon-1 in patients, and an established infection is insensitive to IFNs in vitro.
17.00 – 17.20	F. Weber (30)	A novel interferon escape strategy displayed by bunyaviruses.
19.00 – 19.30	Reception – Upper College Hall, North Street	
19.30 – 23.00	Dinner and Ceilidh – Lower/Upper College Hall, North Street	



**Tuesday, 5<sup>th</sup> June**

**KEYNOTE TALK:**

**09.00 – 09.50 J. Neyts (31)**

“Towards the design of selective inhibitors of Zoonotic Viruses.”

**SESSION 5: Antivirals and Prevention**

**CHAIR: Å. Lundkvist and A. Gessain**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09.50 – 10.10	C. Drosten (32)	Management and outcomes after multiple corneal and solid organ transplantations from a donor infected with rabies virus.
10.10 – 10.30	H. Jin (33)	Immune response to live attenuated H5N1 influenza vaccines in ferrets.
10.30 – 11.00	Coffee and Posters	
11.00 – 11.20	J. Klingstrom (34)	Passive immunisation protects cynomolgus macaques against Puumala hantavirus challenge.
11.20 – 11.40	N. Lagerqvist (35)	Immunization with Rift Valley fever virus cDNA induces high antibody titers and strong cellular immune response in mice.
11.40 – 12.00	S. Vene (36)	Tick borne encephalitis despite complete vaccination – a summary of five Swedish cases.
12.00 – 12.20	N. Tordo (37)	Antiviral strategies against the lyssavirus replication complex.
12.20 – 13.30	Farewell Lunch	

Close of Meeting.