



## VETERINARY HERPESVIRUS SATELLITE WORKSHOP

SATURDAY, JULY 24, 2010

13:00 – 17:00

ROOM 270, GARDNER HALL

SALT LAKE CITY, UTAH

**13h00**      **Welcome**

### **Session 1: Pathogenesis**

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**Chair:** Hans Nauwynck, Ghent University, Belgium

- 13h05**      Gailbreath, O'Toole, Cunha, Taus, Knowles, Davies, Davis, & Li  
2.31      *Ovine herpesvirus 2 replication and dissemination in American bison after experimental infection by intranasal nebulization*
- 13h16**      **Steukers**, Glorieux, Vandekerckhove, & Nauwynck  
2.23      *Comparative analysis of replication characteristics of different BoHV-1 subtypes in bovine respiratory and genital mucosa explants*
- 13h27**      Coats, Brum, Neis, Navaro, Jones, & **Chowdhury**  
2.41      *A BHV-1 mutant virus lacking Us9 acidic domain sequences has defective anterograde axonal transport*
- 13h38**      **das Neves** & Tryland  
2.20      *Cervid Herpesvirus 2 infections in reindeer: isolation and pathogenesis*
- 13h49**      **Studdert**, Dynon, El-Hage, Anderson, & Hartley  
8.29      *Equine herpesvirus 1 specific antibody seronegativity is a significant risk factor for developing myeloencephalitis*

### **Session 2: Virus-cell interactions**

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**Chair:** Barbara Klupp, Friedrich-Loeffler Institute, Germany

- 14h05**      **Cuxson**, Hartley, Symes, Devlin, Ficorilli, & Gilkerson  
7.29      *Replication of equine herpesvirus 1 in equine endothelial cells*
- 14h16**      **Möhl**, Böttcher, Granzow, Fuchs, Klupp, & Mettenleiter  
5.22      *Random transposon-mediated mutagenesis of the essential large tegument protein pUL36 of pseudorabies virus*
- 14h27**      **Farah-Abraham** & Hilliard  
8.28      *The dynamic multi-level modulation of mitogen-associated protein kinase (MAPK) pathway with host immunoregulatory processes after B virus infection*
- 14h38**      **Van den Broeke**, Hoffman, Nauwynck, Van den Broeck, Chernoff, & Favoreel  
5.19      *Role of p21-activated kinases 1 and 2 in pseudorabies virus US3-mediated effects on apoptosis and nuclear egress*
- 14h49**      **Bienkowska-Szewczyk**, Brzozowska, Rychlowski, Minh, & Keil  
5.46      *Characterization of bovine herpesvirus 1 US3 protein kinase activity in transfected and infected cells*

15h00      **BREAK**

### **Session 3: Gene expression**

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**Chair:** George Russell, Moredun Research Institute, UK

**15h15      Subramaniam, Brown, & Cheng**

7.26      *Genome-wide identification of host genes directly and indirectly regulated by Marek's disease virus (MDV) oncoprotein Meq*

**15h26      Russell, Silvan, Grant, Todd, Thomson, Haig, & Nath**

2.43      *Gene expression changes during inflammatory gamma-herpesvirus infection*

**15h37      Jones, Workman, Eudy, & Sinani**

6.35      *Identification and characterization of cellular genes expressed during early phases of reactivation from latency*

**15h48      Levy, Hopkins, Russell, & Dalziel**

1.21      *Identification of ovine herpesvirus 2 microRNAs*

**15h59      Amen & Griffiths**

1.22      *Discovery and characterization of herpes B virus-encoded microRNAs using deep sequencing technology*

### **Session 4: Immunology**

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**Chair:** Clinton Jones, University of Nebraska, USA

**16h15      Frizzo da Silva & Jones**

7.27      *Analysis of the three bovine beta interferon promoters: evidence that bovine herpesvirus 1 and bICP0 differentially regulate their activity*

**16h26      Van Opend Bosch, De Regge, Van Poucke, Peelman, & Favoreel**

8.19      *Similarities and differences in interferon  $\alpha$ -mediated inhibition of transcription/translation of IE genes in HSV-1 versus PRV-infected neuronal cells*

**16h37      Verweij, Lipinska, Koppers-Lalic, van Leeuwen, Cohen, Kinchington, Bienkowska-Szewczyk, Rensing, Rijsewijk, do Sul, & Wiertz**

8.27      *The capacity of UL49.5 proteins to inhibit TAP is widely distributed amongst members of the genus Varicellovirus*

**16h48      Wei, Wang, & Chowdhury**

2.42      *Bovine herpesvirus type 1 (BHV-1) glycoprotein N (gN) residues 30 to 32 are critical for the gN-mediated TAP inhibition/MHC-I downregulation*

**16h59      Heidari, Xu, Lee, & Silva**

8.52      *Meq is an immunosuppressive oncogene*

**17h10      End of meeting**