

Interventions Satellite Workshop Program – Saturday, July 24, 2010

Gardner Concert Hall
IHW 2010 – Salt Lake City, UT

Session Chairs: Clyde Crumpacker, David M. Knipe

1:00 – 1:15 # 9.07 Fengling Liu, Gaby Marquardt, Austin Kirschner, Jessica Sorem, Richard Longnecker, Theodore Jardetzky

Mapping EBV glycoprotein interactions for the discovery of peptides and small molecule inhibitors of virus entry

1:15 – 1:30 # 9.09 Dongli Pan, Donald Coen

Analysis of ribosomal frameshifting in expression of thymidine kinase in herpes simplex virus tk mutant-infected cells and in vitro

1:30 – 1:45 # 9.13 Sabine Becke, Leander Grode, Sabine Reyda, Bodo Plachter

Refinement of a subviral particle vaccine against human cytomegalovirus infection

1:45 – 2:00 # 9.37 Rebecca Loomis, Kara Balabanis, Ranjana Srivastava, James Monroe, Giuseppe Palladino, Anders Lilja, Yasushi Uematsu, Peter Mason, Susan Barnett, Michael Franti

Generation of a CMV Vaccine

2:00 – 2:15 # 9.24 Dai Wang, Fengsheng Li, Daniel Freed, Aimin Tang, Adam Finnefrock, Danilo Casimiro, Tong-ming Fu

Quantitative analysis of neutralizing antibody responses to cytomegalovirus in natural infection implication of minimum protective level for vaccines

2:15 – 2:30 # 9.27 Partha Bhattacharjee, Manish Kumar, Tashfin Huq, Parul Gupta, Christian Clement, Rashed Mahmud, James Hill

Synergistic in vitro interactions between peptidomimetic apolipoprotein E and acyclovir (ACV) against HSV-1

2:30 – 2:45 # 9.14 Mark Shlapobersky, Joshua Marshak, Lichun Dong, Qun Wei, Alain Rolland, Sean Sullivan, David Koelle

Adjuvanted HSV-2 gD pDNA results in sterilizing immunity of mice against lethal viral challenge and inhibits latent infection in dorsal root ganglia

2:45 – 3:00 # 9.28 Sita Awasthi, John Lubinski, Shana Barrett, Michael Cai, Carolyn Shaw, Fushan Wang, Harvey Friedman

Immunization with HSV-2 glycoprotein C prevents immune evasion from complement and enhances the efficacy of an HSV-2 glycoprotein D subunit vaccine

3:00 – 3:30 **Break**

3:30 – 3:45 # 9.18 John Balliet, Martha Brown, Rose Kowalski, Ryan Swoyer, Judith Smith, Jennifer Galli, Susan Kingsley, Jessica Flynn, Fushan Wang, Daniel DiStefano, Danilo Casimiro, Harvey Friedman, Janine Bryan

A dual modality HSV-2 vaccine is highly efficacious in guinea pigs

3:45 – 4:00 Hector Hernandez, Changhong Zhou, Sophia Mundle, John Hamberger, John Catalan, Svetlana Pougatcheva, Stephen Anderson, Patricia Londono-Arcila, Simon Delagrave, Harold Kleanthous

Immunogenicity and protective efficacy studies of purified ACAM529 corroborate its mode of action

NB: Abstract is not published in the abstract book and will be distributed at the satellite session.

4:00 – 4:15 # 9.12 Suzanne Thomas, Simon Barton, Philip Reay, Tracey Marshall, Colin Love, Howard Goldsweig, Robert Coffin

Clinical development of an immune evasion gene-deleted live attenuated vaccine for HSV-2 (ImmunoVEX HSV2)

4:15 – 4:30 # 9.17 Ling Jin, Kathleen Eide, Megan Moerdyk-Schauwecker, David Stein, Rob Bildefell, David Koelle,

Inhibition of HSV-2 infections in cell cultures and in rodent models with peptide-conjugated morpholino oligomers targeting ICP27 and ICP0