

## Presentations 2008

Bellamy-McIntyre A. K., Heidi Drummer, H. E., Poubourios, P. A functional link between the CD4 binding domain of gp120 and the MPER of gp41 in HIV-1. Australian Centre for HIV & Hepatitis Virology Research (ACH2) 4th National Workshop, Barossa Valley 2008.

Campbell, A., Turville, S. G., Piller, S. C., Cunningham, A.L., Diefenbach R. J. Microtubule-based transport of HIV-1. Westmead Hospital Week oral presentation 2008.

Carr, J. M., Shaw, D., Hart, W., Higgins, G., Burrell, C. J., Li, P. and Qiao, M. An allele specific PCR identifies an additional 14% of patients with low-level NNRTI resistant mutations of HIV. ACH2 4<sup>th</sup> Annual Workshop, Novotel Barossa Valley Resort, SA, 4-6 June 2008.

Cherry, C.L., Affandi, J.S., Yunihastuti, E., Imran, D., Price, P. *TNFA* genotype, patient height and age combine to predict risk of antiretroviral toxic neuropathy in HIV patients receiving stavudine. Australian Centre for HIV and Hepatitis Research Annual Meeting, 4<sup>th</sup>-6<sup>th</sup> June 2008, Barossa Valley, South Australia.

Cherry, C.L., Affandi, J.S., Imran, D., Yunihastuti, E., Smyth, K., Vanar, S., Price, P., Kamarulzaman, A. Predicting neuropathy risk before stavudine prescription: an algorithm for minimizing neurotoxicity in resource-limited settings. Australasian Society for HIV Medicine Annual Meeting, Perth, Australia 2008.

Chew, C., Price, P., Affandi, J.S., Valente, F., Imran, D., Kamarulzaman, A., Tan, H.Y., Cherry, C.L. Characterisation of the TNF block haplotypes and genotypes that predict an individual's risk of stavudine-associated sensory neuropathy. Australasian Society for HIV Medicine Annual Meeting, Perth, Australia 2008

Cornall, A., Solomon, A., Cameron, P.U., Gorry, P., Lewin, S.R. A rapid assay for plasma HIV-1 co-receptor use. Australian Centre for HIV and Hepatitis Virology Research, 4-6 June, Barossa Valley, SA 2008.

Crowe, S.M. Low cost monitoring of HIV in resource constrained countries. *PITTCON, New Orleans* 2008. (Symposium presentation).

Crowe, S.M. Viral load monitoring in developing countries. *Australian Society for Microbiology*, Melbourne 2008 (Symposium presentation).

Crowe, S.M. Microbes sans frontiers: infections that threaten our region. Adelaide 2008. *Royal Australasian College of Physicians* (Priscilla Kincaid Smith Oration).

Crowe, S.M. Low cost monitoring of HIV infection. *HIV Congress Bombay*. 2008 (Plenary lecture).

Cunningham, A.L. Langerins as potential microbicide candidates Australian Society for HIV Medicine, Perth September 2008.

Diefenbach, Russell J., Kassouf, Vicki, Campbell, Amber, Eddowes, Rachael, Turville, Stuart G., Piller, Sabine C. and Cunningham, Anthony L. Dynein-dependent transport of HIV: a novel target for new antivirals. ACH<sup>2</sup> Conference, 4<sup>th</sup>-6<sup>th</sup> June 2008, Barossa Valley, South Australia.

Gouklani, Hamed, Beyer, Claudia, Gowans, Eric, Haqshenas Gholamreza. Mutations in the core, NS2 and NS5B proteins of hepatitis C virus restore the infectivity of nonviable p7 intergenotypic JFH1 chimeric genomes. Viral Hepatitis Conference, 2008, Brisbane, Australia

Gouklani, Hamed, Beyer, Claudia, Gowans, E. J. Haqshenas, G. Role of p7 in hepatitis C virus replication. Australian Centre for HIV and Hepatitis Virology Research, 4<sup>th</sup>-6<sup>th</sup> June 2008 Barossa Valley, South Australia

Harrich D. Evidence of a U5 RNA suppressor of HIV-1 reverse transcription. Australian Centre for HIV and Hepatitis Virology Research (ACH2), 4<sup>th</sup>-6<sup>th</sup> June 2008, Barossa Valley, South Australia.

Harrich D. Purification of cellular factors important for HIV-1 late DNA synthesis. Cold Spring Harbor: May 19 - 24, 2008, Retroviruses, New York.

Hearps, A.C., Plate, M.M., Morris, L.M., Greengrass, V.L. and Crowe, S.M. 'Development of a low cost HIV genotyping assay to screen for drug resistance mutations using dried blood spot samples', *Australian Centre for HIV and Hepatitis Conference, Barossa Valley, Australia, 2008* (oral presentation).

Hooker, D.J., Wesselingh, S.L., Cherry, C.L. Apoptosis is measurable by ligation-mediated polymerase chain reaction. Australian Centre for HIV and Hepatitis Research Annual Meeting, 4<sup>th</sup>-6<sup>th</sup> June 2008, Barossa Valley, Australia.

Hooker, D.J., Wesselingh, S.L., Cherry, C.L. Monitoring and understanding apoptosis in HIV patients by ligation-mediated polymerase chain reaction. Australasian Society for HIV Medicine Annual Meeting, Perth, Australia 2008

Lay, C.-S., Bellamy-McIntyre A, K., Talbo, G. H., Drummer, H. E., Pombourios, P. Terminal interactions in the HIV-1 gp41 trimer of hairpins. Australian Centre for HIV & Hepatitis Virology Research (ACH2) 4th National Workshop, Barossa Valley 2008

Ryan, C.E., van Rooijen, L.B., Steele, P.M., Morris, L.M., Plate, M.M., Greengrass, V.L., and Crowe, S.M., 'The adaptation of the low cost Cavid ExaVir™ Load RT assay for use with dried plasma spots to measure HIV-1 viral load in resource limited settings', *Australian Centre for HIV and Hepatitis Conference, Barossa Valley, Australia, 2008* (oral presentation).

Saksena, Nitin and Wang, Bin. Elite Controllers and Immunological Control of HIV: Evidence for novel HIV-specific factors (*Journal of HIV Clinical Trials, Vol 9, Suppl 1, 1-2, 2008*). Oral Presentation at the 15<sup>th</sup> International Symposium on HIV and Emerging Infectious Diseases (May 28-30, 2008), Toulon, France.

Tachedjian G, Tyssen D, Moore K, Treble K, Zanin M, Gray L, Gorry P, Wesselingh S, Lowe M, Henderson S, Lewis G, Krippner G, McCarthy T and Paull J. In vitro activity of dendrimer-based microbicides. Microbicides 24 – 27<sup>th</sup> February 2008, New Delhi, India

Tachedjian G, Tyssen D, Moore K, Treble K, Zanin M, Gray L, Gorry P, Sterjovski J, Wesselingh S, Lowe M, Henderson S, Lewis G, Krippner G, McCarthy T and Paull J. In vitro activity of dendrimer-based microbicides. Australian Centre for HIV and Hepatitis Virology Research (ACH2) Annual Workshop, 4<sup>th</sup>-6<sup>th</sup> June 2008, Novotel Barossa Valley Resort, South Australia

Tachedjian G. Australia's role in the global microbicide agenda. Preclinical development of microbicides. Microbicides and HIV Biomedical Prevention Symposium: Gender and Vulnerability. 14 – 15 July 2008, Sydney University, NSW.

Vietheer, P.T.K., McCaffrey, K., Quinn C., Owczarek, C., Hardy, M., Walker, L., Fabri, L., Scotney, P., Pombourios, P., Drummer, H. E. The HCV E2<sub>661</sub> glycoprotein core domain elicits broad humoral immune responses Australian Virology Group Meeting. Fraser Island, December 2008, Australia.

Vietheer, P.T.K., McCaffrey, K., Quinn C., Owczarek, C., Hardy, M., Walker, L., Fabri, L., Scotney, P., Pombourios, P., Drummer, H. E. Evaluation of a modified E2<sub>661</sub> glycoprotein core domain as an HCV vaccine candidate. Australian Centre for HIV and Hepatitis Virology Research (ACH<sup>2</sup>) Barossa Valley, 4-6<sup>th</sup> June 2008.