



The Canadian HIV/AIDS Pharmacists Network Association Canadienne des Pharmaciens en VIH/SIDA

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Spring 2010 Newsletter



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2009-2010 Secretary
(Niamh Higgins)

A Message from the Secretary:

Greetings, CHAP members! It gives me great pleasure to present you with the second issue of the biannual CHAP newsletter as I complete my term as this year's secretary. I look forward to becoming CHAP Chair during the upcoming year and working more closely with all of you. Thank you once again for sharing your updates and making this newsletter possible. We should be so proud of the many accomplishments of our group!

–Niamh Higgins, 2009-2010 Secretary

New CHAP Members

National

A big welcome to Mark Naccarato, who is currently covering Deborah's maternity leave at the Positive Care Clinic at St. Michael's Hospital.

International

As our network expands, we also welcome pharmacists from East London, UK and Port Elizabeth, South Africa:

Jane Riddin

Janine Munsamy

Neeran Jooste

Ya-ying Wang

Renier Coetzee

CHAP Research Updates:

DEscription of Factors Associated with Medication Errors in an HIV Ambulatory Care SeTting: A Pilot Study (DEFEAT Study) (project leader: Niamh Higgins)

The DEFEAT study is a pilot project on medication errors taking place at the Montreal Chest Institute. Recruitment is now complete for DEFEAT (n=150) and only 4 study visits remain. Subsequently, we plan to conduct a multivariate analysis on the risk factors associated with the medication errors discovered during patient interviews. We intend to use the findings of DEFEAT to conduct a larger, inter-institutional study involving CHAP pharmacists at sites across Canada.

The Effect of Aging on the Pharmacokinetics of Nelfinavir and M8 in HIV-1-Infected Individuals (project leader: Nancy Sheehan)

The objective of this multicentre project was to explore the effects of aging on nelfinavir pharmacokinetics. Overall, 10 patients completed study visits; the goal was to recruit 24 patients. However, it became very difficult to recruit patients because there are very few patients taking nelfinavir nowadays.

Nancy presented preliminary data on the 10 patients at the 2009 PK workshop. If Pfizer is willing to share their pharmacokinetic data, there may be a sufficient number of observations for the analysis. Otherwise, Nancy will contact the

editors of journals to solicit their interest in publishing preliminary findings as a research short communication.

Journal Publications:

C.J.L. la Porte N. Voduc, G. Zhang, I. Seguin, D. Tardiff, N. Singhal, D.W. Cameron. Steady-State Pharmacokinetics and Tolerability of Trans-Resveratrol 2000 mg Twice Daily with Food, Quercetin and Alcohol (Ethanol) in Healthy Human Subjects. *Clinical Pharmacokinetics* 2010 Jul 1;49(7):449-54. doi: 10.2165/11531820-000000000-00000.

C.A. Hughes, D. Zuk, **M. Foisy**, J. Robinson, A. Singh, S. Houston. Limitations of opt-out HIV screening and mother-child HIV transmission (response). *Am J Pub Health* 2010;100:389.

C.A. Hughes, **M. Foisy**, **A. Tseng**. Interactions between antifungal and antiretroviral agents. *Expert Opinion Drug Safety* (posted online March 29, 2010).

A. Jacques, **P. Giguere**, G. Zhang, C. Touchie, **C.J.L. la Porte**. Atazanavir-Associated Cholelithiasis Leading to Acute Hepatitis in an HIV-Infected Adult. *Annals of Pharmacotherapy* 2010; 44(1): 202-6. Published Online, 2 Dec 2009, theannals.com, DOI 10.1345/aph.1M489

Conference Abstracts/Posters:

D.F. Carr, **C.J.L. la Porte**, D. Egan, M. Pirmohamed, A. Owen, C.P. Cortes. Investigation of the association of CYP2B6 haplotypes with efavirenz plasma concentration in a Chilean HIV cohort. 11th International Workshop on Clinical Pharmacology of HIV Therapy: April 7-9, 2010, Sorrento, Italy. Oral abstract.

P. Giguère, J. Burry, L. Béïque, G. Zhang, J. Angel, **C.J.L. la Porte**. The effect of food on the pharmacokinetics of atazanavir/ritonavir 300/100 mg daily in HIV-infected patients. 11th International Workshop on Clinical Pharmacology of HIV Therapy: April 7-9, 2010, Sorrento, Italy. Abstract P_30.

N. Higgins, **J. Gauthier**, L. Wong, M. Potter, R.G. Lalonde, M.B. Klein. Description of Factors Associated with Medication Errors in an HIV Ambulatory Care Setting: A Pilot Study (DEFEAT Study). 19th Annual Canadian Conference on HIV/AIDS Research 13-16 May, 2010, Saskatoon, Saskatchewan.

C.J.L. la Porte, M. Loutfy, S. Walmsley, **A. Tseng**, S. Mohammed, M. Li, M. Klein, J. Angel, B. Conway, D. Burdge, A. Rachlis, K. Gough, J. Cohen, F. Smaill, D. Haase, H. Loemba, S. Trottier, A. de Pokemandy, S. Blitz, J. Raboud for the PK in women Study Team. Antiretroviral pharmacokinetics in HIV-positive women with full virologic suppression on current regimens. 11th International Workshop on Clinical Pharmacology of HIV Therapy: April 7-9, 2010, Sorrento, Italy. Abstract P_08.

N.L. Sheehan, V. Lamarre, H. Soudeyns, **N.M. Higgins**, N. Lapointe. Dose Adjustments of Efavirenz (EFV) Based on Therapeutic Drug Monitoring (TDM) is Safe and Maintains Virologic Suppression in HIV-Infected Children and Adolescents. 11th International Workshop on Clinical Pharmacology of HIV Therapy 5-7 April 2010, Sorrento, Italy.

N.L. Sheehan, V. Lamarre, H. Soudeyns, **N.M. Higgins**, N. Lapointe. Dose Adjustments of Efavirenz (EFV) Based on Therapeutic Drug Monitoring (TDM) is Safe and Maintains Virologic Suppression in HIV-Infected Children and Adolescents. 19th Annual Canadian Conference on HIV/AIDS Research 13-16 May, 2010, Saskatoon, Saskatchewan.

Awards/Recognitions:

A huge congratulations to Christine Hughes, who was the recipient of two prestigious awards!!

2010 APEX (Alberta Pharmacy Excellence) Award

M.J. Huston Pharmacist of Distinction

Christine Hughes

Clinical Associate Professor, U of A;

Advanced Pharmacotherapy Practitioner, Northern Alberta HIV Program

<https://pharmacists.ab.ca/nAboutACP/APEXAwards.aspx>

CphA Patient Care Achievement Award for Specialty Practice 2010

Other CHAP Projects

New Member Resource Kit (Jeff and Deborah Y)

Jeff informed the CHAP network at the AGM that the new member resource kit should be ready in July. The kit will include an introductory letter from the executive board, a list of suggested readings/data resources with links to pubmed for the publications pharmacist referrals for peer mentoring.

HIV Drug Therapy Handbook 2010 Edition (Michelle and Alice)

The 2010 version of the HIV Drug Therapy Handbook is now available. Alice Tseng and Michelle Foisy coauthored this resource. Hard copies and CD-ROMs can be ordered through any Abbott pharmaceutical representative.

Group Photo from the 2010 AGM

