



The Ontario HIV Treatment Network

*Promoting excellence and innovation
in HIV research and care*

Spotlight on OHTN at



AIDS 2006

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Supported/Affiliated Research

Saturday, August 12, 2006

SATELLITE & SYMPOSIUM SESSIONS	
8:30 am-6:00 pm Hilton, Toronto	<p>Serological Testing Assays for the detection of Recent HIV Seroconversion (STARHS Workshop)</p> <p>Sponsored by OHTN Carol Major, Expert Advisor, The Ontario HIV Treatment Network, Canada Robert S. Remis, Professor, Public Health Sciences, University of Toronto, Canada Chris Archibald, Director, Infectious Disease & Emergency Preparedness, Public Health Agency of Canada Bernard Branson, Associate Director, Laboratory Diagnostics, CDC, USA Michael Busch, Director, Blood Systems Research Institute; Professor of Laboratory Medicine, UCSF, USA Elizabeth Dax, Director, National Serology Reference Laboratory, Australia John Parry, Deputy Director, Virus Reference Department, HPA Centre for Infection, England</p>

Sunday, August 13, 2006

SATELLITE & SYMPOSIUM SESSIONS	
2:45 pm-4:45 pm MTCC SR10	<p>Leading Together: Canada Takes Action on HIV AIDS (2005-2010)</p> <p>Sponsored by Canadian Public Health Association Dr. Sean Rourke, Scientific and Executive Director, Ontario HIV Treatment Network Gail Flintoft, Chair, Canadian AIDS Society Debbie Warren, Executive Director, SIDA-AIDS Moncton Dr. Marc Steben, President, Institut national de santé publique du Québec David Nelson, Members of the Ministerial Council on HIV/AIDS Fanta Ongoiba, Africans in Partnership Against HIV/AIDS</p>

Monday, August 14, 2006

SATELLITE & SYMPOSIUM SESSIONS	
7:00 am-8:30 am Skills Building Room 4	<p>Adding Life to Years: A National Collaborative and Multi-Sectoral Response to HIV & Depression</p> <p>Supported by Public Health Agency of Canada Organizer: Dr. Sean B. Rourke, St. Michael's Hospital, OHTN and the University of Toronto Rick Kennedy, Ontario AIDS Network Penny Marrett, Canadian Mental Health Association, National Office Jean Bacon, Ontario HIV Treatment Network Frank McGee, Ministry of Health and Long-Term Care, AIDS Bureau</p>
4:00 pm-8:00 pm SR10	<p>Canada's National and Global HIV Research: What Have We Done, Where Are We Going, and How Do We Get There?</p> <p>Liviana Calzavara, Co-Chair</p>

ORAL PRESENTATION	
2:15 pm-3:45 pm SR12 MOAX 0201	<p>Intersecting sexuality, gender, race and citizenship: Mental health issues faced by immigrants and refugees living with HIV/AIDS in Toronto</p> <p>Wong J.P.¹, Li A.², Chen Y.B.³, Kanagaratnam P.³, Yee S.³, Fung K.⁴, Roy Sen A.³ ¹Toronto Public Health, Planning & Policy, Toronto, Canada, ²Regent Park Community Health Centre, Toronto, Canada, ³Committee for Accessible AIDS Session title: Crossing Boundaries: Migration and HIV</p>

POSTER PRESENTATION	
MOPE0851	<p>Making Research Work for Community-based AIDS Organizations in Ontario: Strategies for Linking Research to Action</p> <p>John Lavis, Chair, Research Network Advisory Committee, OHTN Sean Rourke, Scientific and Executive Director, Ontario HIV Treatment Network Robb Travers, Scientist and Director of Community Based Research, Ontario HIV Treatment Network Jean Bacon, KTE Strategist and Health Policy Consultant, Ontario HIV Treatment Network Tarik Bereket, Project Coordinator, Ontario HIV Treatment Network Shelley Cleverly, Director of CBR, Ontario AIDS Network Evan Collins, Co-Chair, Community Programme Committee, AIDS 2006 Rick Kennedy, Executive Director, Ontario AIDS Network Edward McDonnell, Associate Executive Director, Ontario HIV Treatment Network Peggy Millson (HIV Social, Behavioural & Epidemiological Studies Unit, University of Toronto) Ron Rosenes, Vice-Chair, Canadian Treatment Action Council Ruthann Tucker, Executive Director, Fife House Michael Wilson, Project Coordinator, Ontario HIV Treatment Network</p>
MOPE0731	<p>African and Caribbean Perspectives on HIV/AIDS Etiology and Prevention: Theoretical Implications</p> <p>E. Lawson, L. Calzavara, F. Gardezi, T. Myers, W. Husbands, E. Tharao, C. George, D. Willms, D. Taylor, S. Adebajo, R. Remis, F. McGee, E. Jacobet Wambayi</p>
MOPE0378	<p>Sexual risk factors leading to recent HIV infection among gay and bisexual men in Ontario, Canada</p> <p>Ann Burchell, Liviana Calzavara, Ted Myers, Paul Corey, Janet Raboud, Robert S. Remis, Wendy Medved, and Carol Swantee for the Polaris Study Team</p>
MOPE0377	<p>Perception of risk, risk behaviour and sexual networks among immigrant East African communities living in Toronto, Canada</p> <p>Kimberly Gray, Liviana Calzavara, Esther Tharao, Ann Burchell, Ted Myers, Robert Remis, Carol Swantee, Catherine Chalin, and Nancy Ramuscak</p>
MOPE0508	<p>Trends in HIV incidence among men who have sex with men in Ontario, Canada 1993-2004</p> <p>Remis R, Burchell A, Calzavara L, Myers T, Swantee C, Major C, Corey P, Raboud J, Polaris Study Team</p>
MOPE0713	<p>What factors influence the funding of HIV/AIDS programs in kwaDukuza?</p> <p>Lasry A.</p>
12:30 pm-2:00pm MOPE0797	<p>Action research to improve mental health service access for immigrant and refugee PHAs: a progressive example of applying the GIPA principles in community based research</p> <p>YY Chen, Josephine Wong, Alan Li, Seema Opal, Noulmook Sutdhibhasilp, Fanta Ongoiba, Kenneth Fung, Kwasi Kefele, Lena Soje, Consuelo Llanos</p>
12:30 pm-2:00pm MOPE0814	<p>Developing linguistically & culturally appropriate HIV/AIDS treatment information for linguistically diverse People Living with HIV/AIDS (PHAs)</p> <p>Keith Wong, Seema Opal, Fanta Ongoiba, Noulmook Sutdhibhasilp, Tim Rogers</p>
12:30 pm-2:00pm MOPE0387	<p>The impact of GBV-C infection on mother-to-child HIV transmission, Thailand</p> <p>Bhanich Supapol W., Remis R.S., Raboud J., Millson M., Tappero J., Kaul R., Kulkarni P., McConnell M., Mock P., Culnane M., Roongpisuthipong A., Chotpitayasunondh T., Shaffer N., Butera S.</p>
12:30 pm-2:00pm MOPE0567	<p>HIV vaccine acceptability among women at risk: the importance of social and structural factors (Project VIBE)</p> <p>Kakinami, L.¹, Newman, P.A.², Lee S-J.³, Seiden D.S.³, Duan, N.³ ¹University of Rochester, School of Public Health, Rochester, United States, ²University of Toronto, Faculty of Social Work, Toronto, Canada ³ University of California, Los Angeles, Los Angeles, United States</p>
12:30 pm-2:00pm MOPE0410	<p>Rate and correlates of mother-to-child-transmission of GBV-C infection, Bangkok, Thailand</p> <p>Authors: Bhanich Supapol W., Remis R.S, Raboud J., Millson M., Tappero J., Kaul R., Kulkarni P., McConnell M., Mock P., Culnane M., Roongpisuthipong A, Chotpitayasunondh T., Shaffer N., Butera S.</p>
12:30 pm-2:00pm MOPE0720	<p>A small dose of HIV? HIV vaccine mental models and heuristics among communities at risk (Project VIBE)</p> <p>Seiden D.¹, Newman, P.A.², Roberts K.¹, Duan N.¹ ¹University of California, Los Angeles, Los Angeles, United States, ²University of Toronto, Faculty of Social Work, Centre for Applied Social Research, Toronto, Canada</p>

Tuesday, August 15, 2006

ORAL PRESENTATION	
10:45-12:15 pm SR11 TUAD0205	<p>Funding HIV prevention in developing countries: equity vs. efficiency Lasry A.¹, Zaric G.S.², Carter M.W.³ ¹University of Toronto, Department of Mechanical & Industrial Engineering, Montreal, Canada, ²University of Western Ontario, Ivey School of Business, London, Canada, ³University of Toronto, Department of Mechanical & Industrial Engineering, Toronto, Canada</p> <p>Session Title: Achieving access to prevention, care and treatment</p>
12:55 pm TUPDB03	<p>Adherence to antiretroviral therapy in Africa versus North America: a meta-regression analysis Mills E.¹, Nachega J.², Buchan I.³, Orbinski J.⁴, Singh S.⁵, Rachlis b.⁶, Thabane L.⁷, Wilson K.⁴, Bangsberg D.⁸, Guyatt G.⁷ ¹Centre for International Health and Human Rights Studies, Epidemiology, Toronto, Canada, ²Johns Hopkins University, Department of International Health, Baltimore/Cape Town, South Africa, ³University of Manchester, BioMetrics, Manchester, United Kingdom, ⁴University of Toronto, Medicine, Toronto, Canada, ⁵Wakeforest University, Medicine, Salem, United States, ⁶UBC Centre for Excellence in HIV/AIDS, PhD Programme, Vancouver, Canada, ⁷McMaster University, CE & B, Hamilton, Canada, ⁸UCSF, AIDS Program, San Francisco, United States</p>
12:55 pm TUPDC04	<p>Occupational exposures to HIV among healthcare workers in Canada McCarthy G.¹, Dreizen C.¹, John M.², Harris K.¹, Stitt L.¹ ¹The University of Western Ontario, Schulich School of Medicine & Dentistry, London, Canada, ²London Health Sciences Centre, Clinical Microbiology, London, Canada</p>
2:45 pm TUAX0203	<p>Crystal methamphetamine use and participation in unsafe sex among poly-drug using men who have sex with men Bullock S.L.¹, Myers T.², Calzavara L.², Allman D.³, Millson M.², Fischer B.⁴ ¹University of Waterloo, Health Studies and Gerontology, Waterloo, Canada, ²University of Toronto, HIV Social, Behavioural and Epidemiological Studies Unit, Toronto, Canada, ³University of Edinburgh, Edinburgh, United Kingdom, ⁴Centre for Addiction and Mental Health, Toronto, Canada</p>

POSTER PRESENTATION	
TUPE0523	<p>Challenges posed by bareback networks and belief systems Adam B., Husbands W., Murray J., Maxwell J.,</p>
TUPE0076	<p>Functional expression of the ATP-Binding Cassette (ABC) membrane transporter P-glycoprotein (P-gp; ABCB1) in cultured glial cells treated with Gp120 Patrick Ronaldson and Reina Bendayan</p>
12:30 - 2:00 pm TUPE0818	<p>The HIV Medication Access Program (HMAP): an innovative compassion drug access mechanism for PHAs without status in Canada Alan Li, Sue Hranilovic, Llewellyn. Goddard, Charlene Walsh, Lynn Muir</p>
12:30 - 2:00 pm TUPE0656	<p>HIV & Immigration Service Access Training: a community capacity program to reduce legal, health and social service barriers Authors: Victor Inigo and Alan Li</p>
TUPE0453	<p>Life stress increases sexual risk behaviour and risk for HIV infection among younger MSM: results from the Polaris HIV Seroconversion Study Liviana Calzavara, Ann Burchell, Robert S. Remis, Ted Myers, Wendy Medved, Sandra Gardner, Paul Corey, Janet Raboud, Carol Swantee, and the Polaris Study Team.</p>

SATELLITE & SYMPOSIUM SESSIONS	
4:15 - 5:00 pm SR1	<p>The Price of Inaction – Emerging Epidemics in China, Eastern Europe and India Liviana Calzavara, Co-Chair</p>

Wednesday, August 16, 2006

SATELLITE & SYMPOSIUM SESSIONS	
6:00 - 8:00pm SR 10	<p>Community-Based Research (CBR) in Canada: innovations and partnership to improve health outcomes for people living with HIV/AIDS and communities at risk</p> <p>Organizer: Canadian Institutes of Health Research (CIHR), Ontario HIV/AIDS Treatment Network (OHTN), Canadian Aboriginal AIDS Network (CAAN) Supported by: Canadian Institutes of Health Research, Ontario HIV Treatment Network Roy Cain, McMaster University Kevin Barlow, Canadian Aboriginal AIDS Network Sean Rourke & Robb Travers, Ontario HIV Treatment Network Francisco Ibanez-Carrasco, Research Technical Assistant, B.C. HIV/AIDS CBR Capacity Building Program Ruthann Tucker, Fife House, HIV Housing and Health Research Team Charlotte Loppie, Dalhousie University Mark Tyndall, University of British Columbia John Lavis, McMaster University</p>
ORAL PRESENTATION	
10:45-12:15 pm SR 5 WEAD0102	<p>Racism and HIV/AIDS: Impacts of Racialized Discourse on the Daily Lives of African and Caribbean Communities in Toronto, Canada</p> <p>F. Gardezi, L. Calzavara, E. Lawson, T. Myers, W. Husbands, E. Tharao, C. George, D. Willms, D. Taylor, S. Adebajo, R. Remis, F. McGee, E. Jacobet Wambayi</p> <p>Session Title: Economic exclusion, racism and vulnerability</p>
10:45am-12:15 pm SR 5 WEAD0103	<p>HIV vaccine concerns and mistrust among vulnerable communities: towards proactive, culturally-appropriate interventions (Project VIBE)</p> <p>Newman P.A.¹, Cunningham W.E.², Lee S.-J.³, Seiden D.³, Duan N.³ ¹University of Toronto, Faculty of Social Work, Toronto, Canada, ²University of California, Los Angeles, Los Angeles, United States</p>
11:00 - 12:30 pm SR 6 WEAX0103	<p>High Levels of Risk in Young Offenders: an Epidemic in the Making Results of the Ontario HIV and Hepatitis C Remand Study</p> <p>Liviana Calzavara, Nancy Ramuscak, Ann Burchell, Ted Myers, Carol Swantee, Peter Ford, Sue Raymond</p> <p>Session Title: Hepatitis Co-Infections: The Hidden Epidemic</p>
11:30 am SR7 WEAA0106	<p>Globotriaosylceramide: a natural resistance factor to HIV infection</p> <p>Lund N.¹, Sakac D.², Lingwood C.A.³, Levene C.⁴, Hellberg Å.⁵, Olsson M.L.⁵, Branch D.R.² ¹University of Toronto, Toronto, Canada, ²Canadian Blood Services, Toronto, Canada, ³Hospital for Sick Children, Toronto, Canada, ⁴Magen David Adom National Blood Services, Ramat Gan, Israel, ⁵Lund University Hospital, Lund, Sweden</p>
12:50 pm Area 3 WEKC302	<p>Empowering mentorship and leadership development for culturally diverse people living with HIV/AIDS (PLWHAs)</p> <p>Hintzen D.¹, Luyombya H.¹, Samuels C.¹, Samgam A.¹, Inigo V.¹, Li A.¹ ¹Ethnoracial Treatment Support Network - ETSN, Toronto, Canada</p>
12:55 pm Site D WEPDD03	<p>Formal and informal responses to depression among Aboriginal people living with HIV in Canada</p> <p>Jackson R.¹, Cain R.², Collins E.³, Mill J.⁴, Barlow K.¹, Prentice T.¹ ¹Canadian Aboriginal AIDS Network, Ottawa, Canada, ²McMaster University, School of Social Work, Hamilton, Canada, ³University of Toronto, Department of Psychiatry, Toronto, Canada, ⁴University of Alberta, Faculty of Nursing, Edmonton, Canada</p>
1:00 pm Site A WEPDA04	<p>High levels of HIV-1 infection and replication in CD8+ T-cell clones results in the down-regulation of the CD8 and CXCR4 receptors</p> <p>Gulzar N.¹, Shroff A.¹, Buberoglu B.², Klonowska D.², Kim J.E.³, Copeland K.F.² ¹University of Ottawa, Biochemistry, Microbiology and Immunology, Ottawa, Canada, ²Ottawa Health Research Institute, Molecular Medicine Program, Ottawa, Canada, ³Health Canada, National HIV Reference Services Laboratory, Ottawa, Canada</p>

1:00 pm Area 3 WEKC304	Access to the information needed for informed treatment decisions Cupido P. ¹ , Bélisle J.-P. ² , Binder L. ² , Edmiston L. ¹ ¹ Canadian AIDS Treatment Information Exchange, Toronto, Canada, ² Canadian Treatment Action Council, Toronto, Canada
4:15 - 5:45 pm SR6 WEAA0406	Comparative viral fitness assessment of congenic mutations within an immunodominant CD8+ T cell epitope of HIV Christie, Natasha, University of Toronto
4:30 pm SR6 WEAA0403	Surveillance of IL-2 inducing CD4+ T cell epitopes in acute HIV-1 infection for the emergence of escape mutants Jones R.B. ¹ , Yue F.Y. ¹ , Kovacs C.M. ² , Mohamed R. ¹ , MacDonald K.S. ¹ , Ostrowski M.A. ¹ ¹ University of Toronto, Department of Immunology, Toronto, Canada, ² Canadian Immunodeficiency Research Collaborative, Toronto, Canada

POSTER PRESENTATION

WEPE0804	Narrative accounts of HIV serodiscordant relationships in the lives of HIV-negative gay men Dennis Haubrich, Karen Ryder, Domenico Calla, Ted Myers, Liviana Calzavara, and the Polaris Study Team
WEPE0009	Evolution and selection in HIV-1 <i>pol</i> Richard Pilon, Ann Burchell, Stan Read, Liviana Calzavara, Paul Sandstrom, and the Polaris HIV Study Team
WEPE0038	Insertional inactivation of HIV-1 provirus DNA: a novel gene therapy strategy to inhibit HIV replication R. Nazari ¹ , S. Joshi ² Institute(s): ¹ University of Toronto, Laboratory Medicine & Pathobiology, Toronto, Canada, ² University of Toronto, Medical Genetics & Microbiology, Toronto, Canada
12:30-2:30 pm WEPE0740	Disclosure of HIV status by HIV-positive men who have sex with men (MSM) to their sexual partners: implications for counseling practices and intervention design Chakrapani V. ¹ , Shanmugam M. ¹ , Newman P.A. ² , Balasubramaniam S. ³ , Kurian A. ¹ ¹ Indian Network for People Living with HIV/AIDS, Chennai, India, ² University of Toronto, Faculty of Social Work, Toronto, Ontario, Canada, ³ Social Welfare Association for Men, Chennai, India
12:45 - 1:45 pm Site A WEPDA01	HIV-1 Tat protein impairs CD8 T cell function by down regulating transcription of the IL-7R alpha chain (CD127) Faller E. ¹ , McVey M. ¹ , Kakal J. ¹ , MacPherson P. ¹ <i>Institute(s):¹OHRI, Molecular Medicine, Ottawa, Canada</i>

Thursday, August 17, 2006

ORAL PRESENTATION

10:45 – 12:15 pm SR12 THLB0104	Harm reduction success a needle exchange programme distributes sager crack smoking resources L.E. Leonard, E. Meadows, L. Prelude, J. Seto, N. Birkett, E. Medd University of Ottawa, Epidemiology and Community Medicine, Ottawa, Canada
12:45-3:45 pm SR1 THLB0201	A two-year randomized controlled clinical trial in antiretroviral-naïve subjects using lopinavir/ritonavir (LPV/r) monotherapy after initial induction treatment compared to an efavirenz (EFV) 3-drug regimen. Cameron, Bill, Ottawa Hospital
12:45 pm Site C THPDC01	Fun & games¹: reaching Canadian HIV-positive youth online Flicker S. ¹ , Buchan A. ² , Goldberg E. ³ , McClelland A. ⁴ , Skinner H. ⁵ , Smith T. ⁶ , Taylor D. ⁷ , Veinot T. ⁸ , Read S. ⁹ ¹ Wellesley Central Health Corporation, Research, Toronto, Canada, ² Positive Youth Project, Toronto, Canada, ³ Hospital for Sick Children, Adolescent Medicine, Toronto, Canada, ⁴ AIDS Committee of Toronto, Positive Youth Outreach, Toronto, Canada, ⁵ University of Toronto, Public Health Sciences, Toronto, Canada, ⁶ Canadian AIDS Treatment Information Exchange (CATIE), Toronto, Canada, ⁷ Canadian AIDS Treatment Information Exchange (CATIE), Toronto, Canada, ⁸ University of Western Ontario, Information Sciences, Toronto, Canada, ⁹ Hospital for Sick Children, Infectious Disease, Toronto, Canada

12:55 pm Site D THPDD03	Quality of life associated with changes in weight and body appearance among people living with HIV Bayoumi A. ¹ ¹ St. Michael's Hospital, Centre for Research on Inner City Health, Toronto, Canada
1:10 pm Site A THPDA06	Evaluating cis- and trans-modulators of HIV-1 RNA processing Platt C. ¹ , Nemet J. ² , Cochrane A. ² ¹ University of Toronto, Molecular and Medical Genetics, Toronto, Canada, ² University of Toronto, Medical Genetics & Microbiology, Toronto, Canada
4:15pm SR7	HIV neutralizing IgA in the genital tract of high-risk Kenyan sex workers is prospectively associated with protection against sexual acquisition of HIV Rupert Kaul, University of Toronto
2:30 pm-3:30 pm SR 12 THAX0202	Use of conjoint analysis methods to assess HIV vaccine acceptability in three populations: an innovation in the assessment of consumer healthcare preferences (Project VIBE) Lee S.-J. ¹ , Newman P. ² , Cunningham W. ³ , Seiden D. ¹ , Duan N. ¹ ¹ University of California, Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health, Los Angeles, United States, ² University of Toronto, Faculty of Social Work, Toronto, Canada, ³ University of California, Los Angeles, Department of Medicine, Los Angeles, USA

POSTER PRESENTATION

THPE0005	Development of Varicella Zoster virus as a persistent, replicating SIV/HIV vaccine vector MacDonald, Kelly, Mt. Sinai Hospital
THPE0790	Track D28: Institutional Roles – Health Services including Mental Health (Or track D53: Economic and related issues – Access and availability of HIV/AIDS treatment and care) HIV Health Professional Referrals to Community Services and Views of Service Challenges in a Nationally-Funded Health-Care System Worthington, C., Myers, T., O'Brien, K., Cockerill, R., Nixon, S., and Bereket, T.
THPE0057	PCP prophylaxis is not required with a CD4+ T cell count < 200 cells/uL when viral replication is effectively suppressed G.E. D'Egidio, S. Kravcik, C.L. Cooper, D.W. Cameron, D. Fergusson, J.B. Angel Institute(s): University of Ottawa and Ottawa Health Research Institute, Ottawa, Canada

CD-ROM

CDC0074	Sexual risk fueling the heterosexual HIV epidemic in the Russian Federation: Results of the Russian Polaris HIV Cohort Study Liviana Calzavara, N. Ladnaia, A. Burchell, E. Demainenko, M. Malysheva, E. Jukova, E. Perekhodchenko, V. Orekhovsky
CDB0464	Subcellular localization and functional activity of P-gp in brain cellular targets of HIV-1 infection: Role in antiretroviral drug resistance. Karlo Babakanian and Reina Bendayan
CDD0730	HIV Rehabilitation Services Provision: A National Survey Based on the World Health Organization (WHO) International Classification of Functioning, Disability and Health (ICF) O'Brien, K., Worthington, C., Myers, T., Cockerill, R., Nixon, S., and Bereket, T.
CDC0120	Beyond needles: the scientific evidence to scale-up harm reduction for injection drug users (IDUs) by distributing additional injection-related equipment Leonard, L.E., University of Ottawa
CDC1364	"I inject less as I have easier access to pipes": Frequency of injecting declines, frequency of sharing crack-smoking materials declines as needle exchange distributes safer crack-smoking tools Leonard, L.E., University of Ottawa
CDD1208	Promoting equity in access to future HIV vaccines among black women in Canada: sisters, mothers, daughters & aunts Newman P.A. ¹ , Williams C. ¹ , Massaquoi N. ² , Brown M. ¹ , Sakamoto I. ¹ ¹ University of Toronto, Faculty of Social Work, Toronto, Canada, ² Women's Health in Women's Hands Community Health Centre, Toronto, Canada