

APRIL 13<sup>TH</sup> 2018

# HIV & AGING

## 2<sup>nd</sup> CANADIAN SYMPOSIUM

### SCIENTIFIC PROGRAMME

- 8:30** ◀ **INTRODUCTION** moderator *Madeleine Durand, MD, MSc, CHUM Research Center.*  
30' Aging with HIV: the community perspective.  
*Shari Margolese, Community research consultant.*
- RESULTS FROM THE CANADIAN HIV AND AGING STUDY - (PART 1)**
- 9:00** ◀ An Immunological Signature Associated with Subclinical Atherosclerosis in HIV-Infected Individuals  
15' + 5' Receiving ART.  
*Petronela Ancuta, PhD, CHUM Research Center.*
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- 9:20** ◀ Regulatory T cells and purinergic pathway in ART-treated adults with diagnosed atherosclerosis.  
15' + 5' *Mohammad-Ali Jenabian, PhD, Université du Québec à Montréal.*
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- 9:40** ◀ Age and Sex associated differential expression of the proinflammatory cytokine IL-32 in HIV-infected and  
15' + 5' treated aging subjects: A Potential marker for CVD.  
*Mohamed El-Far, PhD, CHUM Research Center.*
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- 10:00** ◀ Impact of aging on HIV reservoirs.  
15' + 5' *Nicolas Chomont, PhD, CHUM Research Center.*
- 10:20** ☕ **COFFEE BREAK**  
30'
- RESULTS FROM THE CANADIAN HIV AND AGING STUDY - (PART 2)**
- 10:50** ◀ Prevalence and Impact of on NK cells expansion in aging and cardiovascular disease in HIV.  
15' + 5' *Nicole Bernard, PhD, McGill University.*
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- 11:10** ◀ Elastography - a novel, non invasive technique to measure vessel aging.  
15' + 5' *Guy Cloutier, PhD, CHUM Research Center.*
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- 11:30** ◀ Moving beyond percent stenosis: novel CT markers of plaque vulnerability in HIV infection.  
15' + 5' *Carl Chartrand-Lefebvre, MD, FRCPC, CHUM Radiology Department.*
- 11:50** ⏸ **10 MINUTES BREAK - preparation for CRCHUM's conference**  
10'

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**12:00** ◀ Leukocyte reprogramming after severe inflammation.  
60' *Jean-Marc Cavaillon, Professor, Institut Pasteur, Paris.*

**13:00** ◉ **LUNCH**  
60'

## RESEARCH ON HIV AND AGING - FUTURE DIRECTIONS - (PART 1)

**14:00** ◀ Introduction to the session + moderator.  
5' *Cecile Tremblay, MD, CHUM Research Center.*

**14:05** ◀ Circadian control of the innate and adaptive immune responses: implications for infectious diseases.  
20' + 5' *Nicholas Cermakian, PhD, McGill University.*

**14:30** ◀ New insights from study of the microbiome in HIV.  
15' + 5' *Alan Landay, PhD, Rush University, Chicago.*

**14:50** ◀ How do we set an alarm on the biological clock?  
15' + 5' *Christos Tsoukas, MD, McGill University.*

**15:10** ☕ **COFFEE BREAK**  
30'

## RESEARCH ON HIV AND AGING - FUTURE DIRECTIONS - (PART 2)

**15:40** ◀ Aging with HIV - women's perspectives, clinical and research experience from the oak tree clinic.  
20' + 5' *Neora Pick, MD, Oak Tree Clinic, Vancouver.*

**16:05** ◀ Presentation of the international HIV and Aging study group.  
20' + 5' *Eugenia Negredo Puigmal, MD, Universitat Autònoma de Barcelona.*

**16:30** ◀ Immune responses in HIV - insights from the UCD HIV Cohort Study.  
20' + 5' *Patrick Mallon, University College Dublin.*

**16:55** ◀ Closing remarks.  
5' *Madeleine Durand, MD, MSc, CHUM Research Center.*

**17:00** 👤 **GET TOGETHER**  
120'



the CTN  
CIHR Canadian  
HIV Trials Network

le Réseau  
Réseau canadien  
pour les essais VIH des IRSC

