



**INVESTIGATING  
DISEASE.  
IMPACTING  
HEALTH.**

## LMP – Research Half-Day

Organized in Partnership with Public Health Ontario

# “Vaccines of the Future Start Here”

Thursday, May 12, 2016 8:00 am – 12:00 noon

Medical Sciences Building, Room 2170, 1 King’s College Circle, University of Toronto

8:00 am - 8:30 am	Light Breakfast
8:30 am - 8:40 am	Welcome - Dr. Avrum Gotlieb, Professor and Interim Chair, LMP
8:40 am - 8:50 am	Introductory Remarks - Dr. Vanessa Allen Event Chair - Dr. Natasha Crowcroft

### PART I – Existing Vaccines

8:50 am – 9:10 am	Jonathan Gubbay Rotavirus genotypes circulating in Ontario, Canada, before and after the implementation of the immunization program, 2010-2013
9:10 am – 9:30 am	Alex Marchand-Austin A practical approach to Bordetella pertussis surveillance using short-read whole genome sequencing
9:30 am – 9:50 am	Tania Watts Generating long-lived cross protective T cell immunity to influenza virus
9:50 am – 10:10 am	Break

### PART II – Future Vaccines

10:10 am – 10:40 am	Justen Hoffman Russell The immune basis for Chickenpox and Zoster vaccine protection: Can we apply this to an HIV Vaccine?
10:40 am – 11:00 am	Nahuel Fittipaldi Capsular Switching and Emergence of Non-Vaccine Serotypes before Introduction of a Trivalent Group B Streptococcus Vaccine
11:00 am – 11:20 am	Scott Gray-Owen Engineered Antigens: Broadly protective sterilizing immunity from rationally designed protein-based vaccines
11:20 am – 11:40 am	Daniel Winer The adaptive immune system in obesity related insulin resistance: Is there a potential for a vaccine against insulin resistance?
11:40 am - 12:00 noon	Closing discussion



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