Emerging and Pandemic Infections Consortium Symposium

October 17, 2023 | Old Mill, Toronto

AGENDA

8:45 - 9:00 am	Opening remarks
Session #1: Emerging pathogen surveillance and response (Chair: Jennie Johnstone, Sinai Health)	
9:00 - 9:20 am	Silence = Death: How community engagement was central to research and public health during Ontario's mpox response **Darrell Tan, Unity Health Toronto**
9:20 - 9:40 am	Emerging infectious diseases threats during pregnancy: building systems of surveillance and response **Vanessa Allen, Sinai Health**
9:40 - 9:55 am	Alphacoronaviruses in bats in eastern Ontario, Canada **Jonathon Kotwa, Sunnybrook Research Institute**
9:55 - 10:15 am	Distributed, low-burden diagnostics: an emerging role for synthetic biology and low-cost hardware **Keith Pardee, University of Toronto**
10:15 - 10:35 am	Empowering communities: education and outreach in Toronto's Black community during the COVID-19 pandemic **Upton Allen, Hospital for Sick Children**
10:45 - 11:00 am	**COFFEE BREAK**
11:00 - 12:00 pm	Lightning round: Meet the new faculty members
12:00 - 1:00 pm	**LUNCH**
1:00 - 2:00 pm	Keynote: Lessons learned from reporting at the pandemic's front lines **Lauren Pelley, CBC**
2:00 - 3:00 pm	Panel discussion: Breaking the cycle of panic and neglect to create sustained readiness to infectious threats **Leah Cowen, Marisa Creatore, David Naylor, Lauren Pelley (moderator)**
3:00 - 3:15 pm	**COFFEE BREAK**
Session #2: Development and implementation of innovative countermeasures (Chair: John Brumell, Hospital for Sick Children)	
3:15 - 3:35 pm	Flow virometry: a new lens for virus-based therapies & vaccines **Christina Guzzo, University of Toronto**
3:35 - 3:55 pm	Bio-inspired surfaces to prevent microbial attachment **Ben Hatton, University of Toronto**
3:55 - 4:10 pm	Using stem cell-derived macrophages to combat pulmonary viral infections **Michael Litvack, Hospital for Sick Children**
4:10 - 4:30 pm	Lessons learned from studying T cell responses following SARS-CoV-2 infection or vaccination **Tania Watts, University of Toronto**
4:30 - 4:50 pm	Understanding COVID-19's inner workings and new treatment approaches **Haibo Zhang, Unity Health Toronto**
5:00 - 7:00 pm	**NETWORKING RECEPTION AND POSTER SESSION**