



Advances in the Biology & Management of COVID-19

May 30 – June 1, 2022

Hosted by: McGill Centre for Viral Diseases

Online class by zoom

[Register at McGill Summer Institute](#)

SPEAKERS:

**Drs. Arinjay Banerjee, Tim Evans, Emily Jenkins, Ling Kong,
Chen Liang, Emily McDonald, Jesse Papenburg, Leighanne
Parkes, Ciriaco Piccirillo, Blair Schwartz, Jesse Shapiro,
Giorgia Sulis, Brett Thombs, Brian Ward, Gerasimos Zaharatos**

Monday, May 30th

8:00 a.m. – 8:30 a.m.

Dr. Chen Liang, Director, McGill Centre for Viral Diseases

Dr. Gerasimos J Zaharatos, Associate Professor, Department of Medicine,
McGill University

Introduction

8:30 a.m. – 9:30 a.m.

Dr. Tim Evans, Director and Associate Dean, School of Population and Global
Health, McGill University

Public Health and COVID-19

9:30 a.m. – 10:30 a.m.

Dr. Chen Liang, Professor, Department of Medicine, McGill University

SARS-CoV-2 Biology

10:30 a.m. – 10:40 a.m.

Break

10:40 a.m. – 11:40 a.m.

Dr. Brian Ward, Professor, Department of Medicine, McGill University

COVID Vaccine Biology

11:40 a.m. – 12:40 p.m.

Dr. Giorgia Sulis, Postdoctoral Researcher, Department of
Epidemiology, Biostatistics & Occupational Health, McGill University

The COVID-19 vaccine landscape: challenges and current progress

Tuesday, May 31st

8:30 a.m. – 9:30 a.m.

Dr. Gerasimos J Zaharatos, Associate Professor, Department of Medicine,
McGill University

SARS-CoV-2 diagnostics

9:30 a.m. – 10:30 a.m.

Dr. Jesse Shapiro, Associate Professor, Department of Microbiology and
Immunology, McGill University

Dr. Ciriaco Piccirillo, Professor, Department of Microbiology and Immunology,
McGill University

Evolution viral genomics and immunology

10:30 a.m. – 10:40 a.m.

Break

10:40 a.m. – 11:40 a.m.

Dr. Emily Jenkins, Professor, Department of Veterinary Microbiology,
University of Saskatchewan

Dr. Arinjay Banerjee, Assistant Professor, Department of Veterinary
Microbiology, University of Saskatchewan

Cross-species transmission of SARS-CoV-2

11:40 a.m. – 12:40 p.m.

Dr. Leighanne Parkes, Assistant Professor, Department of Medicine, McGill
University

*COVID-19 Update: How two years has shaped our understanding of respiratory
virus infection control*

Wednesday, June 1st

8:30 a.m. – 9:30 a.m.

Dr. Brett Thombs, Professor, Department of Psychiatry, McGill University

Mental Health in COVID-19: Evidence from an Ongoing Systematic Review

9:30 a.m. – 10:30 a.m.

Dr. Emily McDonald, Associate Professor, Department of Medicine, McGill
University

Out-patient management of COVID-19

10:30 a.m. – 10:40 a.m.

Break

10:40 a.m. – 11:40 a.m.

Dr. Blair Schwartz, Associate Professor, Department of Medicine, McGill
University

Dr. Ling Kong, Assistant Professor, Department of Medical Microbiology,
McGill University

*Out of the Pan, and into the Inflammatory Fire: COVID-19 Management in the
ICU*

11:40 a.m. – 12:40 p.m.

Dr. Jesse Papenburg, Assistant Professor, Department of Pediatrics, McGill
University

COVID-19 in children