



Celebration of Excellence & Engagement  
Célébrons l'excellence et l'engagement

#COEE2021

NOV 15-21

Presented by McGill University  
Présenté par l'Université McGill

## **Lessons from COVID-19**

***Thursday, November 18, 2021***

*A Symposium organized by McGill University for the Royal Society of Canada*

The subject of the symposium is the biological, medical and other knowledge that has been obtained through the unprecedented response from the scientific community to COVID-19, and the lessons for future science policy. COVID-19 has led to an unparalleled engagement from the scientific, medical, public health and pharmaceutical industries to combat the pandemic. The many successes include the development of new therapies and vaccines in record time, but the complicated and severe sequelae of the disease are likely to remain as significant health problems for many years to come. Important scientific questions, such as the degree and duration of protection after vaccination in the face of new virus mutation, remain to be addressed. The pandemic has also revealed important issues about public policy, scientific preparedness and need for on-going investment in science to meet future needs. These and other issues will be examined during the symposium.

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TIME	EVENT	PANELISTS
<i>Introduction</i>		
8:45am - 8:55am	Welcome and Overview	Martha Crago, Vice-Principal (Research and Innovation), McGill University
8:55am - 9:00am	RSC Welcoming Remarks	Jeremy McNeil, President of the Royal Society of Canada
<i>Session 1</i>		
<b>Moderator</b>	Amélie Quesnel-Vallée, Canada Research Chair in Policies and Health Inequalities, McGill University	
9:00am - 9:35am	Social and Behavioural Aspects of the Pandemic	Melinda Mills, Director of the Leverhulme Centre for Demographic Science, University of Oxford, UK
9:35am - 9:45am	<i>Break</i>	
<i>Session 2</i>		
<b>Moderator</b>	Philippe Gros, Deputy Vice-Principal, Research and Innovation, McGill University	
9:45am - 11:05am	Life Sciences Strategy for the UK, and its Impact on COVID	John Bell, Regius Professor of Medicine, University of Oxford, UK
	Life Sciences Strategy in Canada in Response to the COVID Pandemic	Mona Nemer, Chief Science Advisor of Canada
11:05am-11:15am	<i>Break</i>	
<i>Session 3</i>		
<b>Moderator</b>	Bruce Mazer, Professor and Head, Department of Pediatrics, Faculty of Medicine and Health Sciences, McGill University	
11:15am -12:25pm	COVID-19 Genomics UK Consortium (COG-UK): A national strategy for integrating genomics into public health responses to infectious disease	Sharon Peacock, University of Cambridge and head of COG-UK
	Biobanque québécoise de la COVID-19	Vincent Mooser, Canada Excellence Research Chair in Genomic Medicine and Director of the Biobanque québécoise de la COVID-19, Canada
	COVID-19 in Israel	Galia Rahav, Head of Infectious Disease, Sheba Medical Center, Ramat Gan, Israël
12:25pm - 1:00pm	<i>Break</i>	

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#### Session 4

**Moderator** | Silvia Vidal, Director McGill University Research Centre on Complex Traits

1:00pm - 2:10pm	New Vaccines for a Safer World	Melanie Saville, Director Vaccine Research and Development, Coalition for Epidemic Preparedness Innovations
	The Host Genome in COVID-19, and Future Genetic Studies in Canada	Steve Scherer, Chief of Research, The Hospital for Sick Children, Toronto, Canada

2:10pm - 2:20pm *Break*

#### Session 5

**Moderator** | Vincent Mooser, Canada Excellence Research Chair in Genomic Medicine and Director of the Biobanque québécoise de la COVID-19

2:20pm - 3:30pm	Impact of the UK Biobank on Biomedical Research Including COVID-19	Rory Collins, Head, Nuffield Department of Population Health, University of Oxford, and Chief Executive of UK Biobank
	Policy and Data in the Era of COVID	Bartha Knoppers, Director, Centre for Genomics and Policy, McGill University, Canada

3:30pm - 3:35pm *Break*

#### Session 6

**Moderator** | Jesse Shapiro, Principal investigator and Associate professor, McGill Genome Centre and Department of Microbiology & Immunology, McGill University, Canada

3:35pm - 4:45pm	Response to COVID in Africa	Charles Rotimi, NIH Distinguished Investigator, Bethesda, USA
	Combining Epidemiology, Genomics and Computation: To investigate SARS-CoV-2 and other deadly pathogens	Kristian Andersen, Scripps Research Institute, La Jolla, USA

#### Closing

4:45pm - 5:00pm Closing Remarks | Mark Lathrop, McGill University, Canada

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