

**SARS-CoV-2 antibodies:
Prospects for therapy, vaccines and return to work
Massachusetts Consortium for Pathogen Readiness**

Friday April 17, 2020

7:30-9:00 AM EDT

Live Stream:

<https://partners-source.mediasite.com/mediasite/Play/e6a249b266db409089ced386e802b0f41d>

- 7:30 Bruce Walker, MD**
Co-Faculty Chair, MassCPR/Ragon Institute of MGH, MIT and Harvard
Introduction to MassCPR and Symposium Goals
- 7:35 Michael Mina, MD, PhD**
MassCPR/Harvard TH Chan School of Public Health
COVID-19 epidemiology and the role and limitations of PCR and serology
- 7:42 Galit Alter, PhD**
MassCPR/Ragon Institute of MGH, MIT and Harvard
Tools to define protective humoral responses to SARS-CoV-2
- 7:49 David Walt, PhD**
MassCPR/Wyss Institute for Biologically Inspired Engineering
Development of an ultrasensitive single molecule seroconversion assay
- 7:56 Linqi Zhang, PhD**
Tsinghua University
Human neutralizing antibodies to SARS-CoV-2
- 8:03 Jincun Zhao, PhD**
Guangzhou Institute for Respiratory Health
Kinetics of viral load, antibody responses and COVID-19 disease severity
- 8:10 Megan Murray, MD, MPH, ScD**
MassCPR/Harvard TH Chan School of Public Health
Population Sero-surveillance studies
- 8:17 Q & A**
- 8:55 Arlene Sharpe**
Co-Faculty Chair, MassCPR/Evergrande Center for Immunologic Disease, HMS
Closing comments
- 9:00 Adjourn**