



The Coronavirus Outbreak

Friday, April 3, 2020
11:00 am - 5:00pm ET

- 11:00-11:05 Susan Weiss: Introduction
- 11:05-12:00 Presentation for nonscientists:

Ronald Collman :“Introduction to Coronavirus
and the Penn Community Response”
- 12:00-1:00 Lunch
- 1:00-1:05 Frederic Bushman: Introduction
- 1:00-2:00 Susan Weiss: “Coronavirus Replication and Immune Evasion”
- 2:00-3:00 Stanley Perlman: “The SARS-CoV-2 Epidemic”
- 3:00-3:30 Paul Bates: “Entry of Coronaviruses into Cells”
- 3:30-4:50 Session: 10 minute speed talks. All questions at end.

Henry Li: “Coronavirus-host Cell Interactions”
Sara Cherry: “Discovery Pipeline for Antivirals Against SARS-CoV-2”
David Weiner: “Synthetic DNA as a Vaccine Approach for EID: A Focus on
Coronaviruses”
Norbert Pardi: “Development of Nucleoside-modified mRNA Vaccines against
SARS-CoV-2”
Ian Frank: “Clinical Trials to Treat SARS-CoV-2 Infection”
Frederic Bushman: “Virus Structure-Transmission Patterns—the Unusual Case of
Coronaviruses”
Haim Bau: “Rapid, Isothermal Molecular Detection of SARS Co2”
Mike Levy: “Epidemiology of SARS-CoV-2 Infection”
- 4:50-5:00 Questions, Wrap Up