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