

NIH SARS-CoV-2 Antiviral Therapeutics Summit

Date: November 6, 2020 **Virtual Meeting**

Purpose: This summit will provide an overview of the current state of direct anti-coronaviral targets and therapeutics, available tools and challenges.

Agenda

11:00 AM – 11:20 AM **Introductory Comments**

- Dr. Francis Collins – Director, National Institutes of Health
- Dr. Anthony Fauci – Director, National Institute of Allergy and Infectious Diseases
- Dr. Christopher Austin – Director, National Center for Advancing Translational Sciences

11:20 AM – 11:40 AM **Overview of the Virus and Therapeutics Approaches**

- Dr. Mark Denison, Vanderbilt University

11:40 AM – 12:20 PM **Viral Replication Machinery. Moderator: Dr. Tomas Cihlar, Gilead Sciences**

- Dr. Elizabeth Campbell, Rockefeller University
- Dr. Matthias Götte, University of Alberta
- Dr. George Painter, Emory University
- Dr. Michael Sofia, Arbutus Biopharma, Inc.
- Dr. Sandra Weller, University of Connecticut

12:20 PM – 12:30 PM **Highlight on Status of Vaccines and Neutralizing Antibodies to Prevent and Treat SARS-CoV-2 Infection**

- Dr. Kizzmekia Corbett, Vaccine Research Center, National Institute of Allergy and Infectious Diseases

12:30 PM – 1:05 PM **Proteases (Viral and Host). Moderator: Dr. Annaliesa Anderson, Pfizer**

- LTC Charlotte Lanteri, Walter Reed Army Institute of Research
- Dr. Andrew Mesecar, Purdue University
- Dr. Jen Nwankwo, 1910 Genetics
- Dr. Celia Schiffer, University of Massachusetts Medical School

1:05 PM – 1:40 PM **Emerging Targets, Emerging Modalities. Moderator: Dr. Kara Carter, Evotec**

- Dr. David Baker, University of Washington
- Dr. Lillian Chiang, Evrys Bio
- Dr. Matthew Disney, Scripps Research
- Dr. Kumar Saikatendu, Takeda Pharmaceuticals
- Dr. Marla Weetall, PTC Therapeutics, Inc.

1:40 PM – 2:15 PM

Preclinical Tools. Moderator: Dr. Pei-Yong Shi, University of Texas Medical Branch

- Dr. Sara Cherry, University of Pennsylvania
- Dr. Emmie de Wit, National Institute of Allergy and Infectious Diseases/Rocky Mountain Laboratories
- Dr. Jules O'Rear, US Food and Drug Administration
- Dr. Timothy Sheahan, University of North Carolina
- Dr. Hugh Smyth, University of Texas at Austin

2:15 PM – 2:50 PM

Lessons from Other Viruses and Preparation for the Future. Moderator: Dr. Daria Hazuda, Merck

- Dr. Jay Bradner, Novartis
- Dr. Courtney Fletcher, University of Nebraska Medical Center
- Dr. Frederick Hayden, University of Virginia
- Dr. Hilary Marston, National Institute of Allergy and Infectious Diseases

2:50 PM – 3:10 PM

Summary of Discussions and Perspectives on the Challenges Ahead

- Dr. Richard Whitley, University of Alabama at Birmingham
- Dr. George Painter, Emory University

3:10 PM – 3:30 PM

Closing Statement

- Dr. Francis Collins – Director, National Institutes of Health