

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Committee on Addressing Issues of Vaccine Distribution and Supply
Chains to Advance Pandemic and Seasonal Influenza Preparedness
and Response**

April Meeting Agenda

April 23, 2021: 9:30 am ET – 12:00 pm ET

April 27, 2021: 11:30 am ET – 12:30 pm ET

April 30, 2021: Closed Session for Committee Members Only

Location: Virtual

Meeting Objectives

- Hear varying perspectives on the critical inputs necessary for pandemic and seasonal influenza vaccine manufacturing
- Learn about the feasibility, scale-up, and adaptability of vaccine technologies for multiple products
- Better understand vaccine information systems and considerations for equitable vaccine distribution
- Identify information needed to draw conclusions and make recommendations

Friday, April 23, 2021

OPEN SESSION

9:30 a.m. **Welcome**

RAVI ANUPINDI, *Committee Chair*

Colonel William G. and Ann C. Svetlich Professor of Operations Research and
Management Chair

President's Advisory Committee on Labor Standards and Human Rights
University of Michigan

SESSION I CRITICAL INPUTS FOR VACCINE MANUFACTURING

Speakers will share their perspective on the critical inputs necessary for vaccine manufacturing.

9:35 a.m. ROBERT JOHNSON
Director, Influenza and Emerging Infectious Diseases Division
Biomedical Advanced Research and Development Authority

MICHAEL ANGELASTRO
Lead Interdisciplinary Scientist
Biomedical Advanced Research and Development Authority

9:50 a.m. **Q & A Discussion with Committee**

10:05 a.m. SAI PRASAD
President of Quality Operations
Bharat Biotech International Ltd.

10:20 a.m. **Q & A Discussion with Committee**

10:35 a.m. WILLIAM JAY TREAT
Chief Manufacturing Officer & Principal Investigator
Center for Innovation in Advanced Development & Manufacturing
Texas A&M University

10:50 a.m. **Q & A Discussion with Committee**

Moderator

MATTHEW DOWNHAM
Sustainable Manufacturing Lead
Coalition for Epidemic Preparedness Innovations

11:05 a.m. **BREAK**

SESSION II NOVEL TECHNOLOGIES FOR INFLUENZA VACCINE MANUFACTURING

Speakers will discuss how novel technologies and advances in translational research and science, derived from the ongoing COVID-19 pandemic have the potential to be adapted to scale-up and sustain influenza vaccine manufacturing capacities.

11:10 a.m. Technology Scale-Up and Adaptability

LYN MORGAN
Senior Director Global Public Affairs, Vaccines
Sanofi Pasteur

SURESH JADHAV
Executive Director
Serum Institute of India

PATRICK TIPPOO
Head of Science and Innovation
Biovac Institute

Moderator

RICK BRIGHT
Senior Vice-President, Pandemic Preparedness
Rockefeller Foundation

11:40 a.m. Q & A Discussion with Committee

12:00 p.m. ADJOURN

Tuesday, April 27, 2021

OPEN SESSION

11:30 a.m. **Welcome & Recap of Day 1**

RAVI ANUPINDI, *Committee Chair*
Colonel William G. and Ann C. Svetlich Professor of Operations Research and
Management Chair
President's Advisory Committee on Labor Standards and Human Rights
University of Michigan

11:35 a.m. **Key Considerations for Vaccine Distribution**

PINAR KESKINOCAK
William W. George Professor and Chair
School of Industrial and Systems Engineering
Georgia Institute of Technology

11:50 a.m. **Q & A Discussion with Committee**

12:00 p.m. **Vaccine Information Systems: Improvements Needed to Support Influenza**

SKYE GILBERT
Executive Director, Digital Square
PATH

12:15 p.m. **Q & A Discussion with Committee**

Moderator

PRASHANT YADAV, *Committee Vice-Chair*
Senior Fellow, Center for Global Development
Professor, INSEAD
Lecturer, Harvard Medical School

12:30 p.m. **ADJOURN OPEN SESSION**

Friday, April 30, 2021

CLOSED SESSION – COMMITTEE MEMBERS ONLY