



MEETING AGENDA
ENGINEERING BIOLOGY FOR SCIENCE & INDUSTRY: ACCELERATING PROGRESS
April 17th, 2015

MORNING SESSION

- 8:00 – 8:15** **Welcome to the Sloan Foundation**
Paula Olsiewski, Alfred P Sloan Foundation
- 8:15 – 9:15** **State of the Field: Industry Trends, Future Challenges and Potential Solutions**
George Church (Harvard Medical School)
Pramod Khargonekar and Theresa Good (National Science Foundation)
Jason Bobe (Personal Genomes, DIY Bio)
- 9:15 – 10:00** **Visions of the Future: Insights from the Next Generation of Scientific Leaders**
Moderator: Megan Palmer (Stanford/LEAP)
Harris Wang (Columbia University)
Farren Isaacs (Yale University)
David S. Kong (MIT Lincoln Laboratory)
Howard Salis (Pennsylvania State University)
Leslie Mitchell (NYU Langone Medical School)
- 10:00 – 10:15** **BREAK**
- 10:15 – 11:00** **Innovation Starts Here: Startup Companies that are Changing the World**
Moderator: Andras Forgacs (Modern Meadow)
Michael Koeris (Sample6)
Emily LeProust (Twist Bioscience)
Nina Tandon (Epibone)



11:00 – 12:00 **The Promise Delivered: Disruptive Innovation from Concept to Market**
Moderator: Steven Evans (DOW AgroSciences)
Stephen Herrera (Evolva)
Manmohan Singh (Novartis Vaccines and Diagnostics)
Melissa Rhoads (Lockheed Martin)

LUNCH

12:15 – 1:00 **H.R. 591: The Engineering Biology Research and Development Act of 2015**
Kim Montgomery (House Subcommittee on Research & Technology)

AFTERNOON SESSION

1:00 – 1:30 **Accelerating Progress: A Center of Excellence for Engineering Biology**
Nancy J Kelley, Nancy J Kelley & Associates

ROADMAPPING

1:30 – 2:30 **Responsible Innovation: Foundational and Applied Research**
Moderator: Virginia Cornish (Columbia University)
Devin Burrill (Wyss Institute)
Christopher Mason (Weill Cornell Medical College)
Megan Palmer (Stanford/LEAP)

2:30 – 3:15 **Infrastructure of the Commons: Defining and Building the Foundational Elements**
Moderator: Nancy J Kelley (Nancy J Kelley & Associates)
Ari Patrinos (Synthetic Genomics)
Kevin Pang (Lux Research)
Kim Montgomery (House Subcommittee on Research & Technology)

3:15 – 3:30 **BREAK**



3:30 – 4:15

The Path Forward: Policy Solutions to Responsibly Advance the Field

Moderator: David Rejeski (Woodrow Wilson Center)
Lynn Bergeson (Bergeson & Campbell)
Paula Olsiewski (Alfred P Sloan Foundation)
Ken Oye (Massachusetts Institute of Technology)

4:15 – 5:00

Industry Engagement: Technology Development, Applied Research and Commercialization

Moderator: Sal Russello (New England Biolabs)
Andrew Hessel (Autodesk)
Kevin Munnely (Gen 9)
Rachel Haurwitz (Caribou Biosciences)

5:00 – 5:45

A Foundation of Trust: Content, Community and Public Engagement

Moderator: Marcia Kean (Feinstein Kean)
Natalie Kuldell (Biobuilder)
Ellen Jorgensen (Genspace)
Lee Hotz (Wall Street Journal)
David Rejeski (Woodrow Wilson Center)
Nicole Rusk (Nature Methods)

WRAP-UP AND NEXT STEPS

5:45 – 6:00

Nancy J Kelley

6:00

Wine Reception (Alfred P Sloan Foundation)





OTHER INVITED PARTICIPANTS

Spencer Adler (Bioeconomy Capital)
Adrienne Burke (Techonomy)
Simone Ross (Techonomy)
Tracy Lessor (Feinstein Kean)
Kadi Davis (Markle Foundation)
Dusan Perovic (Two Sigma Ventures)
Mohammad Islam (DFJ Ventures)
Gilonne d'Origny (New Harvest)
Isha Datar (New Harvest)
John Inglis (Cold Spring Harbor Laboratory)
Daniel Grushkin (Biodesign Challenge)
Mark Merrill (Griffin Capital)
Aidan Apel, NJK&A
Robyn Beliveau, NJK&A

