

# Forum on Synthetic Biology

## Inaugural Meeting

The National Academies' Keck Center  
Room 201  
500 Fifth Street, NW  
Washington, DC 20001  
20-21 October 2013

### Agenda

*Sunday, 20 October 2013*

|           |                                 |
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| 7:00 p.m. | Closed Working Committee Dinner |
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*Monday, 21 October 2013*

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| Open Session |
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| 8:00 a.m. | Breakfast |
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| 8:45 | Welcome and Introductions |
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Forum Co-chairs

Vicki L. Chandler, Gordon and Betty Moore Foundation  
Richard M. Murray, California Institute of Technology

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| 9:00 | Forum Purpose and Goals |
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Speaker: Paula Olsiewski, Alfred P. Sloan Foundation

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| 9:15 | Private Sector Activity in Synthetic Biology |
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Speakers: Jack Newman, Amyris, Inc.

Philip R. Dormitzer, Novartis Vaccines and Diagnostics

Rina Singh, Biotechnology Industry Organization (BIO)



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| 10:15 | Investment Strategies for Synthetic Biology |
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Speakers: Antony Evans, Glowing Plant  
Denver Dale, On-Point Capital

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| 10:45 | Challenges for Young Researchers |
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Speaker: Megan J. Palmer, The Synthetic Biology Leadership Excellence Accelerator Program (LEAP)

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| 11:15 | Break |
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| 11:30 | Synthetic Biology Research Activities at Federal Agencies: Pressing Needs, Pressing Challenges |
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Speakers:

White House Office of Science and Technology Policy

Robbie Barbero, Technology and Innovation Division

U.S. Department of Agriculture

Catherine Woteki, Office of the Chief Scientist

U.S. Department of Commerce

Marc Salit, National Institute of Standards and Technology

U.S. Department of Defense

Alicia Jackson, Defense Advanced Research Projects Agency

Linda A. Chrisey, Office of Naval Research

U.S. Department of Energy

Pablo Rabinowicz, Office of Science

U.S. Department of Health and Human Services

Barbara Gerratana, National Institute of General Medical Sciences, National Institutes of Health

National Science Foundation

Sohi Rastegar, Office of Emerging Frontiers in Research & Innovation,  
Directorate for Engineering

Susanne von Bodman, Division of Molecular and Cellular Biosciences

Friedrich Srienc, Biotechnology, Biochemical and Biomass Engineering Program

Theresa Good, Division of Molecular and Cellular Biosciences

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| 1:00 p.m. | Lunch |
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Speaker: Jon Hoekstra, World Wildlife Fund (*via videoconference*)

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| 2:00 | The Oversight of Synthetic Biology by Regulatory Agencies |
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Speakers:

U.S. Department of Agriculture

Alan Pearson, Biotechnology Regulatory Service/Animal and Plant Health  
Inspection Service

U.S. Environmental Protection Agency

Mark Segal, Office of Pollution Prevention and Toxics

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| 3:00 | Synthetic Biology and National Security |
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Speakers:

U.S. Department of Health and Human Services

Jessica Tucker, Office of Policy and Planning, Office of the Assistant Secretary for  
Preparedness and Response

U.S. Department of Homeland Security

Susan Coller-Monarez, Science and Technology Directorate

U.S. Department of Justice

William So, Federal Bureau of Investigation Weapons of Mass Destruction  
Directorate

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| 3:45 | Break |
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| 4:00 | The Asilomar Experience: The Oversight of Recombinant DNA and Lessons for Synthetic Biology |
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Speakers:

David Baltimore, California Institute of Technology (*via videoconference*)

David Relman, Stanford University and VA Palo Alto Health Care System

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| 5:00 | Comments from the Floor |
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| 5:30 | Adjourn |
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| 6:00 | Closed Working Committee Dinner |
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