



NATIONAL ACADEMY OF SCIENCES

# Forum on Synthetic Biology

The National Academies' Keck Center  
Room 208  
500 Fifth Street, NW  
Washington, DC 20001  
18-19 September 2014

## Agenda

**Thursday, 18 September 2014**

<b>Open Session</b>	
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9:00	<b>Breakfast</b>
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9:30	<b>Welcome and Introductions</b>
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Forum Co-chair

Richard M. Murray, California Institute of Technology

9:45	<b>The Growing Bioeconomy</b>
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Speakers: Thomas M. Connelly, Jr., E.I. du Pont de Nemours & Company and Chair,  
National Academy of Sciences' Committee on the Industrialization of Biology: A  
Roadmap to Accelerate Advanced Manufacturing of Chemicals

Mary Maxon, Science Philanthropy Alliance

Kaushik Sunder Rajan, University of Chicago

11:15	<b>Break</b>
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11:30	<b>Synthetic Biology and the U.S. Biotechnology Regulatory System</b>
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Speaker: Sarah Carter, J. Craig Venter Institute  
Robert Friedman, J. Craig Venter Institute – *via teleconference*

12:30	<b>Lunch</b>
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1:30	<b>FDA Oversight of Synthetic Biology</b>
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Speaker: Frank Weichold, Office of the Commissioner, U.S. Food and Drug Administration

Carolyn Wilson, Center for Biologics Evaluation and Research Organization, U.S. Food and Drug Administration

Jason Dietz, Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration

Larisa Rudenko, Center for Veterinary Medicine, U.S. Food and Drug Administration

2:30	<b>Synthetic Biology Research Activities at Federal Agencies: An Update</b>
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3:30	<b>Adjourn Open Session</b>
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<b>Open Session</b>	
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9:00 a.m.	<b>Breakfast/Welcome</b>
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Forum Co-chairs

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

9:15	<b>Artificial DNA in Living Cells</b>
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Speaker: Floyd Romesberg, The Scripps Research Institute

10:15	<b>Break</b>
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10:30	<b>Engaging the Public in an Emerging Technology – Gene Drives</b>
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Speaker: Kenneth Oye, Massachusetts Institute of Technology

11:30	<b>Adjourn Open Session</b>
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