

# NATIONAL SCIENCE ADVISORY BOARD FOR BIOSECURITY



NIH CAMPUS  
9000 Rockville Pike  
Building 31, 6C/Room 10  
Bethesda, MD



October 19, 2010

## MEETING AGENDA

- 8:30 a.m.                    **Welcome and Review of Conflict of Interest Rules**  
*Amy P. Patterson, M.D.*  
Acting Associate Director for Science Policy  
Office of the Director, NIH
- Paul I. Lewis, Ph.D.*  
Executive Director, NSABB  
Office of Biotechnology Activities  
Office of Science Policy, NIH
- 8:35 a.m.                    **Introductions**  
*Paul S. Keim, Ph.D.*  
Acting Chair, NSABB  
Division Director, Pathogen Genomics  
The Translational Genomics Research Institute  
Cowden Endowed Chair in Microbiology  
Northern Arizona University
- 8:55 a.m.                    **Approval of December 2009 Meeting Minutes**  
*Paul S. Keim, Ph.D.*
- 9:10 a.m.                    **Update of Relevant Federal Activities**
- 9:15 a.m.                    **Impetus for Report from National Research Council**  
*Mary E. Groesch, Ph.D.*  
Senior Advisor for Science Policy  
Office of Biotechnology Activities  
Office of Science Policy, NIH
- 9:20 a.m.                    **National Research Council Report “Sequence-Based Classification of  
Select Agents: A Brighter Line”**  
*Sean R. Eddy, Ph.D.*  
Member, Committee on Scientific Milestones for the Development of a  
Gene-Sequence-Based Classification System for the Oversight of Select  
Agents, National Research Council  
Group Leader, Janelia Farm  
Howard Hughes Medical Institute

- 10:00 a.m.                    **Screening Framework Guidance for Providers of Synthetic Double-Stranded DNA**  
*Jessica M. Tucker, Ph.D. (Contractor)*  
Supporting the U.S. Department of Health and Human Services
- 10:10 a.m.                    **NIH Guidelines to Address Synthetic Nucleic Acids**  
*Jacqueline Corrigan-Curay, J.D., M.D.*  
Executive Secretary, NIH Recombinant DNA Advisory Committee  
Acting Director  
Office of Biotechnology Activities, NIH
- 10:20 a.m.                    **US Government Deliberation on Dual Use Research Oversight: Status Update**  
*Mary E. Groesch, Ph.D.*
- 10:30 a.m.                    **Overview of Executive Order on Optimizing the Security of Biological Select Agents and Toxins in the United States**  
*Mary E. Groesch, Ph.D.*
- 10:45 a.m.                    Break
- 11:00 a.m.                    **Consideration of Advances in Synthetic Biology in Relation to the NSABB Report “Addressing Biosecurity Concerns Related to Synthetic Biology”: (1) Emerging Scientific Advances and (2) Creation of a Bacterial Cell Controlled by a Chemically Synthesized Genome**  
*David A. Relman, M.D.*  
Professor of Microbiology & Immunology and of Medicine  
Stanford University
- 11:45 a.m.                    Lunch
- 12:15 p.m.                    **NSABB Activities**  
*Paul I. Lewis, Ph.D.*
- 12:25 p.m.                    **NSABB Culture of Responsibility Working Group**  
*Paul S. Keim, Ph.D.*  
Co-Chair, NSABB Working Group on Culture of Responsibility  
  
*Stanley M. Lemon, M.D.*  
Co-Chair, NSABB Working Group on Culture of Responsibility  
Professor, Division of Infectious Diseases  
UNC School of Medicine
- 1:15 p.m.                    **NSABB International Engagement Working Group**  
*Stuart Levy, M.D.*  
Co-Chair, NSABB Working Group on International Engagement  
Director, Center for Adaptation Genetics & Drug Resistance  
Tufts University School of Medicine

- 2:00 p.m.                    **NSABB Outreach and Education Working Group**  
*Michael Imperiale, Ph.D.*  
Co-Chair, NSABB Working Group on Outreach and Education  
Professor, Department of Microbiology and Immunology  
University of Michigan
- Christine M. Grant, J.D.*  
Co-Chair, NSABB Working Group on Outreach and Education  
CEO/Founder, InfecDetect Rapid Diagnostic Tests, LLC
- 2:30 p.m.                    Break
- 2:40 p.m.                    **NSABB Journal Review Policies Working Group**  
*Arturo Casadevall, M.D., Ph.D.*  
Co-Chair, NSABB Working Group on Journal Review Policies  
Professor and Chairman, Department of Microbiology and Immunology  
Albert Einstein School of Medicine
- Jeffery F. Miller, Ph.D.*  
Co-Chair, NSABB Working Group on Journal Review Policies  
Professor and Chair, Department of Microbiology, Immunology and Molecular  
Genetics, David Geffen School of Medicine  
University of California – Los Angeles
- 3:05 p.m.                    **NSABB Codes of Conduct Working Group**  
*Kenneth I. Berns, M.D., Ph.D.*  
Co-Chair, NSABB Working Group on Codes of Conduct  
Director of Genetics Institute  
University of Florida
- Andrew A. Sorensen, Ph.D., M.P.H.*  
Co-Chair, NSABB Working Group on Codes of Conduct  
Senior Vice President for Development  
Special Assistant to the President for Advancement  
President of the Ohio State University Foundation  
The Ohio State University
- 3:30 p.m.                    **Public Comment**
- 3:45 p.m.                    **Member Activities**
- 4:00 p.m.                    **Next Steps**  
*Paul S. Keim, Ph.D.*
- 4:15 p.m.                    **Adjourn**  
*Amy P. Patterson, M.D.*  
*Paul I. Lewis, Ph.D.*