Gain-of-Function Research: The Second Symposium Agenda

National Academy of Sciences Building
2101 Constitution Avenue NW
Washington, DC 20418
March 10-11, 2016

Thursday, March 10: Overview and Context

8:00am **Registration**
(coffee and tea will be served)

8:45 **Welcome and Opening Remarks**
Moderator: Harvey Fineberg, Symposium Planning Committee Chair

Ralph J. Cicerone, President, National Academy of Sciences
Margaret Hamburg, Foreign Secretary, National Academy of Medicine
Jo Handelsman, Office of Science and Technology Policy
Carrie Wolinetz, National Institutes of Health

9:15 **Overview of the Draft NSABB Policy Framework and Key Policy Questions**
Moderator: Harvey Fineberg, Symposium Planning Committee Chair

Overview of the NSABB Working Paper
Samuel Stanley, Stony Brook University and NSABB Chair
Harvey Fineberg, Symposium Planning Committee Chair

Open Discussion

10:45 **Break**

11:15 **Informing the Policy Framework: The Risk/Benefit Assessment**
Moderator: Charles Haas, Symposium Planning Committee Member

Lessons from the Risk/Benefit Assessment
Rocco Casagrande, Gryphon Scientific

Comments
Louis (Tony) Cox, Cox Associates
Adam Finkel, University of Pennsylvania
Kara Morgan, Battelle

Open Discussion

12:45 **Lunch**
(seating available in the West Court and Members Room - follow signs)

1:45 **The Policy Landscape: United States**

Moderator: Michelle Mello, Symposium Planning Committee Member

Discussants

Gerald Epstein, Department of Homeland Security
Richard Frothingham, Duke University
Lawrence Kerr, Department of Health and Human Services
Philip Potter, St. Jude Children's Research Hospital

Open Discussion

3:15 **Break**

3:45 **The Policy Landscape: International Dimensions of GOF Research**

Moderator: Barry Bloom, Symposium Planning Committee Member

Discussants

Ruxandra Draghia-Akli, European Commission
Keiji Fukuda, World Health Organization
Volker ter Meulen, European Academies Science Advisory Council
Silja Vöneky, University of Freiburg and German Ethics Council

Open Discussion

5:15 **Adjourn**

Reception follows in the Great Hall - all participants welcome

Friday, March 11: Digging Deeper - Key Issues for U.S. Policy Choices

8:30am **Registration**
(coffee and tea will be served)

9:00 **Informing Policy Design: Insights from the Science of Safety and the Science of Public Consultation**
Moderator: Baruch Fischhoff, Symposium Planning Committee Member

Discussants
Ruthanne Huising, McGill University
Gavin Huntley-Fenner, Huntley-Fenner Advisors
Monica Schoch-Spana, UPMC Center for Health Security

Open Discussion

10:30 **Break**

11:00 **Best Practices to Inform National Policy Design and Implementation: Perspectives of Key Stakeholders in the Biomedical and Public Health Communities**
Moderator: Philip Dormitzer, Symposium Planning Committee Member

Discussants
Michael Callahan, Massachusetts General Hospital and Harvard Medical School
Robert Fisher, U.S. Food and Drug Administration
Jonathan Moreno, University of Pennsylvania
Ethan Settembre, Seqirus

Open Discussion

12:30 **Lunch**
(seating available in the West Court and Members Room - follow signs)

1:30 **International Governance: Opportunities for Harmonizing GOF Research Policy and Practice**
Moderator: Ronald Atlas, Symposium Planning Committee Member

Discussants
Nisreen AL-Hmoud, Royal Scientific Society of Jordan
George F. Gao, Chinese Academy of Sciences and China CDC
Gabriel Leung, University of Hong Kong
Michael Selgelid, Monash University
Herawati Sudoyo, Indonesian Academy of Sciences and Eijkman Institute for Molecular Biology

Open Discussion

3:00 **Break**

3:30 **Summing Up**
Moderator: Harvey Fineberg, Symposium Planning Committee Chair

Summary Remarks
Brief remarks from the moderators of the plenary sessions to summarize what emerged from the discussions during the symposium to inform the NSABB's recommendations and the U.S. government's policy choices.

Open Discussion

Concluding Remarks
Harvey Fineberg, Symposium Planning Committee Chair

5:00 **Adjourn**