First Meeting

August 13, 2019

National Academy of Sciences Building
Lecture Room and Room 125 (Overflow)
2101 Constitution Avenue, NW
Washington, DC 20418

AGENDA

Meeting Objectives:

To understand study goals
To obtain information to assist in addressing study's Statement of Task

These sessions are open and on the record; they will be webcast. All times are EDT.

8:30 AM Welcome and Introductions - Commission Co-chairs

Kay E. Davies, Ph.D., Dr Lee’s Professor of Anatomy, University of Oxford
Richard P. Lifton, M.D., Ph.D., President, The Rockefeller University

8:40 AM Discussion of the Commission’s Statement of Task

Welcome and Presentation of the Task from the Co-Chairs of the International Oversight Board

Victor Dzau, M.D., President, National Academy of Medicine
John Skehel, Ph.D., Vice-President and Biological Secretary, UK Royal Society

Perspectives from Organizations Providing Financial Support for the Commission

Carrie Wolinetz, Ph.D., Chief of Staff and Associate Director for Science Policy, US National Institutes of Health

9:20 AM Presentation by World Health Organization (WHO) Expert Advisory Committee on Developing Global Standards for Governance and Oversight of Human Genome Editing

Margaret Hamburg, M.D., Co-chair of WHO Expert Advisory Committee and National Academy of Medicine Foreign Secretary

9:50 AM Break
10:10 AM  Discussion of the State of Understanding of Genetics and Genetic Manipulation  
Session Moderator: Eric Lander, Ph.D., President and Founding Director  
Broad Institute of MIT and Harvard  

Aravinda Chakravarti, Ph.D., Director, Center for Human Genetics and Genomics, New York University School of Medicine  
Sarah Teichmann, Ph.D., Head of Cellular Genetics and Senior Group Leader, Wellcome Sanger Institute – via videoconference  
Chad Cowan, Ph.D., Assistant Professor of Medicine, Harvard Stem Cell Institute  
Britt Adamson, Ph.D., Assistant Professor of Molecular Biology, Princeton University  

12:00 PM  Lunch (box lunches will be available for attendees)  

1:00 PM  Translational Pathways from Laboratory to Therapy: Somatic Genome Editing, Perspectives from the Field  
Session Moderator: Anna Wedell, M.D., Ph.D., Professor and Head of the Centre for Inherited Metabolic Diseases, Karolinska Institute  

Matthew Porteus, M.D., Ph.D. Professor of Pediatrics, Stanford University  
Sandy Macrae, Ph.D. President and Chief Executive Officer, Sangamo Therapeutics  
Bruce Levine, Ph.D., Barbara and Edward Netter Professor in Cancer Gene Therapy, University of Pennsylvania  
Vic Myer, Ph.D., Chief Technology Officer, Editas Medicine  

2:45 PM  Break  

3:10 PM  Translational Pathways from Laboratory to Therapy: Somatic Genome Editing, Perspectives from Regulatory Bodies  
Session Moderator: Robert Califf, M.D., Professor of Cardiology and Professor of Medicine, Duke University and Advisory, Verily Life Sciences  

Denise Gavin, Ph.D. Office of Tissues and Advanced Therapies, US Food and Drug Administration  

4:00 PM  Translational Pathways from Laboratory to Therapy: Somatic Genome Editing, Perspectives from Potential Patient Communities  
Session Moderator: Susan Golombok, Ph.D., Professor and Director of the Centre for Family Research, University of Cambridge  

Sharon Terry, President and CEO, Genetic Alliance  
Sarah Norcross, Director, Progress Educational Trust – via videoconference  

5:00 PM  Public Comment Period  

5:30 PM  Adjourn Open Session