

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Information Gathering Meeting
for the Planning Committee Organizing the
International Summit on Human Gene Editing**

Convened by:

**The Chinese Academy of Sciences (CAS), The Royal Society (RS),
The U.S. National Academy of Sciences (NAS),
and The U.S. National Academy of Medicine (NAM)**

**Lecture Room
National Academy of Sciences Building
2101 Constitution Avenue, NW
Washington, DC 20418**

October 5, 2015

Agenda

OPEN SESSION

9:00 am

Welcome, Introductions, and Purpose of Meeting

Summit Planning Committee Chair David Baltimore, California Institute of Technology

9:15 am

Session I: Background and Historical Perspectives on Embryo and Gene Manipulation

Speakers:

Robin Lovell-Badge,* The Francis Crick Institute
Jane Maienschein, Arizona State University

9:50 am

**Discussion with Summit Planning Committee and the Advisory Group for NAS/NAM
Initiative on Human Gene Editing**

10:30 am	Break
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10:45 am	Session II: Gene Editing Technologies
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Speakers:

Jennifer Doudna,* University of California, Berkeley
George Church, Harvard Medical School
Feng Zhang, Broad Institute of MIT and Harvard

11:30 am	Discussion with Summit Planning Committee and the Advisory Group for NAS/NAM Initiative on Human Gene Editing
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12:00 pm	Lunch
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1:00 pm	Session III: Measuring Off-Target Events, Efficiency, and Utility
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Speakers:

Richard Frock, Harvard University
Chad Cowan, Harvard University
Fyodor Urnov, Sangamo BioSciences

1:45 pm	Discussion with Summit Planning Committee and the Advisory Group for NAS/NAM Initiative on Human Gene Editing
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2:15 pm	Break
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2:30 pm	Session IV: Overview of Chinese Gene Editing Research and Policy
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Speakers:

Duanqing Pei,* Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences
Qi Zhou,* Institute of Zoology, Chinese Academy of Sciences

3:00 pm	Discussion with Summit Planning Committee and the Advisory Group for NAS/NAM Initiative on Human Gene Editing
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3:30 pm	Break
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3:45 pm	Session V: Approaches to Treat, Avoid, and Prevent Genetic Disease
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Speakers:

Nancy Wexler, ** Columbia University

George Daley, * Boston Children's Hospital and Dana-Farber Cancer Institute

4:15 pm	Discussion with Summit Planning Committee and the Advisory Group for NAS/NAM Initiative on Human Gene Editing
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4:45 pm	Public Comments
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Advance Registration Required

5:30 pm	Adjourn Open Session
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*Member of Summit Planning Committee

**Member of Advisory Group for NAS/NAM Initiative on Human Gene Editing