



MEETING AGENDA

Enhanceropathies: Enhancer Function Variation in Animal Development, Morphological Variation, and Disease

March 19-22, 2017

The Banbury Center, Lloyd Harbor, New York

This meeting was organized by

Michael Levine, Princeton University

Joanna Wysocka, Stanford University

and generously funded by the

Cold Spring Harbor Laboratory Corporate Sponsor Program

SUNDAY, MARCH 19

Afternoon Arrivals and check-in at Robertson House

6:00 pm Reception and dinner

MONDAY, MARCH 20

7:30 am Breakfast

9:00 am **Welcoming Remarks, Meeting Objectives**

Rebecca Leshan, The Banbury Center

Michael Levine, Princeton University

Joanna Wysocka, Stanford University

9:15 am **SESSION 1: Enhancer Variation in Development and Evolution**

Chairperson: Michael Levine, Princeton University

Emma Farley, University of California, San Diego

David Stern, Janelia Research Campus, HHMI

Eileen Furlong, European Molecular Biology Laboratory

Charles Danko, Cornell University



11:50 am **General Discussion**

12:30 pm Luncheon

2:00 pm **SESSION 2: General Mechanisms of Enhancer Function**

Chairperson: Christine Rushlow, New York University

Joanna Wysocka, Stanford University

Alexander Stark, Research Institute of Molecular Pathology

Michael Levine, Princeton University

Karen Adelman, Harvard Medical School

Richard Young, Whitehead Institute for Biomedical Research

5:05 pm **General Discussion**

6:00 pm Reception and dinner

TUESDAY, MARCH 21

7:30 am Breakfast

9:00 am **SESSION 3: Transcription Factors**

Chairperson: Alexander Stark, Research Institute of Molecular Pathology

Harmen Bussemaker, Columbia University

Christine Rushlow, New York University

Jussi Taipale, Karolinska Institutet

11:05 am **SESSION 4: Topology and Nuclear Architecture**

Chairperson: Eileen Furlong, European Molecular Biology Laboratory

Francois Spitz, Institut Pasteur

Bing Ren, Ludwig Institute for Cancer Research, UC San Diego

12:10 pm **General Discussion**

12:45 pm Luncheon

2:00 pm **SESSION 4 (continued): Topology and Nuclear Architecture**

Chairperson: Eileen Furlong, European Molecular Biology Laboratory

Alvaro Rada-Iglesias, CMMC, University of Cologne

Gerd Blobel, Children's Hospital of Philadelphia



3:00 pm **SESSION 5: Enhancer Malfunction in Cancer**
Chairperson: Karen Adelman, Harvard Medical School
Bradley Bernstein, Massachusetts General Hospital
Ali Shilatifard, Northwestern University
Peter Scacheri, Case Western University

5:00 pm **General Discussion**

6:00 pm Reception and dinner

WEDNESDAY, MARCH 22

7:30 am Breakfast

9:00 am **SESSION 6: Enhancer Variation in Disease**
Chairperson: Alvaro Rada-Iglesias, CMMC, University of Cologne
Ivan Ovcharenko, National Center for Biotechnology Information, NLM, NIH
Karen Mohlke, University of North Carolina
Marcelo Nobrega, University of Chicago

11:05 am **General Discussion**

11:30 am **SESSION 7: Meeting Wrap-up, Next Steps**
Chairpersons: Michael Levine, Princeton University; Joanna Wysocka, Stanford University
Concluding Remarks; Follow-up Actions; Responsibilities

12:15 pm Luncheon; Participant Departures



PARTICIPANTS

Karen Adelman, Harvard Medical School
Brad Bernstein, Massachusetts General Hospital
Gerd Blobel, Children's Hospital of Philadelphia
Harmen Bussemaker, Columbia University
Justin Crocker, Janelia Research Campus, HHMI
Charles Danko, Cornell University
Emma Farley, University of California, San Diego
Eileen Furlong, European Molecular Biology Laboratory
Michael Levine, Princeton University
Gholson Lyon, Cold Spring Harbor Laboratory
Karen Mohlke, University of North Carolina
Marcelo Nobrega, University of Chicago
Ivan Ovcharenko, National Center for Biotechnology Information, NLM, NIH
Alvaro Rada-Iglesias, CMMC, University of Cologne
Bing Ren, Ludwig Institute for Cancer Research, UC San Diego
Chris Rushlow, New York University
Peter Scacheri, Case Western Reserve University
Ali Shilatifard, Northwestern University
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Jussi Taipale, Karolinska Institutet
Joanna Wysocka, Stanford University
Richard Young, Whitehead Institute for Biomedical Research