



## MEETING AGENDA

# The Future of Plant-Environment Interactions: Challenges and Opportunities in a Changing Climate

October 29-November 1, 2023  
The Banbury Center, Lloyd Harbor, New York

This meeting was organized by  
**Ullas Pedmale**, Cold Spring Harbor Laboratory  
**Lucia Strader**, Duke University

and generously funded by the  
**Cold Spring Harbor Laboratory Corporate Sponsor Program**

## SUNDAY, OCTOBER 29

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**Afternoon** Arrivals and check-in at Robertson House  
**6:00 pm** Reception and dinner

## MONDAY, OCTOBER 30

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**7:15 am** Breakfast

**8:30 am** **Welcoming Remarks and Introduction**  
Rebecca Leshan, The Banbury Center  
Ullas Pedmale, Cold Spring Harbor Laboratory  
Lucia Strader, Duke University

**8:55 am** **SESSION 1**  
Chairperson: Ullas Pedmale, Cold Spring Harbor Laboratory  
Lucia Strader, Duke University  
Edward Buckler, USDA-ARS at Cornell  
Mary Lou Guerinot, Dartmouth College



- 10:40 am SESSION 2**  
Chairperson: Ullas Pedmale, Cold Spring Harbor Laboratory  
Cranos Williams, North Carolina State University  
David Jackson, Cold Spring Harbor Laboratory  
Wolfgang Busch, Salk Institute for Biological Studies
- 12:10 pm Luncheon**
- 2:10 pm SESSION 3**  
Chairperson: Lucia Strader, Duke University  
Xinnian Dong, HHMI, Duke University  
Angela Hancock, Max Planck Institute for Plant Breeding Research  
Robert Jinkerson, University of California, Riverside
- 3:55 pm SESSION 4**  
Chairperson: Lucia Strader, Duke University  
Marcel Quint, Martin-Luther University Halle-Wittenburg  
Ravishankar Palanivelu, University of Arizona
- 4:45 pm DAY ONE DISCUSSION**  
Chairpersons: Ullas Pedmale; Lucia Strader
- 6:00 pm Reception and dinner**

## TUESDAY, OCTOBER 31

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- 7:15 am Breakfast**
- 8:55 am SESSION 5**  
Chairperson: Lucia Strader, Duke University  
Seung Yon (Sue) Rhee, Plant Resilience Institute, Michigan State University  
Ullas Pedmale, Cold Spring Harbor Laboratory  
Rebecca Bart, Donald Danforth Plant Science Center
- 10:40 am SESSION 6**  
Chairperson: Lucia Strader, Duke University  
Julia Bailey-Serres, Center for Plant Cell Biology, University of California, Riverside  
Jorge Casal, University of Buenos Aires  
Stephen Long, University of Illinois, Urbana-Champaign
- 12:10 pm Luncheon**



**2:10 pm SESSION 7**

Chairperson: Ullas Pedmale, Cold Spring Harbor Laboratory  
Robert Martienssen, HHMI, Cold Spring Harbor Laboratory  
Rosangela Sozzani, North Carolina State University

**3:30 pm SESSION 8**

Chairperson: Ullas Pedmale, Cold Spring Harbor Laboratory  
Christian Fankhauser, University of Lausanne  
Heribert Hirt, King Abdullah University of Science and Technology

**4:20 pm DAY TWO DISCUSSION**

Chairpersons: Ullas Pedmale; Lucia Strader

**6:00 pm** Reception and dinner

## WEDNESDAY, NOVEMBER 1

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**7:15 am** Breakfast

**8:30 am SESSION 9**

Chairperson: Lucia Strader, Duke University  
Clifford Weil, National Science Foundation  
Nicholas Bate, Bill & Melinda Gates Foundation

**9:20 am SESSION 10**

Chairpersons: Ullas Pedmale; Lucia Strader  
Plenary Discussion, led by Joanne Chory, HHMI, Salk Institute for Biological Studies

**10:30 am CLOSING DISCUSSION I**

Chairperson: Lucia Strader  
Outstanding Issues, Summary; Outlining Paper

**11:30 am CLOSING DISCUSSION II**

Chairpersons: Ullas Pedmale, Lucia Strader  
Meeting Wrap-up; Next Steps

**12:15 pm** Luncheon

**1:30 pm** Participant Departures



## PARTICIPANTS

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Julia Bailey-Serres, Center for Plant Cell Biology, University of California, Riverside

Rebecca Bart, Donald Danforth Plant Science Center

Nicholas Bate, Bill & Melinda Gates Foundation

Edward Buckler, USDA-ARS at Cornell

Wolfgang Busch, Salk Institute for Biological Studies

Jorge Casal, University of Buenos Aires

Joanne Chory, HHMI, Salk Institute for Biological Studies

Xinnian Dong, HHMI, Duke University

Christian Fankhauser, University of Lausanne

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Angela Hancock, Max Planck Institute for Plant Breeding Research

Heribert Hirt, King Abdullah University of Science and Technology

David Jackson, Cold Spring Harbor Laboratory

Robert Jinkerson, University of California, Riverside

Stephen Long, University of Illinois, Urbana-Champaign

Robert Martienssen, HHMI, Cold Spring Harbor Laboratory

Frank O'Keefe, Carbon Sink, Inc.

Ravishankar Palanivelu, University of Arizona

Ullas Pedmale, Cold Spring Harbor Laboratory

Marcel Quint, Martin Luther University Halle-Wittenberg

Seung Yon (Sue) Rhee, Plant Resilience Institute, Michigan State University

Sadaf Shadan, Nature

Rosangela Sozzani, North Carolina State University

Lucia Strader, Duke University

Doreen Ware, Cold Spring Harbor Laboratory

Clifford Weil, National Science Foundation

Cranos Williams, North Carolina State University