



MEETING AGENDA

Better Cancer Therapy from Redox Biology

April 10-13, 2017

The Banbury Center, Lloyd Harbor, New York

This meeting was organized by

David Tuveson, Cold Spring Harbor Laboratory

Christine Chio, Cold Spring Harbor Laboratory

and generously funded by the

Oliver Grace Chair

MONDAY, APRIL 10

Afternoon Arrivals and check-in at Robertson House

6:00 pm Reception and dinner

TUESDAY, APRIL 11

7:15 am Breakfast

8:30 am **Welcoming Remarks, Meeting Objectives**

Rebecca Leshan, The Banbury Center

David Tuveson, Cold Spring Harbor Laboratory

Christine Chio, Cold Spring Harbor Laboratory

8:40 am **SESSION 1: Free Radicals and Antioxidants in Physiological Functions**

Chairperson: Arne Holmgren, Karolinska Institutet

James Watson, Cold Spring Harbor Laboratory

Christine Winterbourn, University of Otago

Jakob Ursula, University of Michigan

Nick Tonks, Cold Spring Harbor Laboratory

Navdeep Chandel, Northwestern University

Paul Schumacker, Northwestern University



- 12:10 pm PLENARY DISCUSSION**
Moderator: Arne Holmgren, Karolinska Institutet
- 12:45 pm Luncheon**
- 1:55 pm SESSION 2: Free Radicals and Antioxidants in Cancer**
Chairpersons: Arne Ostman and Karen Liby, Michigan State University
Karen Vousden, Francis Crick Institute
Tak Mak, University of Toronto
Edward Schmidt, Montana State University
Martin Bergo, Karolinska Institutet
Nissim Hay, University of Illinois at Chicago
- 5:30 pm PLENARY DISCUSSION**
Moderator: Arne Holmgren, Karolinska Institutet
- 6:00 pm Reception and dinner**

WEDNESDAY, APRIL 12

- 7:15 am Breakfast**
- 8:25 am SESSION 3: NRF2 in Redox Homeostasis and Metabolism**
Chairperson: Michael Espey, National Cancer Institute, NIH
John Hayes, University of Dundee
Christine Chio, Cold Spring Harbor Laboratory
Masayuki Yamamoto, Tohoku University
Thales Papagiannokopolus, New York University Medical School
Gina DeNicola, Moffitt Cancer Center
Donna Zhang, University of Arizona
Shyam Biswal, Johns Hopkins School of Public Health
- 12:45 pm Luncheon**
- 2:00 pm SESSION 4: Redox Imaging**
Chairperson: James Darnell, Rockefeller University
Vsevolod Belousov, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry
Kevin Brindle, University of Cambridge
Tobias Dick, German Cancer Research Center
Yi Yang, East China University of Science and Technology
Michael Murphy, MRC Mitochondrial Biology Unit



5:30 pm **PLENARY DISCUSSION**
Moderator: Michael Espey, National Cancer Institute, NIH

6:15 pm Reception and dinner

THURSDAY, APRIL 13

7:15 am Breakfast

8:30 am **SESSION 5: Therapeutics**
Chairpersons: Robert Maki, University of Toronto; and Tom Miller, IC-MedTech
David Boothman, UT Southwestern Medical Center
Garry Buettner, University of Iowa
Douglas Spitz, University of Iowa
Sean Morrison, UT Southwestern Medical Center
Elizabeth Parkinson, University of Illinois at Urbana-Champaign

11:50 am **SESSION 6: Meeting Wrap-up, Next Steps**
Chairpersons: David Tuveson and James Watson, Cold Spring Harbor Laboratory
Concluding Remarks; Follow-up Actions; Responsibilities

12:30 pm Luncheon; Participant Departures



PARTICIPANTS

Vsevolod Belousov, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry

Martin Bergo, Karolinska University

David Boothman, UT Southwestern Medical Center

Kevin Brindle, University of Cambridge

Garry Buettner, University of Iowa

Navdeep Chandel, Northwestern University

Christopher Chang, University of California, Berkeley

Iok In Chio, Columbia University

Gina DeNicola, H. Lee Moffitt Cancer Center

Tobias Dick, German Cancer Research Center (DKFZ)

Michael Espey, National Cancer Institute, NIH

Nissim Hay, University of Illinois at Chicago

John Hayes, University of Dundee

Arne Holmgren, Karolinska Institute

Ursula Jakob, University of Michigan

Karen Liby, Michigan State University

Tak Mak, University of Toronto

Thomas Miller, IC-MedTech

Sean Morrison, UT Southwestern Medical Center

Michael Murphy, MRC Mitochondrial Biology Unit

Arne Östman, Karolinska Institute

Thales Papagiannakopoulos, New York University Medical School

Elizabeth Parkinson, University of Illinois at Urbana-Champaign

Edward Schmidt, Montana State University

Paul Schumacker, Northwestern University

Douglas Spitz, University of Iowa

Nicholas Tonks, Cold Spring Harbor Laboratory

David Tuveson, Cold Spring Harbor Laboratory

Karen Vousden, Francis Crick Institute

James Watson, Cold Spring Harbor Laboratory

Christine Winterbourn, University of Otago

Masayuki Yamamoto, Tohoku University

Yi Yang, East China University of Science and Technology

Donna Zhang, University of Arizona