



MEETING AGENDA

Copper Cancer Consortium

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
March 1-4, 2020

This meeting was funded by the **Northwell Health – Cold Spring Harbor Laboratory Affiliation**

Organizers:

Linda Vahdat, Memorial Sloan Kettering Cancer Center
Michael Petris, University of Missouri
Nicholas Tonks, Cold Spring Harbor Laboratory

Copper serves as an important catalytic cofactor in several biological functions including angiogenesis, mitochondrial respiration, stroma/collagen remodeling, and oxidative stress, highlighting its role as an essential contributor to carcinogenesis and metastasis. This Banbury meeting brought together a diverse group of experts to discuss new findings, disseminate ideas and methodologies, and to sketch out a roadmap – scientific and clinical – to investigate the effect of disruption of copper homeostasis on the tumor microenvironment and the prevention of metastasis.

SUNDAY, MARCH 1

Afternoon Participant Arrivals
6:00 pm Reception, dinner

MONDAY, MARCH 2

7:15 am Breakfast

8:30 am **Welcome and Introductory Remarks**
Rebecca Leshan, Executive Director, The Banbury Center
Linda Vahdat, Memorial Sloan Kettering Cancer Center, New York, USA
Michael Petris, University of Missouri, Columbia, USA
Nicholas Tonks, Cold Spring Harbor Laboratory, Cold Spring Harbor, USA



8:45 am SESSION 1: Copper Homeostasis and Disease

Svetlana Lutsenko, Johns Hopkins University, Baltimore, USA

Paul Cobine, Auburn University, Auburn, USA

Stephen Kaler, Nationwide Children's Hospital, Columbus, USA

Vishal Gohil, Texas A&M University, College Station, USA

12:30 pm Luncheon

2:00 pm SESSION 2: Copper Signaling

Donita Brady, University of Pennsylvania, Philadelphia, USA

Christopher Chang, University of California, Berkeley, USA

Nicholas Tonks, Cold Spring Harbor Laboratory, Cold Spring Harbor, USA

Vivek Mittal, Weill Cornell Medicine, New York, USA

Gina DeNicola, H. Lee Moffitt Cancer Center, Tampa, USA

6:00 pm Reception, dinner

TUESDAY, MARCH 3

7:15 am Breakfast

8:30 am SESSION 3: Copper Handling Targets in Cancer

Michael Petris, University of Missouri, Columbia, USA

Peng Yuan, Washington University School of Medicine, St. Louis, USA

Martina Ralle, Oregon Health & Science University, Portland, USA

10:45 am SESSION 4: Therapeutic Copper Chelators and Ionophores

Katherine Franz, Duke University Chemistry, Durham, USA

Qingping Dou, Karmanos Cancer Institute, Wayne State University, Detroit, USA

Linda Vahdat, Memorial Sloan Kettering Cancer Center, New York, USA

12:20 pm Luncheon

1:45 pm (continued) **SESSION 4: Therapeutic Copper Chelators and Ionophores**

Michael Schilsky, Yale University, New Haven, USA

Angela Casini, Technical University of Munich, Germany

3:30 pm SESSION 5: Cancer and Other Diseases of Copper Dyshomeostasis

Justin Cross, Memorial Sloan Kettering Cancer Center, New York, USA

Ashley Bush, University of Melbourne, Victoria, Australia

Sanjeev Gupta, Albert Einstein College of Medicine, Bronx, USA

Roman Polishchuk, Telethon Institute of Genetics and Medicine, Pozzuoli, Italy



6:00 pm Reception, dinner

WEDNESDAY, MARCH 4

7:15 am Breakfast

8:30 am **SESSION 6: Cancer Drug Development – Bench-to-Bedside**

Maura Dickler, Eli Lilly and Company, New York, USA

Vincent Miller, Medical Oncology, Consultant MSKCC, New York, USA

Dan Xi, National Cancer Institute, Rockville, USA

10:30 am **SESSION 7: Meeting Wrap-Up**

12:00 pm Luncheon

2:00 pm Participant departures

— END OF PROGRAM —



MEETING PARTICIPANTS

Donita Brady, University of Pennsylvania
Ashley Bush, University of Melbourne
Angela Casini, Technical University of Munich
Christopher Chang, University of California, Berkeley
Paul Cobine, Auburn University
Justin Cross, Memorial Sloan Kettering Cancer Center
Gina DeNicola, H. Lee Moffitt Cancer Center
Maura Dickler, Eli Lilly and Company
Qingping Dou, Karmanos Cancer Institute, Wayne State University
Katherine Franz, Duke University Chemistry
Vishal Gohil, Texas A&M University
Andreas Grill, DepYmed, Inc.
Sanjeev Gupta, Albert Einstein College of Medicine
Stephen Kaler, Nationwide Children's Hospital
Svetlana Lutsenko, Johns Hopkins University
Vincent Miller, Medical Oncology, Consultant MSKCC
Vivek Mittal, Weill Cornell Medicine
Mick Petris, University of Missouri
Roman Polishchuk, Telethon Institute of Genetics and Medicine
Martina Ralle, Oregon Health & Science University
Michael Schilsky, Yale University
Nicholas Tonks, Cold Spring Harbor Laboratory
Linda Vahdat, Memorial Sloan Kettering Cancer Center
Linda Van Aelst, Cold Spring Harbor Laboratory
Dan Xi, National Cancer Institute, NIH
Peng Yuan, Washington University School of Medicine