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
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<tr>
<td>6:00 pm</td>
<td>Reception, dinner</td>
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<td><strong>WEDNESDAY, MARCH 4</strong></td>
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<td>7:15 am</td>
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| 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.
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Linda Van Aelst, Cold Spring Harbor Laboratory
Dan Xi, National Cancer Institute, NIH
Peng Yuan, Washington University School of Medicine