



MEETING AGENDA

Autophagy and Cancer

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
October 14-17, 2018

This meeting was funded by **Vescor Therapeutics, Deciphera Pharmaceuticals, Janssen Research & Development, and Sprint Bioscience,**
with additional funding from **Genentech, and the Cold Spring Harbor Laboratory Corporate Sponsor Program**

Organizers:

Ravi Amaravadi, University of Pennsylvania
Alec Kimmelman, New York University
Jayanta Debnath, University of California, San Francisco

Since the 2016's Autophagy and Cancer meeting, numerous advances have emerged including new understanding of autophagy's role in cytokine and metabolite secretion, cancer cell metabolism, metastases and stem cells. However, controversy remains about the fundamental role of autophagy as a tumor suppressor or tumor promoter in cancer, as well as its role in tumor immunity. The goal of this meeting was to convene cross-sector experts to explore the mechanisms by which autophagy modulates cancer, and to identify strategies to therapeutically target the autophagy pathway in order to best move the field forward.

SUNDAY, OCTOBER 14

Afternoon Participant arrivals

6:00 pm Reception, dinner



MONDAY, OCTOBER 15

7:15 am Breakfast

8:30 am **Welcome and Introductory Remarks**

Rebecca Leshan, The Banbury Center, Cold Spring Harbor Laboratory

Ravi Amaravadi, University of Pennsylvania, Philadelphia, USA

Jay Debnath, University of California, San Francisco, USA

Alec Kimmelman, New York University, New York, USA

8:45 am **SESSION 1: Signaling Targets in the Autophagy Pathway**

Sharon Tooze, Francis Crick Institute, London, UK

Roberto Zoncu, University of California, Berkeley, USA

Jessica Martinsson, Sprint Bioscience AB, Huddinge, Sweden

Reuben Shaw, The Salk Institute for Biological Studies, La Jolla, USA

Daniel Flynn, Deciphera Pharmaceuticals, Inc., Lawrence, USA

Christophe Severin, Celgene, San Diego, USA

12:30 pm Luncheon

2:00 pm **SESSION 2: Selective Autophagy and Cancer**

Anne Simonsen, University of Oslo, Norway

Wade Harper, Harvard Medical School, Boston, USA

Jorge Moscat, Sanford-Burnham Prebys Medical Discovery Institute, La Jolla, USA

Andrew Thorburn, University of Colorado, Aurora, USA

Jay Debnath, University of California, San Francisco, USA

5:00 pm **General Discussion**

6:00 pm Reception, dinner



TUESDAY, OCTOBER 16

7:15 am Breakfast

8:30 am **SESSION 3: Insights on Autophagy and Cancer from Model Systems**

Tor Erik Rusten, Oslo University Hospital, Norway

Kevin Ryan, Cancer Research UK Beatson Institute, Glasgow, UK

Jessie Guo, Rutgers Cancer Institute of New Jersey, New Brunswick, USA

Jun-Lin Guan, University of Cincinnati, Ohio, USA

Alec Kimmelman, New York University, New York, USA

11:35 am **General Discussion**

12:15 pm Luncheon

2:00 pm **SESSION 4: Autophagy in Metabolism, Immunity and Inflammation**

Eileen White, Rutgers University, New Brunswick, USA

Bassam Jangi, Luxembourg Institute of Health, Germany

Katja Simon, University of Oxford, UK

Rushika Perera, University of California, San Francisco, USA

Douglas Green, St. Jude Children's Research Hospital, Memphis, USA

5:00 pm **General Discussion**

6:00 pm Reception, dinner



WEDNESDAY, OCTOBER 17

7:15 am Breakfast

8:30 am **SESSION 5: Therapeutic Targeting of Autophagy in Cancer**

Ravi Amaravadi, University of Pennsylvania, Philadelphia, USA

Nathan Bahary, McGowan Institute for Regenerative Medicine, Pittsburgh, USA

Andrea Viale, MD Anderson Cancer Center

11:00 am **General Discussion**

11:15 am **SESSION 6: General Discussion, Meeting Conclusions and Next Steps**

Ravi Amaravadi, University of Pennsylvania

Alec Kimmelman, New York University

Jay Debnath, University of California, San Francisco

12:15 pm Luncheon

2:00 pm Participant departures



MEETING PARTICIPANTS

Ravi Amaravadi, University of Pennsylvania
Nathan Bahary, McGowan Institute for Regenerative Medicine
Jay Debnath, University of California, San Francisco
Daniel Flynn, Deciphera Pharmaceuticals, Inc.
Doug Green, St. Jude Children's Research Hospital
Jun-Lin Guan, University of Cincinnati
Jessie Guo, Rutgers Cancer Institute of New Jersey
Wade Harper, Harvard Medical School
Timothy Heffernan, MD Anderson Cancer Center
Bassam Janji, Luxembourg Institute of Health
Alec Kimmelman, NYU Langone Medical Center
Jessica Martinsson, Sprint Bioscience AB
Jorge Moscat, Sanford-Burnham Prebys Medical Discovery Institute
Rushika Perera, University of California San Francisco
Tor Erik Rusten, Oslo University Hospital
Kevin Ryan, Cancer Research UK Beatson Institute
Konstantin Salnikow, National Cancer Institute, NIH
Christophe Severin, Celgene
Reuben Shaw, The Salk Institute for Biological Studies
Katja Simon, University of Oxford
Anne Simonsen, University of Oslo
Andrew Thorburn, University of Colorado
Sharon Tooze, Francis Crick Institute
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