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,
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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 Olso, 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
- Andrea Viale, MD Anderson Cancer Center
- Eileen White, Rutgers University
- Roberto Zoncu, University of California, Berkeley