



4th Cancer Metabolism Symposium

June 20 – 21, 2018

Sanford Burnham Prebys Medical Discovery Institute
10901 N Torrey Pines Road, La Jolla CA 92037
Fishman Auditorium – Building 4

Organizers: Drs. Jorge Moscat & Maria Diaz-Meco
Coordinator: Sarah Forte

Wednesday, June 20

8:00 **Registration - Fishman**
Coffee

8:30 **Welcome – Kristiina Vuori**
Introductory Notes/Remarks – Jorge Moscat

Chair: _____ Jorge Moscat

8:45 **Keynote Presentation: Celeste Simon** – UPENN School of Medicine
“Metabolic Symbioses in the Hypoxic Tumor Microenvironment”

9:30 **Ronald DePinho** – MD Anderson Cancer Center
“Targeting Cancer-Specific Vulnerabilities”

10:00 **Ramon Parsons** – Mount Sinai
“Examination of the metabolic vulnerability in PTEN deficient cells”

10:30 *Coffee Break (15 mins.)*

Chair: _____ Brooke Emerling

10:45 **John Blenis** – Weill Cornell Medicine
“mTORC1-dependent regulation of mRNA processing and cell metabolism”

11:15 **Robert Abraham** – Pfizer
“Probing Cancer Metabolism with Cancer Drugs”

11:45 **Reuben Shaw** – The Salk Institute
“The AMPK pathway: good signals during bad times”

12:15 *Speaker and Faculty Lunch – Chairmen’s Hall*

Chair: _____ Peter Adams

1:30 **Eileen White** – Rutgers Cancer Institute of New Jersey
“Role of autophagy in cancer metabolism”

2:00 **Tak Wah Mak** – University of Toronto and The Campbell Family Institute
“Anti-Cancer Therapeutic Opportunities in Metabolic Stress”

2:30 **Jorge Moscat** – SBP Medical Discovery Institute
“Macro-environmental control of cancer metabolism”

3:00 **Alec Kimmelman** – NYU Langone Health
“Identifying Metabolic Dependencies in Pancreatic Cancer”

3:30 *Coffee Break (15 mins.)*

Chair: Maria Diaz-Meco

- 3:45 **Karen Vousden** – The Crick Institute
 “Control of metabolism by the p53 pathway”
- 4:15 **Ralf J. DeBerardinis** – University of Texas SW Medical Center
 “Human tumor metabolism in vivo”
- 4:45 **Roberto Zoncu** – University of California Berkeley
 “Dissecting and reconstituting lysosome-based nutrient sensing”
- 5:15 **Christian Metallo** – University of California San Diego
 “Tracing links between amino acid and lipid biosynthesis in cancer”
- 5:45 **Reception – Chairmen’s Hall**
- 7:00 **Speaker Dinner – Torrey Pines Lodge (dinner details to follow)**

Thursday, June 21st

Chair: Cosimo Commisso

- 8:30 **Doug Green** – St. Jude Children’s Research Hospital
 “LC3-associated phagocytosis and anti-cancer immunity”
- 9:00 **Matt Vander Heiden** – The David H. Koch Institute at MIT
 “Considerations to target cancer metabolism”
- 9:30 **Maria Diaz-Meco** – SBP Medical Discovery Institute
 “The metabolic crosstalk in the nutrient-stressed tumor microenvironment”
- 10:00 **Dafna Bar-Sagi** – NYU Langone Health
 “Tumor-associated protein scavenging pathways”
- 10:30 **Coffee Break (15mins.)**

Chair: Andrei Osterman

- 10:45 **Michael Karin** – University of California San Diego
 “Metabolic Control of Liver Tumorigenesis”
- 11:15 **Jeff Rathmell** – Vanderbilt University
 “Fueling T cells to eliminate cancer”
- 11:45 **David Ruggero** – University of California San Francisco
 “Translating the cancer genome one codon at a time and its therapeutic implications”
- 12:15 **Closing Remarks -Maria Diaz-Meco**
- 12:30 **Closing Reception – Chairmen’s Hall**