



Gerstner Sloan Kettering
Graduate School of Biomedical Sciences

FOURTH BIENNIAL RETREAT

May 6-7, 2016

Mohonk Mountain House
New Paltz, New York



Louis V. Gerstner, Jr. Graduate School of Biomedical Sciences
Memorial Sloan Kettering Cancer Center

1275 York Avenue, Box 441, New York, New York 10065
gradstudies@sloankettering.edu
646.888.6639
www.sloankettering.edu

GSK FOURTH BIENNIAL RETREAT, MAY 6-7, 2016

FRIDAY, MAY 6, 2016

6:30 AM

BUS DEPARTS FROM MSK

9:00 AM – 9:45 AM

CONTINENTAL BREAKFAST

9:50 AM – 10:00 AM

OPENING REMARKS: Kenneth J. Marians, PhD

10:00 AM – 11:30 AM

SESSION I: Student & Faculty Oral Presentations

11:30 AM – 11:45 AM

BREAK

11:45 AM – 1:15 PM

SESSION II: Student & Faculty Chalk Talks

1:30 PM – 2:30 PM

LUNCH: Dining Room

2:45 PM – 3:45 PM

STUDENT POSTER SESSION

3:45 PM – 4:30 PM

GROUP PHOTO

4:45 PM – 6:00 PM

FREE TIME

6:00 PM – 6:30 PM

WINE & CHEESE

6:30 PM – 7:30 PM

KEYNOTE: Thomas J. Kelly, MD, PhD

8:00 PM – 9:30 PM

DINNER: Dining Room

9:30 PM – 12:00 AM

PARTY TO CELEBRATE GSK'S FIRST 10 CLASSES:
West Dining Room

SATURDAY, MAY 7, 2016

9:00 AM – 10:00 AM

BREAKFAST: Dining Room

10:00 AM – 12:00 PM

ORGANIZED GROUP ACTIVITY

12:00 PM – 1:00 PM

LUNCH: Dining Room

1:15 PM – 2:00 PM

SESSION III: Alumni Science Talks

2:00 PM – 2:15 PM

BREAK

2:15 PM – 3:15 PM

SESSION IV: Alumni Panel Discussion

3:15 PM – 3:30 PM

BREAK

3:30 PM – 5:00 PM

SESSION V: Student & Faculty Chalk Talks

5:30 PM

BUS DEPARTS FOR MSK

All sessions are held at the Mountain Lake Conference House

SESSION I

MODERATOR: Benjamin Y. Tischler

Danwei Huangfu, PhD

Human Development Through the Lens of Pluripotent Stem Cells

Jens C. Hamann

Entosis is Induced by Nutrient Deprivation of Tumor Cells (Overholtzer Lab)

Andrea Schietinger, PhD

Molecular and Epigenetic Programs Underlying CD8 T cell Dysfunction in Solid Tumors

Scott J. Callahan

Cell of Origin Studies of Malignant Melanoma using both Transgenic Zebrafish and Human Pluripotent Stem Cell-Derived Melanocytes (Studer & White Labs)

SESSION II

MODERATOR: Christopher H. Hulton

Mary Klein

Unraveling the Efficacy of CDK4 Inhibitors: The Transition from Quiescence to Senescence (Koff Lab)

Sarat Chandarlapaty, MD, PhD

Hormone-Refractory Breast Cancer

Joseph N. Pucella

miR-182 is Largely Dispensable for Adaptive Immunity: Lack of Correlation between Expression and Function (Chaudhuri Lab)

Frederic Geissmann, MD, PhD

Differentiation and Functions of Myeloid Cells

KEYNOTE

Thomas J. Kelly, MD, PhD

Benno C. Schmidt Chair of Cancer Research at MSK
DNA Replication, Mutation, and Cancer (with a few thoughts on GSK at 10)

SESSION III

MODERATOR: Michelle M. Riegman

Semanti Mukherjee, PhD

Multivariate analysis of whole exome sequence data identifies rare variants with pleiotropic effects on obesity-related metabolic traits in 31,000 participants of the Geisinger-Regeneron Genetics Center DiscovEHR study.

John Maciejowski, PhD

Chromothripsis and Kataegis Induced by Telomere Crisis

SESSION IV

MODERATOR: Steven K. Albanese

GSK ALUMNI PANELISTS

Eric S. Alonzo, PhD

Nicholas P. Gauthier, PhD

Neha Bhagwat, PhD

Jeffery R. Smith, PhD

Karen E. Cohn, PhD

SESSION V

MODERATOR: Nicholas F. Kuhn

Catherine Konopacki

Regulatory T Cells in Breast Tissue and Breast Cancer (Rudensky Lab)

Craig B. Thompson, MD

The Emerging Hallmarks of Cancer Metabolism

Danilo R.G. Macalinao

Mechanistic Insights into Brain Metastasis in HER2+ Breast Cancer from Xenograft and Syngeneic Mouse Models (Massagué Lab)

Kenneth J. Marians, PhD

Processing of Stalled Replication Forks