THE GOVERNOR'S CONFERENCE ON
EFFECTIVE PARTNERING IN CANCER RESEARCH
Stem Cells & Cancer
Wolfensohn Hall, Institute for Advanced Study

APRIL 10, 2008

8:30 a.m. – 8:45 a.m. Welcoming Remarks
Joseph R. Bertino (The Cancer Institute of New Jersey, UMDNJ-Robert Wood Johnson Medical School)
Arnold J. Levine (The Simons Center for Systems Biology, Institute for Advanced Study)

I. The Biology of Stem Cells
Arnold J. Levine, Moderator

8:45 a.m. – 9:45 a.m. Ihor Lemischka (Mount Sinai School of Medicine)
Dissecting Cell Fate Regulation in Stem Cells

9:45 a.m. – 10:45 a.m. Curt I. Civin (Johns Hopkins School of Medicine)
MicroRNA: Maestros of Hematopoiesis

10:45 a.m. – 11:00 a.m. BREAK

11:00 a.m. – 12:00 p.m. Hans Clevers (Netherlands Institute for Developmental Biology)
The Wnt Target Gene Lgr5, A Marker for Adult Stem Cells in Multiple Tissues

12:00 p.m. – 1:30 p.m. LUNCH - Available in Institute Dining Hall

II. Stem Cells & Cancer
Joseph R. Bertino, Moderator

1:30 p.m. – 2:30 p.m. Robert A. Weinberg (Whitehead Institute, MIT)
Cancer Stem Cells and Malignant Progression

2:30 p.m. – 3:00 p.m. Yibin Kang (Princeton University)
Direct Visualizations of Mammary Stem Cell Dynamics in vivo: Implications for Breast Cancer

3:00 p.m. – 3:30 p.m. Hatem Sabaawy (The Cancer Institute of New Jersey, UMDNJ-Robert Wood Johnson Medical School)
Stem Cells or Sushi?: Zebrafish as a Leukemia and Stem Cell Transplant Model

3:30 p.m. – 4:00 p.m. AFTERNOON TEA BREAK - Fuld Hall Common Room

4:00 p.m. – 5:00 p.m. III. Discussion: Cancer Stem Cells
Arnold J. Levine
Robert A. Weinberg