

**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