Distinguished Speaker

Stuart Orkin (Harvard Medical School)

"Mechanisms controlling blood cell development"

Session I "Stem Cells & Hematopoiesis"

**Keynote Speaker:** Thomas Graf (Albert Einstein College of Medicine)  
"How hematopoietic stem cells decide what to become"

**Speaker:** Kyunghee Choi (Washington University School of Medicine)  
"Factors controlling hematopoietic and endothelial cell development"

**Speaker:** Todd Evans (Albert Einstein College of Medicine)  
"Regulation of hematopoiesis by the BMP signaling pathway: New animal models"

**Speaker:** Mitchell Weiss (The Children’s Hospital of Philadelphia)  
"Transcriptional control of red blood cell development"

**Speaker:** Paul Ney (St Jude Children’s Research Hospital)  
"Mechanisms of erythroid differentiation"

Session II "Lymphocyte Development & Function I"

**Chair:** Andrew Henderson (Penn State)

**Keynote Speaker:** Stephen Smale (UCLA)  
"Assembly of silent chromatin during thymocyte development"
Speaker: Kenneth Dorshkind (UCLA School of Medicine)
"Dissecting Lymphoid Developmental Pathways From Embryogenesis Through Senescence"

Speaker: Christopher Klug (University of Alabama)
"Becoming a B cell: The role of EBF, Pax5, and IL-7 receptor at the earliest stage of B cell development"

Speaker: Harinder Singh (University of Chicago)
"Transcriptional control of lymphoid and myeloid cell fates"

Speaker: Kathryn Calame (Columbia University)
"Regulation of B cell commitment and terminal differentiation"

Distinguished Speaker

Harald von Boehmer (Harvard Medical School)
"Adaptation of the adaptive immune system: The role of cell death and lineage commitment"

Session III "Lymphocyte Development & Function II"

Keynote Speaker: Larry Samelson (National Cancer Institute)
"Signaling via the T cell antigen receptor"

Speaker: Warren Pear (UPENN Medical Center)
"Notch signaling in lymphoid development"

Speaker: Pam Schwarzberg (NIH)
"Integrating T cell signals"

Speaker: Yongwon Choi (UPENN School of Medicine)
"TRAF6 in the immune system"

Speaker: Shao-Cong Sun (Penn State, Hershey)
"NF-kB signaling in the immune system"

Session IV "Regulation of Inflammation"

Keynote Speaker: Alan Sher (NIH)
"Protecting the gut: T cell regulation of bacterial induced inflammation"
**Speaker:** Thomas Wynn (NIH)
"Regulation of IL-13 effector functions by the IL-13 receptor Alpha-2"

**Speaker:** David Mosser (University of Maryland)
"Biasing immune responses by manipulating antigen presenting cells"

**Speaker:** Glenn Matsushima (University of North Carolina)
"Function of a novel family of receptor tyrosine kinases on macrophages and autoimmunity"

**Speaker:** Kodi Ravichandran (University of Virginia)
"Signaling to engulfment: The beginnings of a good meal"