

THURSDAY OCTOBER 8, 2015

OPENING COMMENTS: Asma Nusrat

OPENING KEYNOTE

Chair: Mark Sobel

- **Balancing Tolerance and Autoimmunity: Strategies for Controlling Harmful Immune Responses**
Abul Abbas (UCSF)

PLENARY SESSION 1: ADAPTIVE IMMUNITY: IMMUNITY IN ATHEROSCLEROSIS AND METABOLISM - **No short talks in this session**

Chairs: Bill Luscinskas, Asma Nusrat

- **Regulating Supply of Myeloid Cells in Cardiovascular Disease**
Matthias Nahrendorf (MGH)
- **Defective Inflammation Resolution in Atherosclerosis: Mechanisms and Therapeutic Opportunities**
Ira Tabas (Columbia)
- **How Do T Lymphocytes Influence Atherosclerosis?**
Andy Lichtman (Brigham & Women's)

LUNCH

PLENARY SESSION 2: CELL INJURY AND REPAIR

Chairs: Rick Mitchell, Cary Austin

- **Genes and small molecules to delay diseases in aging**
David Sinclair (HMS)
- **Abstract-driven short talk**
- **Adult Stem Cells and Biomimetic Scaffolds for Skeletal Tissue Engineering and Regeneration**
Rocky Tuan (U Pittsburgh)
- **Abstract-driven short talk**
- **The Complex Roles of Autophagy in Cancer**
Jayanta (Jay) Debnath (UCSF)

Late Afternoon: VIEW THE POSTERS AND WINE/CHEESE RECEPTION

FRIDAY, OCTOBER 9, 2015

KEYNOTE

Chair: Paul Monga

- **Immunotoxin Therapy of Leukemia and Mesothelioma: From Concept to Clinical Reality**
Ira Pastan, National Cancer Institute

PLENARY SESSION 3: STEM CELLS AND STEM CELL SIGNATURES IN CANCER

Chairs: Chris Moskaluk, Paul Monga

- **Origins, Biology, and Some Translational implications of the Cancer Epigenome**
Stephen Baylin (The Johns Hopkins University School of Medicine)
- **Evolving Dynamic Models of Cancer Stem Cells**
Jeremy N. Rich (Cleveland Clinic)
- **Clonal analysis of experimentally induced human breast cancers**
Connie Eaves (BC Cancer Agency)

LUNCH

PLENARY SESSION 4: INNATE IMMUNITY: LEUKOCYTES, NOCICEPTORS, AND INFLAMMATION

Chairs: Bill Muller, Bill Luscinskas

- **Multiple mechanisms of leukocyte recruitment to a site of inflammation**
Paul Kubes (Calgary)
- **Abstract-driven short talks**
- **Nociceptor-mediated control of tissue inflammation**
Uli von Andrian (Harvard Medical School)
- **Abstract-driven short talks**
- **Leukocyte-epithelial interactions and mucosal homeostasis**
Charles Parkos (U Michigan)

BREAK

Late Afternoon: SESSION 5: POSTER DISCUSSIONS

Presentations (10min with 5 min questions)A

SATURDAY, OCTOBER 10, 2015

SESSION 6: CANCER NICHES AND DEVELOPMENTAL PATHWAY SIGNALING IN CANCER

Chairs: Paul Monga, Chris Moskaluk

- **Dissecting breast cancer through the lens of development**
Geoffrey Wahl (Salk Institute)
- **Abstract-driven short talks**
- **Conserved Signaling Pathway Defects in Colon Cancer Pathogenesis - Modeling Colon Cancer Development and Progression in the Mouse"**
Eric Fearon (U Michigan)

CLOSING REMARKS: Common themes and lessons learned

- Asma Nusrat