



Gene Regulation in Differentiation and Cancer

December 4th Symposium

Honoring Daniel G. Tenen, M.D.

For his many contributions to the scientific community

Date: Wednesday December 4th, 2019

Time: 8:45am – 6:00pm

**Location: DFCI Jimmy Fund Auditorium
Binney Street,
Boston, MA, 02115**

Symposium Committee Co-Chairs

Alan G. Rosmarin, M.D.
Deputy Editor of Hematology at UpToDate
Chief Mission Officer, the Samuel Waxman Cancer Research Foundation.

Dong-Er Zhang, Ph.D.
Professor of Pathology and Biological Sciences
University of California San Diego
Moore's UCSD Cancer Center
La Jolla, CA

Ulrich Steidl, M.D., Ph.D.
Professor of Cell Biology and Medicine,
Albert Einstein College of Medicine - Montefiore Medical Center
New York, NY

Daniel Costa, M.D., Ph.D.
Associate Professor of Medicine, Harvard Medical School
Co-director Lung cancer research program within Cancer Research Institute at BIDMC
Co-leader of the lung cancer program at Dana-Farber/Harvard Cancer Center

Symposium Organizing Committee Contacts:

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Symposium
December 4th, 2019, Boston, USA
“Gene Regulation in Differentiation and Cancer”
Agenda

- 8:45-9:15** **Registration and Continental breakfast**
- 9:15-9:30** **Opening Remarks**

Alan Rosmarin, M.D.
- 9.30-11:15** **Session I:**
Chair: Dr. Alan Rosmarin
- 9.30-10:00** **Keynote Speaker**
Jonathan Licht M.D.
Director- The University of Florida Health Cancer Center,
The Marshall E. Rinker, Sr. Foundation and David B. and Leighan R. Rinker Chair
Disorders of histones and histone methylation in cancer
- 10:00 to 10:15 Ulrich Steidl, M.D. Ph.D.
Lineage Commitment and Differentiation – 15 years later
- 10:15-1:30 Shannon Elf, Ph.D.
Identifying novel molecular dependencies in CALR-mutated myeloproliferative neoplasms
- 10:30-10:45 Huimin Chen, M.D. Ph.D.
3D Bioprinting Application in Cartilage Repair
- 10:45-11:00 Annalisa DiRuscio, M.D. Ph.D.
RNAs: the real writers of the epigenetic code
- 11:00-11:15 Sophia Adamia, Ph.D.
AML epigenetics for the 21st century: novel biomarkers and drug targets
- 11:15-12:30** **Session II**
Chair: Dr. Ulrich Steidl
- 11:15-11:30 Dong-Er Zhang, Ph.D.
Dynamics of RASSF2 in leukemogenesis
- 11:30-11:45 Justin Wheat, Ph.D.
Single Molecule Analysis of Spi1 Transcription Dynamics During Differentiation
- 11:45-12:00 Meritxell Alberich-Jorda, Ph.D.
Chronic inflammation, stem cells and leukemia
- 12:00-12:15 Britta Will, Ph.D.
Novel safeguards of hematopoietic stem cell identity
- 12:15-12:30 Barbara Wegiel, Ph.D.
Scavenging of free heme by hemopexin is a key check-point in cancer growth and metastases
- 12:30-1:30** **Lunch break**
- 1:30-3:30** **Session III**
Chair: Dr. Dong-Er Zhang

- 1:30-2:00** **Keynote Speaker**
David Livingston, M.D.,
Deputy Director, Dana-Farber/Harvard Cancer Center
Chief, Charles A. Dana Division of Human Cancer Genetics
Emil Frei Professor of Genetics and Medicine,
Harvard Medical School, Dana-Farber Cancer Institute, Boston, Massachusetts
En route in a normal mammary epithelial cell to BRCA1 breast cancer
- 2:00-2:15 Dan Costa, M.D., Ph.D.
Dan Tenen and lung cancer: an accidental encounter that helped revolutionize precision oncology
- 2:15-2:30 Gang Huang, Ph.D.
Pseudohypoxia - An Underlying Mechanism and therapeutic Target of Myelodysplastic Syndromes
- 2:30-2:45 Hideyo Hirai, MD. Ph.D.
C/EBPbeta isoforms regulate hematopoietic stem cells under stress condition
- 2:45-3:00 Philipp Staber, MD. Ph.D.
Identifying functional switches in hematologic malignancies
- 3:00-3:15 Rob Welner, Ph.D.
Targeting Leukemia through the Marrow Microenvironment
- 3:15-3:30 Anne Satterthwaite, Ph.D.
Signals controlling plasma cell accumulation and autoantibody production in lupus
- 3:30-3:45** **Coffee Break**
- 3:45-5:30** **Session IV**
Chair: Dr. Dan Costa
- 3:45-4:00 Alan Rosmarin, MD.
A tribute to Dan Tenen
- 4:00-4:15 Elena Levantini, Ph.D.
Identification of a targetable KRAS-mutant epithelial population in NSCLC
- 4:15-4:30 Li Chai, M.D.
Targeting SALL4 in Cancer
- 4:30-4:45 Omid Harandi, Ph.D.
MRNA-based Engineering of Red Cell Therapeutics (RCTs) to Generate Potent, Allogeneic Cellular Therapies
- 4:45-5:00 Bon Trinh, Ph.D.
RNA Regulation of Promoter-Enhancer Communication
- 5:00-5:15 Balazs Halmos, MD. Ph.D.
Precision lung cancer medicine- a "personal" journey
- 5:15-5:45** **Closing ceremony**
Daniel G. Tenen, M.D.
- 5:45-6:00** **Group Picture**
- 6:00-8:30** **Dinner party (Invited only)**