12TH ANNUAL BIOMEDICAL SYMPOSIUM
ST. JUDE CHILDREN'S RESEARCH HOSPITAL

2016

Friday, October 7

MARLO THOMAS CENTER FOR GLOBAL EDUCATION & COLLABORATION AUDITORIUM

8:00AM - 5:30PM

Biomedical Symposium

EPIGENETICS IN DEVELOPMENT & CANCER

DESIGNED BY BIOMEDICAL COMMUNICATIONS (AH0147) 08.16

2016 BIOMEDICAL SYMPOSIUM

EPIGENETICS

8-8:30	**Registration, Coffee and Refreshments** Speakers report to Ready Room
8:30-8:40	**Introduction - Martine Roussel, PhD**
8:40-9:30	Kristian Helin, PhD Biotech Research & Innovation Centre, University of Copenhagen *"Histone Methylation in Transcription Regulation, Differentiation, & Cancer"* Host: Ben Youngblood, PhD
9:30-10:20	Danny Reinberg, PhD New York University School of Medicine *"Epigenetics: One Genome, Multiple Phenotypes"* Host: Shannon McKinney-Freeman, PhD
10:20-10:35	**Coffee Break** Group Picture of Speakers in the St. Jude Garden
10:35-11:25	Andrew P. Feinberg, MD, MPH Johns Hopkins University *"Epigenetic Modulators, Modifiers & Mediators in Cancer Etiology & Progression"* Host: Janet Partridge, PhD
11:25-12:15	Mark A. Dawson, MBBS, PhD Peter MacCallum Cancer Centre *"Placing BETs on Hold in Acute Myeloid Leukaemia"* Host: Paul Northcott, PhD
12:15-1:30	**Lunch** (Domino's Event Center - Speakers have assigned tables with Trainees)
1:30-2:20	Richard A. Young, PhD The Whitehead Institute, Massachusetts Institute of Technology *"Development and Disease: The View from Chromosome Neighborhoods"* Host: Peter Murray, PhD
2:20-3:10	Tony Kouzarides, FMedSci, FRS The Gurdon Institute, University of Cambridge *"Epigenetic Modifications: Their Function and Role in Cancer"* Host: Jamy Peng, PhD
3:10-3:25	**Coffee Break**
3:25-4:15	Ali Shilatifard, PhD Northwestern University Feinberg School of Medicine *"Principles of Epigenetics and Chromatin in Development and Human Disease"* Host: Hanz-Martin Herz, PhD
4:15-5:05	Robert A. Copeland, PhD Epizyme, Inc *"Tazemetostat – A First-in-Class Inhibitor of EZH2"* Host: Jeffery Klco, MD, PhD
5:05-5:15	**Closing Remarks** – Charles Mullighan, MBBS, MD
6:00	**Symposium Celebration** The Madison Hotel

NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

There has been an explosion of interest in the field of epigenetic regulation of gene function, which is central both to normal cell development and cancer. Recent key advances include a deeper understanding of the range and type of histone modifications, the technical capability to examine chromatin marks with great resolution, insights into nature of epigenetic mutations in cancer, and the burgeoning promise of therapeutic approaches to exploit and target epigenetic perturbations in cancer. This 12th annual St Jude Children's Research Hospital Biomedical Symposium brings together leading experts in the field of epigenetics in development, cancer and clinical translation. The symposium will be of direct relevance to our understanding of childhood cancer, and will be of great interest to both basic and translational investigators.

St. Jude Children's Research Hospital
ALSAC • Danny Thomas, Founder
Finding cures. Saving children.