EPIGENETICS DAY

Center for Epigenetics and Metabolism, UCI

Sprague Hall, December 8, 2017

PROGRAM

10:00 Welcome
10:10 Opening Lecture
   Michael Carey (University of California, Los Angeles)
   Mediator’s Role in Promoter-Enhancer Looping in Embryonic Stem Cells
11:00 Devon Lawson (University of California, Irvine)
   Single-cell analysis of cancer progression and metastasis

Break

11:50 Dustin Schones (City of Hope, Duarte)
   Epigenetic dysregulation of the genome in obesity
12:20 Feng Qiao (University of California, Irvine)
   Mechanism of epigenetics at the chromosome end and its implication in cellular aging

Lunch

1:30 Diana Hargreaves (Salk Institute, San Diego)
   Regulation of chromatin structure by SWI/SNF complexes
2:00 Sha Sun (University of California, Irvine)
   Trans-acting noncoding RNA for X inactivation
2:30 Kristin Eckel-Mahan (University of Texas, Houston)
   Incompatibility of BMAL1 and pioneering factor HNF4α in Liver Cancer
Break

3: 10  **Bruce Blumberg (University of California, Irvine)**
Prenatal obesogen exposure leads to a transgenerational thrifty phenotype in mice

3: 40  **Yongsheng Shi (University of California, Irvine)**
The role of mRNA processing in chromatin signaling and cell fate determination

4: 20  **Laszlo Nagy (Sanford-Burnham, La Jolla)**
Epigenomics of macrophage polarization and novel chromatin architectural roles of nuclear receptors

5:00  Reception

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