



Date: June 24, 2013  
Location: GBSF 1005

## MINI-SYMPOSIUM ON CANCER GENETICS AND ADMIXTURE MAPPING

SPONSORED BY UC DAVIS HUMAN GENETICS AND GENOMICS FOCUS GROUP

### **Session 1. Colorectal cancer gene discovery through sequencing**

9:00-9:10AM. Welcome Address. Luis Carvajal-Carmona, UC Davis

9:10-9:45 AM. *POLE* and *POLD1* mutations in colorectal and endometrial cancer. Ian Tomlinson, University of Oxford, UK.

9:45-10:30AM. Identification of colorectal cancer susceptibility genes using exome sequencing: preliminary results. Sergi Castellvi-Bel, IDIBAPS, Spain

10:30-10:45AM. Coffee break. Sponsored by Fluidigm

### **Session 2. Cancer evolution and heterogeneity**

10:45-11:30AM. Integrative cancer genomics: a quantitative approach to investigate tumor dynamics. Andrea Sotovira, USC

11:30-12:15PM. Measuring within-tumor heterogeneity to predict cancer risk and determine prognosis. Trevor Graham, UCSF

12:15-1:00. Lunch

### **Session 3. Gene identification using admixture mapping**

1:00-1:45PM. Genetics of breast cancer susceptibility among Latinas. Elad Ziv, UCSF

1:45-2:30PM. Genetic ancestry and breast cancer mortality in US Latinas. Laura Fejerman, UCSF

2:30-3:15PM Implications of Admixture for Asthma in the Americas. Chris Gignoux, UCSF