

THE FUTURE OF GENOME-BASED MEDICINE

PSB 2013 Workshop

Saturday, January 5th 14:30-17:30

Salon 2 & 3

14:30-14:35 Welcome

14:35-15:00 **Dana Pe'er** (Columbia University, NYC)

Helios: discovering oncogenes through Bayesian data integration

15:00-15:25 **Lars Steinmetz** (EMBL, Heidelberg)

Harnessing gene-environment interactions to identify functional targets for molecular intervention in phenotype

15:25-15:50 **Steven Brenner** (University of California, Berkeley)

Critical assessment of genome interpretation

15:50-16:00 Break

16:00-16:40 **David Haussler** (UC Santa Cruz, HHMI, qb3)

Large-scale cancer genomics analysis

16:40-17:05 **Sohrab Shah** (BC Cancer Agency)

Evolutionary dynamics of high grade serous ovarian cancer genomes across anatomic space and time

17:05-17:25 **Stuart Watt** (Ontario Institute for Cancer Research)

Clinical genomics information management software to support clinical decisions in personalized medicine

17:25-17:30 Closing remarks