DANA-FARBER CANCER INSTITUTE

BRIGHAM AND WOMEN'S HOSPITAL
A Teaching Affiliate of Harvard Medical School

Annual Symposium:

Genomic approaches towards Precision Cancer Medicine

08.30-09.00 **Coffee and snacks**

09.00-09.10 Welcome – **Paul Van Hummelen,** PhD - DFCI

Lecture (chair: Neal Lindeman)

09.10-09.55 Views about future directions of precision cancer medicine efforts at DFCI/BWH
Jeff Golden, MD; BWH

Case studies in genomic profiling (chair: Aaron Thorner)

09.55-10.25 Developments and applications of RNA-seq
Rafael Irizarry, PhD, DFCI

10.25-10.55 Genomic Characterization and Translation in Gastrointestinal Oncology
Adam Bass, MD, DFCI

10.55-11.25 Understanding the genetics of uncommon brain tumors
Sandro Santagata, MD PhD; DFCI

11.30-01.00 **Lunch at Yawkey 306/307/308 and sponsor visiting**

Lecture (chair: Matthew Meyerson)

01.00-01.45 Lessons from the study of extraordinary responders
David Solit, MD PhD; MSKCC

Precision Cancer Medicine at PROFILE (chair: Paul Van Hummelen)

01.45-02.15 Clinical case reports at Profile
Richard Stone, MD, DFCI

02.15-02.45 Launch of the clinical heme panel by amplicon_seq
Frank Kuo, MD, BWH

02.45-03:15 CanSeq: Incorporating clinical sequencing into the care of cancer patients
Nikhil Wagle, MD, DFCI

Lecture (chair: William Hahn)

03.15-4:00 Gene Fusion Detection with NGS
John Iafrate, MD PhD; MGH

04:00-04:30 **Pizza and drinks**

Tutorials (chair: Ling Lin)

04.30-05.00 What happens when data rolls out of the sequencer?
Matthew Ducar, DFCI

05:00-05.30 CCGD Analysis Developments: Structural variation detection and RNA-seq Analysis
Ryan Abo, PhD, DFCI

Closing remarks: **Paul Van Hummelen**, PhD - CCGD

Date: January 30, 2015
Venue: Jimmy Fund Auditorium, Dana-Farber Cancer Institute, 35 Binney St., Boston, MA, 02115
Registration: Registration is free but encouraged. To reserve your seat: www.cancergenomediscovery.org
Organized by: CCGD, Dana-Farber Cancer Institute **Contact:** Paul_vanhummelen@dfci.harvard.edu

CCGD Center for Cancer Genome Discovery