

Mini-Workshop: Cancer Genomics

Monday October 31, 2011

- 8:00–8:50 *Check-In/Light Breakfast (Hosted by IPAM)*
- 8:50–9:00 *Welcome and Opening Remarks*
- 10:00–10:15 *Break*
- 10:15–11:05 **Stephen Wong** (The Methodist Hospital Research Institute)
A systematic strategy of transcriptional response analysis to identify known drugs for alternate uses in cancer treatment
- 11:15–11:30 *Break*
- 11:30–12:20 **Rachel Karchin** (Johns Hopkins University)
Can high-throughput genomics data identify new therapeutic targets in cancer?
- 12:30–2:30 *Lunch (on your own)*
- 2:30–3:20 **Ben Raphael** (Brown University)
Characterization of Somatic Mutations in Cancer Genomes
- 3:30–4:00 *Break*
- 4:00–4:50 **Niko Beerenwinkel** (ETH Zürich)
Evolutionary dynamics of cancer
- 5:00–6:30 *Reception and Poster Session (Hosted by IPAM)*

Tuesday November 1, 2011

- 8:00–9:00 *Continental Breakfast*
- 9:00–9:50 **Terry Speed** (University of California, Berkeley (UC Berkeley))
Dealing with the GC-content bias in second-generation DNA sequence data
- 10:00–10:15 *Break*
- 10:15–11:05 **Nancy Zhang** (Stanford University)
Copy number profiling in cancer genomics
- 11:15–11:30 *Break*

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- 11:30–12:20 **Obi Griffith** (Lawrence Berkeley Laboratory)
Integration of Omic Data for Prediction of Drug Response in Breast Cancer
- 12:30–2:30 *Lunch (on your own)*
- 2:30–3:20 **Rob Gentleman** (Fred Hutchinson Cancer Research Center)
A Comparison of 454 and Illumina for RNA-sequencing
- 3:30–4:00 *Break*
- 4:00–4:50 **Cenk Sahinalp** (Simon Fraser University)
Population Scale Detection of Common and Rare Genomic Rearrangements and Transcriptomic Aberrations

