NEXT GENERATION SEQUENCING: APPLICATIONS FOR TRANSCRIPTOME STUDIES

WEDNESDAY, MARCH 23, 2011
9:00 AM – 2:00 PM

The Computational Biology Initiative group at Tufts invites you to a half-day informal symposium on applications of next generation sequencing technology. The program includes invited talks from Tufts/TMC researchers and speakers from the Broad Institute and Merck, Inc. Please RSVP to NBonnoyer@tuftsmedicalcenter.org to ensure an accurate head-count for lunch.

Time	Speaker	Topic
9:00 AM – 9:30		Registration and Coffee
9:30	**Lax Iyer**, Tufts / TMC	Welcome and Introduction
9:30 – 10:30	**Mike Zody**, Broad Institute	Challenges and Advances in Analysis of RNA-Seq
10:30 – 10:45	**Kip Bodi**, Tufts	RNA-Seq Data Management and Analysis With Galaxy
10:45 – 11:00	**Joshua Ainsley**, Tufts	Characterizing Dendrite Localized Transcripts using RNA-Seq
11:00 – 11:30		Coffee!
11:30 – 11:45	**Gavin Schnitzler**, Tufts / TMC	Measurement of tissue-specific estrogen responses by RNA-seq
11:45 – 12:00PM	**Lax Iyer**, Tufts / TMC	Digital Expression Profiling of Tanycytes Suggest Molecular Mechanisms for their Biological Function
12:00 – 1:00	**Adnan Derti**, Merck Inc.	Constructing and Quantifying Transcripts with RNA-Seq and PolyA-Seq: Successes and Challenges
1:00 – 2:00		Lunch: Please RSVP

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C N R
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T U / C F **Tufts University Core Facility**

Sackler Room 216A

Arthur M. Sackler Center for Medical Education
145 Harrison Avenue, Boston, MA
Please address questions to:
Lax.Iyer@tufts.edu
genomics.med.tufts.edu/seminars