

IIGB Forum
April 29, 2010: 12:30pm
Genomics Auditorium, Rm 1102

–AGENDA–

I. News

- A. IIGB Member Recognitions:
 - a. Election of Jian-Kang Zhu to National Academy of Science
 - b. Norman Ellstrand: Guggenheim Fellowship for genetics, genomics and Hybridization
 - c. Sean Cutler: Top 10 Breakthrough List for 2009, *Science*
 - d. Timothy Close: 2009 Fellow, American Association for the Advancement of Science (AAAS)
- B. IIGB Awards and Proposals
 - a. Awarded: NIH NCRR Recovery Act Limited Competition: High-End Instrumentation Grant Program (S10): Illumina GAllx Massively Parallel Sequencing Instrument [discussed below] Award Amount: \$742,627.
 - b. Awarded: NSF Research Experience for Undergraduates (REU) Program (2010-2015) – Howard Judelson (PI). Amount: \$614,097.
 - c. Submitted: NSF IGERT Preproposal – Katherine Borkovich (PI)
 - d. In Preparation: NIH Multidisciplinary Training Proposal – Xuemei Chen
 - e. In Preparation: NIH Multidisciplinary Research Proposal – Shou-wei Ding
- C. 2009-10 Budget Reductions:
 - Permanent Budget: IIGB \$10,643 + CEPCEB \$915 = \$11,558
 - Temporary Budget: IIGB \$4,610 + CEPCEB \$5,655 = \$10,265

II. Recent New IIGB Technologies/Initiatives (G. Hicks)

- A. 2010 IIGB Deep Sequencing Innovation Seed Grants – Glenn Hicks
 - a. Three, one-year starter grants to develop novel innovations or applications for deep sequencing in collaboration with IIGB in the amount of \$6,200 awarded to:
 - i. Linda Walling – Dev. of RNA-seq Multiplexing Capabilities at UCR
 - ii. Karin LeRoch/Michael Pirrung - Beyond the fifth base: Expanding high throughput sequencing capabilities to the sixth one (development of methodology to examine genome-wide A methylation)
 - iii. Sam Lewis/Bradley Hyman/Paul Delay - Multiplex sequencing of complete mitochondrial genomes.
- B. New Technologies, Opportunities and Directions for Keen Hall Facilities
 - a. Microscopy Core – David Carter
 - b. Bioinformatics – Thomas Girke
 - c. Proteomics – Songqin Pan

IV. Discussion: Funding of Bioinformatic Programmer (N. Raikhel)

- A. High-throughput Sequencing at UCR – Glenn Hicks
It was determined from the discussion of high-throughput sequencer options to trade-in the current Illumina Genome Analyzer II for an Illumina Hi-Sequencer instrument.
- B. Bioinformatic Support for HT Sequencing after 7/31/10 (N. Raikhel)
Due to the need to secure funding for a programmer after existing funds expire 7/31/10, several faculty members at the forum suggested writing letters of need/justification to the Administration.
- C. Next IIGB Scientific Advisory Board? Focus? Suggestions for Reviewers?

V. Upcoming Events

October 15, 2010, 2-4pm: CEPCEB Award Ceremony

Noel Keen Special Lecturer: Philip Benfey, Paul Kramer Professor and Chair,
Biology Department, Institute for Genome Sciences and Policy, Duke University

VI. Next IIGB Forum?