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
         Instrumentation Grant Program (S10): Illumina GAIIx Massively Parallel
         Sequencing Instrument [discussed below] Award Amount: $742,627.
      b. Awarded: NSF Research Experience for Undergraduates (REU)
      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?