

IIGB FACULTY FORUM
June 12, 2012: 12:00pm
Genomics Auditorium, Rm 1102

-AGENDA-

I. Announcements (N. Raikhel)

A. Recruitments

i. Two Successful IIGB Faculty Recruitments (college-wide):

- Virology: **I-Chueh Huang**, Harvard Medical School (S.-W. Ding Search Committee Chair) – to start 7/1/12 in Cell Biology & Neuroscience.
- Epigenetics: **Fedor Karginov**, Cold Spring Harbor Laboratory (X. Chen Search Committee Chair) – to start 1/1/13 in Cell Biology & Neuroscience.
 - Search Committee Members: A. Dahanukar, S. Gill, T. Girke, D. Lo

Search Committee Chair Shou-wei Ding thanked IIGB members for their interest and involvement, which he believes contributed the success of the recruitment.

Bioinformatics Academic Coordinator: Interviews underway (Thomas Girke Search Committee Chair)

- Search Committee Members: J. Bailey-Serres, G. Hicks, S. Lonardi, A. Ray, J. Stajich

Search Committee Chair Thomas Girke mentioned that interviews have been scheduled for 6/14, 6/19, and 6/21. It is the goal of the committee to have the new Bioinformatics Academic Coordinator III effective 7/1/12. Should a new hire not be secured by 7/1/12, Thomas Girke will continue to manage the IIGB Bioinformatics Core Facility until the position is filled.

B. Recent or Upcoming Events

i. Career Day May 25, 2012 (I. Kaloshian)

- Annual or Biennial

IIGB has now sponsored two annual Career Days for graduate students/postdocs. The frequency of the event was discussed, with some suggesting biennial occurrences. IIGB members suggested a different format for IIGB's Career Day, should the event continue annually. It was recommended that the event be an annual half-day event and the itinerary restructured.

- Next Coordinator? **Anand Ray**.

ii. CEPCEB IGERT Closing Symposium: June 15, 2012, Genomics Auditorium

- T. Eulgem/S. Cutler Coordinators
- Full-day Symposium
- Invited Speaker Stephen Mayfield, Director, San Diego Center for Algae Biotechnology, UC San Diego
- Lunch and refreshments provided

Thomas Eulgem mentioned that the focus of the grant and symposium is chemical biology, and there will be talks by 4-5 PIs in addition to the guest speaker. So far, ~60 students/faculty have registered. The day will end with a reception in the lobby.

C. Recent Instrumentation Acquisition

i. Leica SP5 II Spectral Confocal System (D. Carter)

David Carter informed the group that the new Leica SP5 is located in 1007 Keen Hall and 20 people have already been

trained in its use. The instrument is currently being used as an inverted point scanner but there is interest in using it as an upright. David asked for contributions to outfit the instrument.

II. Faculty Recruitment 2013 (2)

- Areas of Focus? If approved, IIGB will be hiring two new faculty positions in 2012-13. The group was asked to send recommendations for research areas of focus to the IIGB Director.

III. NIH Institutional Training Grants (Ruth L. Kirschstein National Research Service Awards (NRSA) – T32s

A. PI: Xuemei Chen – 2012

B. PI: Alex Raikhel – 2013 – vector biology

Alex Raikhel expressed concern about applying for a T32 grant prior to the establishment of a stronger IIGB mammalian/virology base. With the hire of two new IIGB epigenetics/virology faculty and the recruitment of two additional faculty in Fall 2012, he recommended waiting until 2013. Xuemei Chen has decided to submit her proposal May 2013.

IV. IIGB Instrumentation Core Update

i. Illumina HiSeq Upgrade (G. Hicks)

Glenn Hicks mentioned that a 2000 HiSeq upgrade to 2500 will be available September 2012, allowing greater capability. Alex Raikhel expressed concern over the wait times for Illumina runs. Glenn explained that they often wait to fill all lanes, and that the sequencing output is limited by the number of personnel.

ii. Bioinformatics Data Storage: rental vs purchase (T. Girke)

Thomas Girke proposed a new cost-effective model for use by PIs who have 2-3 Terabytes of data storage. PIs can now purchase storage space instead of renting it, and pay a small fee to the Bioinformatics core for its maintenance and backup.

iii. Two NIH Instrumentation Proposals Submitted

- LTQ Orbitrap Elite Mass Spectrometer: \$651K (Proteomics: Yinsheng Wang/Songqin Pan)
- High-performance Data Storage Systems: \$600K (Bioinformatics: Thomas Girke)
- Matching Funds contributed by Dean's office (small portion: IIGB)

V. IIGB Seed Grants

A. Focus? The group recommended offering seed money for use in the IIGB core facilities.

B. \$20K-\$30K

VI. New/Ongoing IIGB Initiatives

A. Genomics PI Brainstorming Sessions (G. Hicks)

i. Initiated February 2012: will continue throughout 2012-13

ii. Spearheaded by G. Hicks/S. Cutler

iii. Meets Biweekly

iv. Goal: Problem-solving; Collaborations

v. Open to all IIGB PIs

B. IIGB/CEPCEB/CDVR Seminars

i. CEPCEB Seminars (P. Springer, 2012 Coordinator)

- P. Springer/J. Bailey-Serres/ 2013 Coordinators

ii. IIGB Seminars (_____, Coordinator)

Alex Raikhel volunteered to coordinate the IIGB seminars for FY 2013 and asked for seminar speaker suggestions.

iii. CDVR Seminars (J. Pedra, Coordinator)

- C. Student Seminars (Coordinators C. Scott, S. Coffman, E. Brinton)
- D. CDVR Biennial Symposium
 - i. Coordinated by A. Raikhel
Alex Raikhel mentioned that the CDVR Symposium is scheduled for Sept. 29-30, 2012 and that NIH has contributed \$5K. Additionally, IIGB has committed \$2K for the event.
 - ii. Committee: A. Raikhel, J. Pedra, A. Dahanukar, E. Wilson, J. Ng
- E. CEPCEB 10th Anniversary (Coordinators J. Bailey-Serres/L. Walling)
 - i. Date: December 14, 2012
 - ii. Spearheaded by J. Bailey-Serres/L. Walling
 - iii. Confirmed Speakers: Wolf Frommer, Jen Sheen, James Carrington, Susan McCouch
 - iv. Full-day Symposium combined with annual CEPCEB award ceremony

VII. Miscellaneous

- A. Cindy Larive announced that Chemistry has a new Asst. Professor, Huiwang Ai, whose research has a chemical biology focus.