

IIGB FACULTY FORUM
Tuesday, May 27, 2014: 12:00pm
Genomics Auditorium, Rm 1102

–AGENDA–

- I. Announcements (N. Raikhel, S.W. Ding, X. Chen, Z. Yang, A. Ray, T. Girke)**
- A. New Members (Natasha Raikhel)
 - i. New Members – Introduction
 - Naoki Yamanaka (Entomology, CDVR replacement for Joao Pedra)
 - ii. New Staff
 - Jennifer Douglas, IIGB Analyst I (replacing Guille Vallejo)
 - B. New Center Directors (Natasha Raikhel)
 - i. CDVR: Anand Ray (eff. 7/1/14); Currently Peter Atkinson
 - ii. CEPCEB: Julia Bailey Serres (eff. 7/1/13)
 - C. Recruitments
 - i. Status of IIGB-related Faculty Recruitments:
 - Virology (Shou-wei Ding)
 - Search Committee: Shou-wei Ding (Chair), Ayala Rao, Anupama Dahanukar, I-Chueh Huang, David Lo
 - Offer: initially to Ricardo Rajsbaum from Icahn School of Medicine in Mount Sinai Hospital (rejected); currently to James Brien from Washing Univ. School of Medicine in St. Louis, who has requested position for wife, Dr. Pinto. (pending)
 - Molecular and Cellular Biology (Xuemei Chen)
 - Search Committee: Xuemei Chen (Chair), Natasha Raikhel, Yinsheng Wang, Ted Karginov, Iryna Ethell
 - Offer: initially to Wenqian Hu, Whitehead Inst. for Biomedical Research (rejected); then to Katalin Toth, Caltech (also unsuccessful).
 - CEPCEB Plant Cellular Biochemistry (Zhenbiao Yang)
 - Search Committee: Zhenbiao Yang (Chair), Natasha Raikhel, Sean Cutler, Wenwan Zhong, Julia Bailey-Serres
 - Offers Accepted: Jaimie Van Norman, Duke University; Carolyn Rasmussen, University of Wyoming (NR's retention position)
 - CDVR Arthropod-Vector Human Disease (Anand Ray)
 - Search Committee: Alex Raikhel (Chair), Karine LeRoch, Anand Ray, I-Chueh Huang, Emma Wilson
 - Offer: initially to Zhiyong Xi at Michigan State University (rejected); then to Robin Stevens from the University of Texas Medical Branch, Galveston (also rejected).
 - ii. Bioinformatics Academic Coordinator (Thomas Girke)
 - Search Committee Members: Thomas Girke (chair), Julia Bailey-Serres, Glenn Hicks, Stefano Lonardi, Anand Ray, Jason Stajich
 - Offer: Rakesh Kaundal, Oklahoma State University. Accepted and Started 7/1/14.
- II. Faculty Recruitment 2015 (2): (N. Raikhel)**
- Two Asst. Professors: Natasha Raikhel and Shou-wei Ding retentions
 - Areas of Focus (solicitation – send to N. Raikhel/S.W. Ding)

III. IIGB Instrumentation Core Update

i. New Equipment

- NSF MRI: Acquisition of a Big Data Compute Cluster for Interdisciplinary Research (\$880 award)
- Bioinformatics: S10 Award for Big Data Storage Cluster (Thomas Girke)

Thomas stated that \$660,000 was obtained from NIH (S10) for one year of funding and \$880,000 was obtained from NSF. David Lo mentioned that a systemwide clinical genomics center is being created and he and Thomas Girke are representatives from UCR.

- Genomics: MiSeq (acquired through X. Chen's HHMI Appt; an Illumina benchtop sequencer); Qubit nucleic acid/protein quantification; library preps and pooling (Glenn Hicks)
- Proteomics: LTQ Orbitrap Fusion Mass Spectrometer: \$715K (Songqin Pan). Songqin reported that the new Mass Spectrometer is 50-100x more sensitive than the existing QTOF.
- Microscopy: Objective Inverter Optical Adapter for Leica SP5; Critical Point Dryer; Z-Stages and Lenses for Leica SP2 (David Carter) David reported that the Leica SP5 is almost used to saturation and he is trying to add capability to existing confocals in the core. Zhenbiao suggested submitting a NIH High-end instrumentation proposal.

ii. Instrumentation Facility Consortiums/Meetings Update (Glenn Hicks)

Glenn will host the next systemwide meeting to discuss a leasing program for state-of-the-art instrumentation since the UC campuses are obligated to stay at the front of technology to remain competitive.

iii. New High-End Instrumentation Proposals in FY15 (Glenn Hicks)

Glenn reported that a proposal was submitted for an Illumina next-generation sequencer.

IV. New/Ongoing IIGB Initiatives (N. Raikhel)

A. Sound Enclosure for Projector in Genomics Auditorium (installed May 23, 2014)

B. Fob Security Expansion in Genomics Building

- i. All labs will be fob accessible and documented (third and fourth floor devices installed)

C. IIGB PI Luncheon Brainstorming Sessions (N. Raikhel)

- i. Current Coordinators: Hailing Jin/Ted Karginov
- ii. Goal: Problem-solving, Collaborations, Open to all IIGB PIs; held on monthly basis
- iii. Interest level – dismal; eliminate sessions?

IIGB PIs decided to continue this program another year with the same coordinators but perhaps at another time (early a.m. or late p.m.) since the noon hour is not convenient.

D. NSF-CEPCEB REU Program in Plant and Plant-Pathogen Cell Biology (H. Judelson)

- i. Update: Howard noted that Thomas Eulgem will write a renewal proposal since this grant ends in FY15.

E. IIGB/CEPCEB/CDVR Seminars (N. Raikhel)

- i. Every two weeks, not weekly
- ii. PI Involvement in encouraging attendance
- iii. Seminar Coordinators (same for 2014-15):
 - CEPCEB Seminars
 - 2013-14 Coordinators:
Parry Springer/Thomas Girke
 - IIGB Seminars

- 2013-14 Faculty Coordinators:
Iryna Ethell/Jason Stajich
 - CDVR Seminars
 - 2013-14 Faculty Coordinators:
Karine Le Roch/Anupama Dahanukar
 - Student Seminars
 - 2013-14 Student Coordinator:
This has been changed to a postdoc symposium in 2014-15 and is headed by Laetitia Poidevin
- F. CEPCEB Symposium and Award Ceremony (Julia Bailey-Serres)
 - i. Date: December 12, 2014
 - ii. 2014 Noel T. Keen Lecturer: Eva Benkova, Institute of Science and Technology Austria (IST Austria)
 - iii. Symposium similar to last year: need organizers (last year was Venu Reddy and Thomas Girke)
 - iv. 2013-14 Award Committee Members: Venu Reddy Gonehal (chair), Chia-en Chang, Stefano Lonardi, Glenn Hicks, Ruixi Li (Raikhel lab), Yuanyuan Zhao (Chen Lab)
 - v. 2014-15 award committee membership: need new chair; new members?
Isgouhi Kaloshian volunteered to chair this committee.
 - vi. Pre-college Awards
 - State Science Fair held on April 29, 2014
 - Awardees:
 - i. First Place: : **SAUMYA R. KEREMANE** (Martin Luther King High School, Riverside); Poster Title: "An Eco-friendly RNA Interference-based Insect Control for Management of Citrus Greening Disease Using a Model System"
 - ii. Second Place: **EMILY S. WANG**; Poster Title: "Illumination Disease Pathways :Developing Bright Fluorescent Proteins to Improve FRET Biosensing"
 - Judges: David Carter, Shengben Li (Chen lab)
 - RIMS Inland Science and Engineering Fair held on April 2, 2014
 - Awardees:
 - i. First Place: **SAUMYA R. KEREMANE** (Martin Luther King High School, Riverside); Poster Title: "Gene Silencing in Bactericera Cockerelli, vector of Tomato Liberibacter"
 - ii. Honorable Mention: **SABRINA HOUSTON** (Centennial High Schools, Corona/Norco); Poster Title: "Solving Salt Stress: Chemical Genomics with Agricultural Implications"
 - Judges: David Carter, Venu Gonehal, Songqin Pan, Nolan Ung (Raikhel lab)
 - Intel International Science and Engineering Fair held on May 12-13, 2014 in Los Angeles
 - Judge: Songqin Pan
- G. CEPCEB Postdoc/Student Symposium (Julia Bailey-Serres)
 - Date: June 11, 2014
 - Full-day Symposium
 - Organizing Committee: Maureen Hummel (Bailey-Serres lab), Jorge Lazano-Juste (Cutler lab), Laetitia Poidevin (Judelson lab), Brandon Le (Chen lab), Jeremie Bazin (Bailey-Serres lab), Shengben Li (Chen lab), Ousmane Cisse (Stajich lab), Sofia Robb (Stajich lab), Pinky Kain (Ray lab)

- H. Career Day 2014 (Anand Ray)
 - i. Coordinator: Anand Ray
 - ii. Open to IIGB postdocs and students
 - iii. Date: Friday, October 3, 2014
 - iv. Faculty Committee Volunteers?
Bradley White and Xinping Cui volunteered to be on this committee.
- I. 2nd International Hemipteran-Plant Interactions Symposium (HPIS) (Linda Walling) (Isgouhi Kaloshian)
 - i. Committee Members: Linda Walling, Isgouhi Kaloshian, Gregory Walker, James Ng
 - ii. Date: June 22-25, 2014
 - iii. Expected attendance: 120

V. Questions/Comments?

Karine Le Roch mentioned that a California Pathogen Symposium will be held in October. This is the fourth time this symposium has been organized; Anand Ray is assisting.