

# Biochemistry and Molecular Biology NOTES

Volume 18, No. 9 September, 2005



**We are looking forward  
to seeing YOU at the  
Biochem Family Picnic**

Don't forget that the 3rd Annual Biochem Family Picnic will be held on **Friday, Sept 9 at the Eagle Crest Group Picnic Area at Eagle Creek Park** at 7201 Fishback Road (off Raceway Road, north of 71st Street). **The picnic starts at 1:00 p.m.** At 3:30 there's a softball game between faculty and students. Volleyball and soccer will also be available. Bring your spouse, kids, and/or significant other and join us - rain or shine - for an afternoon of food and fun. Although the department is providing the sandwiches, please feel free to bring your favorite picnic food to share. **Maps are available in the Biochem office.** If you'd like to volunteer to help set up, clean up, or be a grill master, please contact grad student representative **Luke Dannenberg** at 274-8488.

## **Don't forget! 2005 Biochemistry and Molecular Biology Research Day**

**Friday, September 30, 2005  
1 – 5 p.m. in the Medical  
Science Building Atrium**

Research Day is an important event for the department. It provides opportunities for:

- ▶ Faculty, post-docs, current and new students to meet
- ▶ Lots of posters!
- ▶ Dr. Zhang will update us on departmental activities and plans for the coming year
- ▶ Presentation of Awards

If you plan to present a poster at this year's event, please contact Pam Nichols in the Biochem Office (pnichol@iupui.edu; 274-2719) before **Friday, September 16** with your name and the poster title and a copy of the abstract. Posters need to be displayed in the atrium by **11 a.m. on Friday, September 30**. The presenter must be in attendance during the appointed time.

**POSTER AWARDS THIS YEAR:** there will be four (4) awards of \$100 each for students and post-docs. Winners will be announced at the awards ceremony in MS 326 starting at 4:30 p.m.

### Schedule of Events

**1 – 2:30 p.m. 1<sup>st</sup> session of  
Poster presentations  
Location: Med Science Atrium**

**2:30 – 4 p.m. 2<sup>nd</sup> session of  
Poster presentations  
Location: Med Science Atrium**

**4:30 – 5 p.m. Comments from  
Chairman – Zhong-Yin Zhang  
Location: MS 326**

**Awards Ceremony – Mark  
Goebel**  
PEGGY GIBSON AWARD for  
best paper by a student  
JACK DAVIS AWARD for best  
student seminar  
OUTSTANDING MENTOR  
AWARD – *presented by grad  
students*  
POSTER AWARDS – *Anna  
DePaoli-Roach*

## Ragatz Steps Down

After nineteen years as assistant dean and director of the IUSM-Fort Wayne, **Barth Ragatz** has decided to step down. While Dr. Ragatz will continue to oversee planning and fund-raising for the new facility for IUSM education and research program, Joel Vilensky will take over his other responsibilities as interim director.

## Congratulations!

Congratulations to **Tracy Anthony** for receiving a grant from the American Institute For Cancer Research for her new research on “Increased Dietary Supply of Glutamine to Improve Chemotherapeutic Efficacy of Asparaginase”.

**Mervin Yoder** has been elected vice-president of the International Society for Experimental Hematology for 2005-06. He will serve as president elect in 2006-07 and as president during 2007-08. Dr. Yoder is the fourth IUSM faculty member to be elected president of this society.

Congrats to **David Potter** for receiving funding from the Walther Cancer Institute for his new project, “Cytochrome P450 Mechanisms of Non-small Cell Lung Cancer Progression”.

## Recent Publications

Wittchen, E.S., Worthylake, R.A., Kelly, P., Casey, P.J., **Quilliam, L.A.** and Burridge, K. (2005). Rap1 GTPase Inhibits Leukocyte Transmigration by Promoting Endothelial Barrier Function. *J. Biol. Chem.*, **280**, 11675-11682.



Zhanxiang Wang – Post Doc (Thurmond)

## New Faces in Biochemistry



Jun Wang – Research Analyst (Edenberg)



Justin Babcock – Graduate Student



Emily Miner – Hourly (T. Hurley)



Raphael Tonade – Hourly (Thurmond)



Sirisha Pochareddy – Graduate Student





## September Seminars

### Biochemistry

9/12 **Dr. Millie Georgiadis**, Associate Professor, Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“A high-throughput, high-resolution pathway to the discovery of specific drug-DNA interactions”** 4:00 p.m. - MS 326

9/19 **Dr. Peter Penzes**, Assistant Professor, Department of Physiology, Northwestern University Feinberg School of Medicine, Chicago, IL. Topic: **“Regulation of synaptic structural plasticity by small GTPases”** 4:00 p.m. - MS 326

9/26 **Dr. Barbara Hocevar**, Assistant Professor, Department of Pharmacology and Toxicology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“Regulation of the TGF $\beta$  and Wnt signaling pathways by Disabled-2”** 4:00 p.m. - MS 326

### Center for Diabetes Research

9/13 **Dr. Michael Sturek**, Professor, Department of Cellular and Integrative Physiology, Indiana University School of Medicine, Indianapolis, IN. Topic: **“Swine model of the metabolic syndrome: opportunities for multidisciplinary research”** 4:00 p.m. - MF 122A (Daly Center)

9/27 **Dr. Ravi Shankar**, Assistant Professor, Department of Pediatrics, Section of Pediatric Endocrinology and Diabetes, Indiana University School of Medicine, Indianapolis, IN. Topic: **“Metabolic Syndrome in Children: What does it mean?”** at 4:00 p.m. - MF 122A (Daly Center)

### Center for Computational Biology and Bioinformatics

9/9 **Dr. Yaoqi Zhou**, Associate Professor Physiology/Biophysics, State University of New York at Buffalo. Title: **“Profile-based methods in protein-structure prediction and multiple sequence alignment”** 10:00 a.m. - EH 304

9/30 **Roland Ivan-Nagy., PhD** student at Ecole Normale Supérieure de Lyon. **“Disordered RNA chaperone proteins: functions and predictions”** at MF (Daly Center) Room 186 - 10:00 a.m.

### Student Seminars Noon - MS 326

9/7	Raji Muthukrishnan	Jill Butler
9/14	Monique Pierre	Mandar Joshi
9/21	Li Fan	
9/28	Christopher Lux	





Open House for Dr.  
Zhong-Yin Zhang  
8/25/05



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