

# Biochemistry and Molecular Biology



# NOTES



Volume 17, No, 3

June 2004

## Congratulations!

The 2004 School of Medicine Senior Banquet honored the efforts of students and faculty on Friday, May 7. The banquet is held annually the Friday before graduation. Awards presented included a presentation to **Bob Harris** as a Basic Science Award Winner for Indianapolis.



Congratulations to **Wei Wang** and **Dong Ji** on the birth of their son, Dan Siliang. Little Dan was born on Sunday, May 23, 2004. He was 6 pounds, 13 ounces and 20½ inches long.

We congratulate **Mu Wang, Ph.D.** on his appointment as Assistant Professor of Biochemistry and Molecular Biology effective May 1, 2004. His research lab is located at BRTC Room 345, phone 278-4964, and his office is at BRTC Room 312, phone 278-0296. His email address stays the same: [muwang@iupui.edu](mailto:muwang@iupui.edu). He will also serve as the Director of Academic Protein Analysis and Reserch Services for the Indiana Centers for Applied Protein Sciences (INCAPS) located in the IUETC building at 351 W. 10th Street, Suite 350.

## Molecular Biology Workshop June 14 through July 1

The 2004 Molecular Biology Workshop will be Mondays through Fridays beginning June 14 through July 1. It was previously reported that the workshops began June 15. For more information about the workshop, see [www.iupui.edu/~mbwkshp/](http://www.iupui.edu/~mbwkshp/), or contact Chao-Hung Lee, Ph.D., at 274-2596, or [chlee@iupui.edu](mailto:chlee@iupui.edu).

### New Grant Awards

Congratulations to **Debbie Thurmond** on a new NIH R01 Award for her project, Regulation of Glucose Homeostasis by Munc18 Proteins.

And kudos to **Reuben Kapur** on a new NIH research award for his project, Mechanism of Adhesion and Growth Control in Stem Cells.

### Time to renew parking permits

Faculty and staff parking permits will expire June 30. IUPUI Parking Services has begun accepting renewals for 2004-2005 permits. Permits may be renewed in person at the Parking Services office in the Vermont Street Garage. Permits also can be renewed online prior to their expiration date at [www.parking.iupui.edu](http://www.parking.iupui.edu).

---

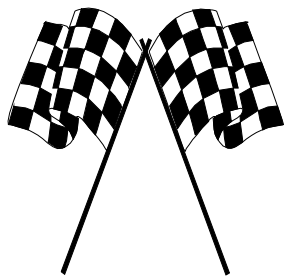
## June Seminars

*Biochemistry Seminars*  
Mondays 4 pm, MS 326

6/17 **Dr. Cecile Julier,**  
“Genetics of Type 1 Diabetes:  
from rare to frequent diseases”  
12:00 PM MS B26

## Important Dates

- 7/1 NIH Competing continuations
- 7/12 American Heart Assn. - National
- 7/13 American Heart Assn. - Midwest
- 7/15 American Diabetes Assn.
- 8/25 Classes begin



## Recent Publications

Guo Y, Einhorn L, **Kelley M**, Hirota K, Yodoi J, Reinbold R, Scholer H, Ramsey H, Hromas R. Redox Regulation of the Embryonic Stem Cell Transcription Factor Oct-4 by Thioredoxin. *Stem Cells*. 2004 May;22(3):259-264.

**Kelley MR**, Tompkinson AE, Williams KJ, Drinkwater NR, Fung VA. Frontiers of mutagenesis and DNA repair: a workshop. *Cancer Res*. 2004 May 1;64(9):3357-60.

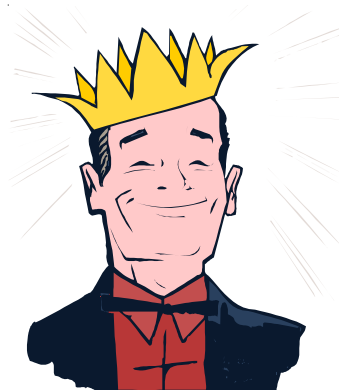
The Chemical Pathology Study Section, Center for Scientific Review, NIH hosted a 1-day workshop in Ventura, California, in the winter of 2003. There were 32 invited participants including invited speakers. The workshop consisted of three sessions and focused on recent developments in our understanding of the molecular mechanisms of mutagenesis and DNA repair, namely, error-prone DNA polymerases, DNA repair models and DNA repair networks.

## Co-Investigator Signatures Required On New IRB Study Submissions

Effectively immediately, all new IRB applications will require written acknowledgement from all co-investigators.

Acknowledgement can be in the form of an e-mail or letter from co-investigators and included with the application or the co-investigator(s) signature(s) on the summary safeguard statement. Signatures, letters, acknowledgement and/or e-mails must be submitted to the IRB before final approval can be granted. Additionally, whenever a co-investigator is added to a study (i.e., via an amendment), this certification must be included.

The purpose of this action is to insure that co-investigators have knowledge of their participation in any particular study.



---

## Welcome



**Patty Dilworth** is a Principal Accounts Clerk in the Biochem Office. She also processes purchasing requisitions for Biochem labs in Med Science building.



**Suzanne Block** is a Financial Affairs Assistant for departmental accounts and provides financial and administrative assistance to Dr. Edenberg and the Center for Medical Genomics.

## **Biacore Interest Group Meeting Held in Indianapolis on June 10, 2004**

**When:** Thursday, June 10, 2004 10:00 AM - 1:00 PM

**Where:** Biotechnology Research and Training Center Room 305  
1345 W. 16th Street, Indiana University School of Medicine  
Indianapolis, IN 46202

### ***Meeting Agenda:***

10:00 - 10:15 AM Registration

10:15 - 11:00 AM Workshop Pre-Session - included an introduction to the basics of Biacore technology, an overview of how Biacore instruments work, and how the interaction is analyzed. This was a very helpful session if Biacore technology was new to you.

11:00 - 11:30 AM Question & Answer Session - attendees asked assay-related questions

\*\*\*\*\* Lunch Break \*\*\*\*\*

12:15 PM - 1:00 PM Guest Speaker - **Jos Buijs, Ph.D.**, Research Scientist, Biacore AB, Uppsala, Sweden - "Integrating surface plasmon resonance with mass spectrometry: observe interactions and identify the binding partners"

This was an excellent opportunity for new and experienced users to get more insight into Biacore. We enjoyed seeing you there and the interesting discussions that took place.



---

# New Faces in Biochemistry



Jie Sun  
Dunker Lab  
Visiting Research Assoc.



Virginia Reed  
Thurmond Lab  
Grad Student from Physiology



Saima Zaidi  
Dunker Lab  
Visiting Research Assoc.



Jason Baird  
Dunker Lab  
Summer Student



Jason Hanna  
DNA Sequencing Lab  
Summer Student



Christina Houston  
Bosron Lab  
Summer Student



Udhay Joseph  
Protein Expression Lab  
Summer Student



Amy Lewis  
Dunker Lab  
Summer Student



Alice Nakatsuka  
Bosron Lab  
Summer Student



Rafeela Nalim  
Protein Expression Lab  
Student - Hourly



Megan Sickmeier  
Dunker Lab  
Summer Student



Jordon Swensson  
Georgiadis Lab  
Summer Student



Elizabeth Tuttle  
Dunker Lab  
Summer Student



Meghan White  
Goebel Lab  
Summer Student



Sean Woodruff  
J. Hurley Lab  
Summer Student