



**Hong Chang** is an hourly employee working for Dr. Helen Jiang in Ron Wek's lab.

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## New Faces in Biochem

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**Ian Fingerman** is a new postdoc in Dr. Georgiadis' lab.

### Welcome

**David Ingram, M.D.** and **Reuben Kapur, Ph.D.**, both of the Herman B Wells Center for Pediatric Research, have secondary appointments with the department as Assistant Professors. **Kari Clase, Ph.D.** of the Muncie Center for Medical Education is appointed as an Adjunct Assistant Professor with Biochemistry. And **Ariel Fernandez, Ph.D.** of the School of Informatics is appointed as an Adjunct Professor with our department. Welcome to all!

## FDA Approves Plenaxis!!!

On Nov. 25, 2003, the U.S. Food and Drug Administration (FDA) approved the use of Plenaxis for the treatment of prostate cancer.

Plenaxis is a peptide antagonist of gonadotropin releasing hormone (GnRH) which acts on the pituitary, preventing release of testosterone.

The drug is the product of many years of research in Dr. Roger Roeske's lab. The patent rights were acquired from I.U. by the Praecis Pharmaceutical Company of Waltham, Massachusetts, which plans to bring it to market early in the first quarter of 2004. Congratulations to Roger on a job well done!

### Affymetrix microarray workshop - Dec. 15

The Center for Medical Genomics is hosting a workshop on analysis of Affymetrix microarray data from 10 a.m. until noon Monday, Dec. 15, in Van Nuys Medical Sciences Building, room 326.

The workshop will demonstrate how to use the analytical/informatics tool MicroArray Data Portal to analyze data from typical experiments, and how to link to bioinformatics resources to aid in understanding the results.

The workshop will be appropriate for investigators planning to use Affymetrix microarrays, as well as investigators who want to improve their ability to analyze completed experiments.

For additional information, contact Howard Edenberg, PhD, at 274-2353, or [edenberg@iupui.edu](mailto:edenberg@iupui.edu)  
<<mailto:edenberg@iupui.edu>>

# December Seminars

## *Biochemistry Seminars Mondays 4 pm, MS 326*

**12/1 Dr. Ormund A MacDougald**, Associate Professor, Department of Molecular & Integrative Physiology, University of Michigan. **“Role of Wnt10b in Development of Adipose, Bone and Muscle”**

**12/8 Dr. Keith Dunker**, Professor of Computational Biology and Bioinformatics, Indiana University School of Medicine. **“Intrinsic Disorder and Protein Function”**

**12/15 Dr. Thomas P. Burris**, Senior Research Scientist, Leader Nuclear Receptor Biology Platform, Gene Regulation Research at Lilly Research Laboratories. **“LXR’s, Nuclear Receptor Regulators of Cholesterol and Glucose Metabolism”**

## *Biochemistry Student Seminars Wednesdays, 12 Noon, MS 311*

**12/3 Sirisha Asuri**



## *IUSM Combined Seminar Series Wednesdays, 4:00, Cancer Research (R4) Auditorium 101*

**12/3 Richard Longnecker, Ph.D.**, Director, Viral Oncogenesis, Lurie Cancer Center and Northwestern Medical School; Chicago, IL. **“How to Enter and Survive in B Cells — Lessons from Epstein-Barr Virus”**

**12/10 Michael Colvin, M.D.**, Director, Duke Comprehensive Cancer Center; Durham, NC. **“Enzymatic Activity, Isolation Techniques, and Differentiation Properties of Hematopoietic Stem Cells”**

**12/17 Thomas J. MacVittie, Ph.D.**, Depts. of Radiation Oncology and Pathology, University of Maryland; College Park, MD. **“Ex Vivo Expansion of HSCs?: The Nonhuman Primate as a Pre-Clinical Model”**

## *Other Seminars of Interest*

**12/1 12:00pm Gonzalo Torres, Ph.D.**, Howard Hughes Medical Institute, Duke University; Durham, NC. **Stark Neurosciences Research Institute [R2], Room 402. “Defining New Mechanisms of Dopamine Transporter Regulation Through Novel Protein-Protein Interactions”**

**12/5 7:30am . Maureen Harrington, Ph.D.**, Dept. of Biochemistry/Molecular Biology; IUSM. **IU Cancer Pavilion [RT] 101. “Multidimensional Approach Toward Studying TNF $\alpha$  Signaling”**

**12/9 4:00pm Maureen Harrington, Ph.D.**, Dept. of Biochemistry/Molecular Biology; IUSM. **Daly Student Center 185. “The Cascade of Cytokines”**

**12/9 4:00pm Dr. Kenneth Ramos**, Dept. of Biochemistry/Molecular Biology, University of Louisville Health Sciences Center; Louisville, KY. **Daly Student Center, Room 122. “Redox-Regulation of a Novel L1 Element in Mammalian Cells”**

**12/11 12:00pm Rick Thielen, Ph.D.**, Dept. of Psychiatry, Section of Neurobiology; IUSM. **Institute of Psychiatric Research [PR], Room 115. “Ethanol and the Serotonergic System: Studies in P and NP Rats”**

## Important Dates

**12/8 Biochem final exam**  
**12/16 Biochem Christmas Party**  
**12/25 Christmas**  
**1/1/04 Happy New Year!**  
**1/12 Classes begin**  
**1/19 Martin Luther King Jr. Day**  
**4/22 Classes end**  
**5/7 Exams end**

## Recent Publications

Freitas, S., Moore, D.H., Michael, H. and **Kelley, M.R.** (2003) Studies of APE1/ref-1 expression in epithelial ovarian cancer: Correlations with tumor progression and platinum resistance. *Clinical Cancer Res.* 15;9(13):4689-94.

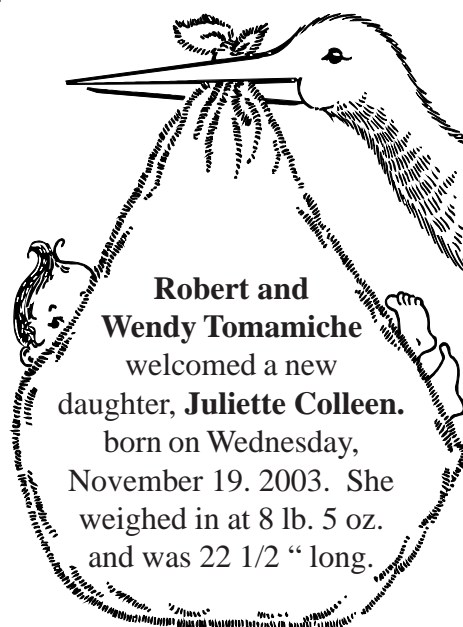
Abe, T; Lu, X; **Jiang, Y;** Boccone, CE; Qian, S; **Vattem, KM; Wek, RC; Walsh, JP** (2003) Site-directed mutagenesis of the active site of diacylglycerol kinase alpha: calcium and phosphatidylserine stimulate enzyme activity via distinct mechanisms *Biochem. J.* 375: 673-680

Zheng-Ming Wang, Xinna Li, **Ross R. Cocklin**, Minhui Wang, **Mu Wang**, Koichi Fukase, Seiichi Inamura, Shoichi Kusumoto, Dipika Gupta, and Roman Dziarski (2003) Human Peptidoglycan Recognition Protein-L Is an N-Acetylmuramoyl-L-alanine Amidase *J. Biol. Chem.* 278: 49044-49052.

## Congratulations!

**Mikael Rinne**, a combined degree student currently completing his doctoral studies, was honored with Dr. J. William Wright Sr. Scholarship Nov. 6 at the Walther Cancer Institute's 18th annual dinner. The \$5,000 scholarship award is given to students in their third or fourth year of medical school or to physicians early in their post-graduate medical education programs. They recognize outstanding clinical accomplishments, academic achievements and a commitment to conducting research related to cancer.

**Jaime Bristow**, a research tech in the Proteomics Core Lab, married Dan Smith on Saturday, November 1<sup>st</sup> in Indianapolis. Congratulations, Jaime!



**Robert and Wendy Tomamiche** welcomed a new daughter, **Juliette Colleen**, born on Wednesday, November 19, 2003. She weighed in at 8 lb. 5 oz. and was 22 1/2 " long.

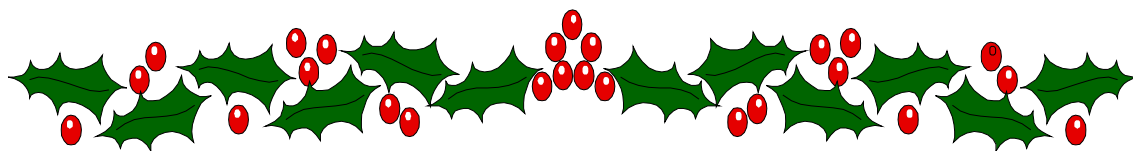


Grad students **Erin Haag and Marcus Breese** were married on October 25, 2003. The ceremony was at St. Mary's Catholic Church and the reception was at the Westin downtown. They honeymooned in Hawaii, spending half of the time in Kauai and the other half in Maui. Our congratulations to you both!

JOY TO THE WORLD



Our condolences to **Hye-Sook Kwon** on the recent death of her father.



# You're Invited to the 2003 Biochemistry Christmas Party!

Please join us on **Tuesday, December 16 at 12:00 noon** in  
the first floor atrium of the Medical Science Building  
annex.

The Department will provide a wonderful catered buffet  
lunch of lasagna, Italian garden salad, creamy cole slaw,  
sweet buttered corn, herbed red potatoes, Brown County  
biscuits with apple butter, lemonade, soft drinks, and  
coffee.



## **DESSERTS! WE NEED DESSERTS!**

Please feel free to bring any dessert you'd like to share.  
We can never have too many!



## **SANTA SIGHTING**



Santa will be on hand to present some special awards.

## **DOOR PRIZES, TOO**

The nametags are the way to win.

## **STEALING BINGO**

A fun way to take home prizes!



# WE HOPE TO SEE YOU THERE!

