

# Biochemistry and Molecular Biology



# NOTES



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February 2005

## Congratulations!

### A Wedding!

Graduate student **Sunyong Tang** of Matt Grow's lab married Min Zhang on Friday, January 28<sup>th</sup> at City Hall. Min Zhang is a graduate student working towards her Ph.D. in the Department of Cellular & Integrative Physiology.

### New Awards

The Cancer Biology Training Program received an NCI T32 Research Training Grant for 2005-09. The first year will fund two pre-docs and three post-docs, while the number of post-docs will increase to six for remaining years of funding. Dr. Ann Roman is the PI and twenty-seven basic science and clinical faculty serve as preceptors.

Congratulations to **Merv Yoder** for his new NIH-NHLBI award for the project, "Endothelial Cell Role in Yolk Sac Stem Cell Development".

Congrats to **Sonal Sanghani** on joining the IU Cancer Center as an associate member of the Experimental and Developmental Therapeutics Program and the developing Gastrointestinal Cancer Program.

### New Babies

Congratulations to grad student **Donghui Zhou** and his wife **Minghua Zhong** on the birth of their twin daughters, Jia Ming and Jia Yi. They were born on Tuesday, February 1, 2005. Everyone is doing well.

Congratulations to **Yong Luo** (grad student in Maureen Harrington's lab) and **Xiaohui (Christine) Zhang** on the birth of their son, Andrew. Little Andrew was born on Feb 1, 2005. He weighed 7 pounds, 6.7oz and his height is 20.5 inches. Both mom and baby are doing well.

### New Graduate Students



**Kirk Habegger**



**Jingliang Yan**

## February Seminars

### *Biochemistry Seminars* Mondays 4 pm, MS B26

2/14 **Dr. Hongmiao Sheng**, Associate Professor, Department of Surgery, IUSM, "Cyclooxygenase-2 (COX-2) and Ras Signaling".

2/21 **Dr. Jorge Capdevila**, Professor, Departments of Medicine and Biochemistry, Vanderbilt University Medical School, Nashville, TN. "The P450 Monooxygenase and the Bioactivation of Arachidonic Acid: Roles of Renal Physiology and Pathophysiology".

2/28 **Dr. Daniel Szymanski**, Associate Professor, Department of Agronomy, Purdue University, Nashville, TN. "A SPIKE-4 is an upstream regulator of the WAVE and Arp2/3 complexes during epidermal morphogenesis".

### *Biochemistry Student Seminars* Wednesdays, 12 Noon, MS B16

2/2 **Brian Beck**  
2/9 **Heather Ringham**  
2/16 **Li Fan**  
**Subha Krishnan**  
2/23 **Lin Lin**

### *Center for Diabetes Research Seminars, Tuesdays, 4:00 pm, Daly Student Ctr. 122A*

2/15 **Dr. John Watkins**, Professor of Pharmacology and Toxicology and Adjunct Professor of Optometry, Medical Sciences Program, Indiana University, Bloomington, IN. "Effects of a low carbohydrate diet on markers of oxidative stress from diabetic and non-diabetic rats".

### *Biochemistry and Molecular Biology Research Seminar Series, Every other Thursday, 12:00 noon MS B16*

2/17 **Dr. Krishna Vattem**, Assistant Research Professor. "Translation and Control of Stress Response".

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

2/9 – **Marc Symons**, PhD, Associate Investigator and Associate Professor, The North Shore-Long Island Jewish Research Institute, Associate Professor of Surgery and of Anatomy and Structural Biology, Albert Einstein College of Medicine. "Roles of Rac GTPases in Tumor Cell Migration and Invasion".

2/16 – To be announced

2/3 – **Edward Leof**, PhD, Associate Director of Basic Sciences, Mayo Clinic Cancer Center, topic to be announced.

### **Indiana Biomedical Entrepreneur Network Meeting**

This month's Indiana Biomedical Entrepreneur Network meeting is going to be held on Tuesday, Feb 8 at 4:30pm at the University Place Conference Center. As before, the event is free and registration is requested at <http://www.ihif.org/>. This month they are proud to have two excellent presenters, the founder of Sagian Systems (now Beckman Coulter), Scott Atkin, and the CEO of Biostorage Technologies, John Mills. This should be an excellent event.

## Recent Publications

Felekkis, K.N., Narsimhan, R.P., Near, R. **Castro A.F.**, Zheng, Y., **Quilliam L.A.**, and Lerner, A. (2005). AND-34 activates phosphatidylinositol 3-kinase and induces anti-estrogen resistance in a SH2 and GDP exchange factor-like domain-dependent manner. *Mol. Cancer Res.* **3**, 32-41.

Michael R. Vasko, Chunlu Guo and **Mark R. Kelley**. (2005) The multifunctional DNA repair/redox enzyme Ape1/Ref-1 promotes survival of neurons after oxidative stress. *DNA Repair*, Volume **4**, Issue 3, 2 March 2005, pages 367-369.