

# Biochemistry and MOLECULAR BIOLOGY

RETREAT  
Sept 9

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# NOTES

Volume 13, No.6

September 2000

## Recent Publications

**Hurley, J.H.**, Cahill, A.L., Currie, K.P.M., and Fox, A.P. (2000) The role of dynamic palmitoylation in  $Ca^{2+}$  channel inactivation *Proc. Natl. Acad. Sci.* **7**:9293-8.

Sloop, K.W., Walvoord, E.C., Showalter, A.D., Pescovitz, O.H. and **Rhodes, S.J.** (2000). Molecular analysis of LHX3 and PROP-1 in pituitary hormone deficiency patients with posterior pituitary ectopia. *J. Clin. Endo. Metab.* **85**: 2701-2708.

Smith, R. and **Rhodes, S.J.** (2000). Applications of develop-

mental biology to medicine and animal agriculture. *Prog. in Drug Res.* **54**: 155-198.

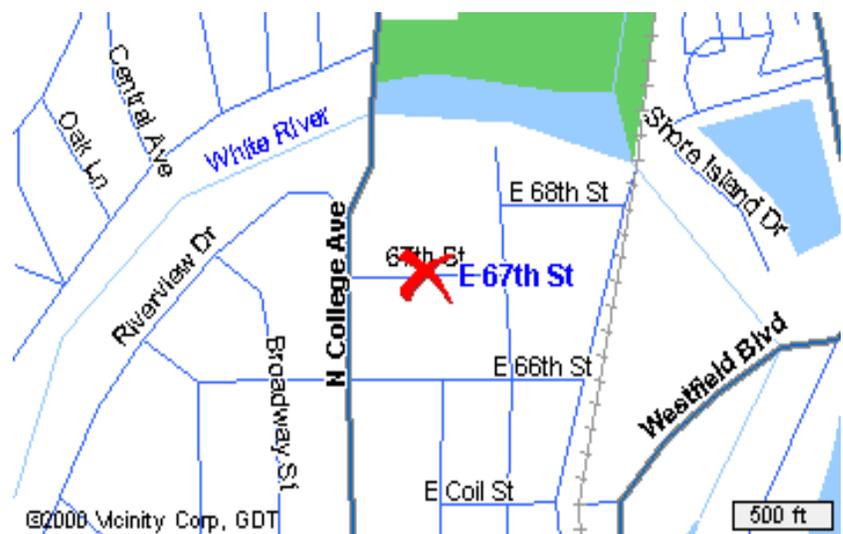
Parker, G.E., Sandoval, R.M., Feister, H.A., Bidwell, J.P. and **Rhodes, S.J.** (2000). The homeodomain coordinates nuclear entry of the Lhx3 neuroendocrine transcription factor and association with the nuclear matrix. *J. Biol. Chem.* **275**: 23891-23898.

Sloop, K.W., Showalter, A.D., Von Kap-Herr, C., Pettenati, M.J. and **Rhodes, S.J.** (2000). Analysis of the human LHX3 neuroen-

doctrine transcription factor gene and mapping to the subtelomeric region of chromosome 9. *Gene* **245**: 237-243.

Jane Pinaire, Rqavishankar Hasanadka, Michelle Fang, Wan-Yin Chou, Mark J. Stewart, Weibe Kruijer and **David Crabb.** (2000) The Retinoid X Receptor Response Element in the Human Aldehyde Dehydrogenase 2 Promoter is Antagonized by the Chicken Ovalbumin Upstream Promoter Family of Orphan Receptors. *Arch. Biochem. Biophys.* **380**:192-200.

See you at  
the Retreat!  
September 9  
at the Indian-  
apolis Arts  
Center!



# September Seminars

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

**9/11 Dr. Anna A. DePaoli-Roach**, Professor, Department of Biochemistry and Molecular Biology, IUSM; "*Hormonal and Neuronal Control of Glycogen Metabolism: Insights from Transgenic and Knockout Models*"

**9/18 Dr. David Potter**, Associate Professor, Division of Hematology/Oncology, Department of Medicine, IUSM "*Roles for Calcineurin Proteases in Cell Motility and Differentiation*"

**9/25 Dr. Harry Charbonneau**, Associate Professor, Department of Biochemistry, Purdue University, West Lafayette, IN ; "*Role of the Cdc14 Protein Phosphatase in Triggering Exit from Mitosis*"

## ***Center for Diabetes Research Seminar, Alternate Tuesdays, 4:00 pm, MS 326***

**9/12 Dr. James Herrington**, Assistant Research Scientist, Department of Physiology, University of Michigan, Ann Arbor, MI. "*Growth hormone signaling: roles of ion channels, STATs and the actin cytoskeleton*"

**9/26 Dr. Mathew Brady**, Senior Scientist, Department of Cell Biology, Pfizer Global Research & Development, Ann Arbor, MI. "*Role of Spatial Compartmentalization in the Activation of Glycogen Synthase by Insulin*"

## ***Biochemistry Student Seminars*** ***Wednesdays, 12 Noon, MS A506***

**9/6 Yu Li**  
**9/13 Jing Zhou**  
**9/20 Trevor Starnes**  
**9/27 Kun Ma**

## ***Other Seminars of Interest***

**9/6 Dr. David A. Potter**, Div. of Hematology/Oncology, Dept. of Medicine, IUSM "*Calpain Proteases and Cancer Cell Motility*" 4:00 p.m. Cancer Research Institute Auditorium 101

**9/8 Dr. Mark Marshall**, Dept. of Biochemistry/ Molecular Biology and Walther Oncology Center, IUSM "*Signal Transduction for Dummies*" 7:30 a.m. Cancer Research Institute Auditorium 101.

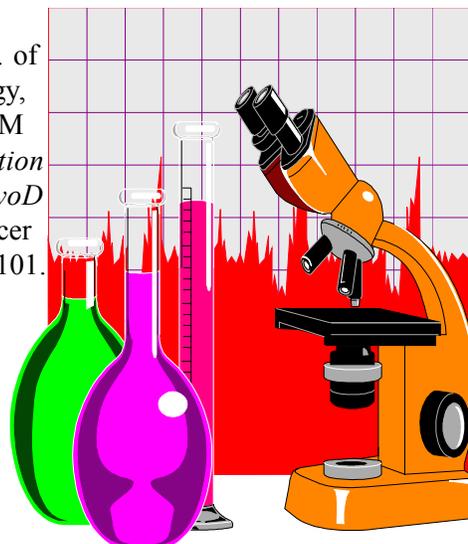
**9/13 Dr. John W. Hawes**, Director, Biochemistry Biotechnology Facility, Dept. of Biochemistry/ Molecular Biology, IUSM "*Real-Time PCR Technology and Applications*" 4:00 p.m. Cancer Research Institute Auditorium 101.

**9/20 Dr. Mark Goebel**, Dept. of Biochemistry /Molecular Biology, Walther Oncology Center, IUSM "*The role of protein degradation in controlling activities of MyoD and p27 kip1*" 4:00 p.m. Cancer Research Institute Auditorium 101.

**9/22 Dr. Jack Roberts**, Depts. of Medicine and Pharmacology, Vanderbilt University School of Medicine; Nashville, TN "*Isoprostanes and Related Compounds: Novel Products of Lipid Peroxidation*" 12:00 noon. . Medical Science A506.

**9/27 Dr. John Foley**, Dept. of Anatomy, Medical Sciences; Bloomington, IN "*Malignancy Associated Hypercalcemia Factor PTHrP: Patterning, Paradigms, and Pathology*" 4:00 p.m. Cancer Research Institute Auditorium 101.

**9/28 Dr. Justin D. Radolf**, Director, Center for Microbial Pathogenesis, University of Connecticut Health Center; Farmington, CT. "*Molecular Architecture of Treponema Pallidum and the Quest for Rare T. Pallidum Outer Membrane Proteins*" 4:00 p.m. Medical Science 326.





## September Birthdays

- 9/2     **Jingyuan Liu**
- 9/5     **Mik Rinne**
- 9/7     **Jing Yiang**
- 9/10    **Dave Crabb**
- 9/26    **Hui Zong**
- 9/30    **Kun Ma**
- 9/30    **Prianto Moeljadi**

### Retreat Schedule

#### Saturday, September 9, 2000

- 8:00    Continental Breakfast and Poster Set-up (*Posters in East and West Drawing Studios and on north Portico*)
- 8:30    Opening Remarks and Introduction of New Students - Bob Harris and Mark Goebel (*Auditorium*)
- 8:40    Research Presentation I: 5 talks (*Auditorium*)
- 10:20   Poster Session I: A-L, and refreshments (*East and West Drawing Studios and on north Portico*)
- 11:40   Picnic Lunch and viewing posters (*Library and surrounding rooms*)
- 12:40   Research Presentation II: 4 talks (*Auditorium*)
- 2:00    Poster Session II: M-Z; volleyball and refreshments (*Posters in East and West Drawing Studio and on north Portico; and outside the north end of building for volleyball*)
- 3:30    Research Presentation III: 3 talks (*Auditorium*)
- 4:30    Comments from Chairman (*Auditorium*)
- 4:45    Awards Ceremony - Mark Goebel (*Auditorium*)  
          Peggy Gibson Award for best paper by a student  
          Jack Davis Award for best student seminar



## Important dates

- 9/4     **LABOR DAY**
- 9/9     **BIOCHEM RETREAT**
- 9/16    **Fall break**
- 10/1    NIH new research
- 11/1    NIH competing renewals
- 11/23   **THANKSGIVING**
- 11/24   **FRIDAY AFTER THANKSGIVING**
- 12/11   Finals begin
- 12/25   **MERRY CHRISTMAS**
- 1/1/01   **HAPPY NEW YEAR**
- 1/8     Classes begin
- 2/1     NIH new research
- 3/12    Spring break begins
- 4/30    Finals begin
- 5/13    Commencement

## Dean's Office Deadlines - Sept

- 9/5     Cancer Research Foundation of America
- 9/20    March of Dimes Birth Defects Foundation - Invited submission of basic research grants
- 9/13    NIH New Research
- 9/13    American Diabetes Association
- 9/13    Leukemia and Lymphoma Society - Career Development Awards

## Dean's Office Deadlines-Oct & Nov

- 10/4    American Cancer Society
- 10/20   American Lung Assn.
- 10/20   NIH Competing Renewals
- 11/1    American Heart Assn.-Midwest Affiliate
- 11/1    National Kidney Foundation of Indiana

# New Faces in Biochemistry



Tyler Fredenburg,  
Research technician in Dr.  
Edenberg's lab



Hye-Sook Kwon  
Grad. Student



Beth Spurlin  
Grad. Student

Ms. Nivanka  
Paranavitana,  
new Research  
Technician in  
Dr. Quilliam's  
lab



Nianhua Li  
Grad Student



Marcella Steele  
Grad. Student



Wei Wang  
Grad. Student

## NEW STUDENTS - FALL 2000



Marcus Breese  
Grad. Student



Frank (Haobo)  
Ma  
Grad. Student



Alan (Yao)  
Wang  
Grad. Student

David Chang  
Grad. Student



Jeanette  
McClintick  
Grad. Student



Nan Zhang  
Grad.  
Student



Erin Haag  
Grad. Student



Amy Munchoff  
Grad. Student

Zoe (Aijing)  
Zhang  
Grad. Student

David Hains  
Grad. Student



Mik Rinne  
Grad. Student



Suzanne Hart  
Grad. Student



Waleed Khalaf  
Grad. Student

Photo not  
available at  
press time



Seppo Rinne  
Grad. Student



Congratulations to the following  
students who received IUPUI  
fellowships: Erin Haag, Seppo  
Rinne and Marcella Steele.