

Biochemistry and Molecular Biology

NOTES

Volume 16, No. 1

April, 2003

Congratulations!

Tracy Anthony, PhD, Assistant Scientist/Assistant Professor of Biochemistry at the Evansville Center for Medical Education, is being awarded the Peter J. Reeds Young Investigator Award by the American Society for Nutritional Sciences. This award acknowledges her outstanding research in macronutrient metabolism accomplished within five years of receiving a doctorate. She will receive the award at the Experimental Biology meeting in April in San Diego.

Congratulations to **Josh and Candy Heyen** on the birth of their son, Nathaniel William Heyen. Little Nathaniel was born on Wednesday, March 5, 2003 at 2:23 p.m. He weighed 7 lbs, 9 oz. and was 21¼" long.



Wendy Graham is a new Research Technician working for Dr. Wayne Wilson

Max Schmidt, MD, PhD, will receive the American Association for Cancer Research PanCAN Career Development Award in Pancreatic Cancer Research for his proposal "Chemopreventative role of cyclooxygenase inhibitors in pancreatic tumorigenesis." The award will be presented during the 94th AACR Annual Meeting in Toronto, Canada on April 6.



Valena Fiscus is a new Research Technician in the lab of Dr. Skurat

Angelia Lockett, a grad student in Dr. Harrington's lab, received the Acres of Diamonds Award as a winner in the National Abstract Competition and for distinction in the Oral Presentations and Poster Session at the March 2003 Scientific Meeting of the Minority Trainee Research Forum in San Diego, CA.



Changhong Tang is a Visiting Research Associate in the lab of Dr. Edenberg



Tommaso Mello is a new Postdoctoral Fellow in the lab of Dr. Bosron

BRTC Building Dedication Set for Wednesday, April 9

The new Biotechnology Research Training Center (BRTC) building dedication will be from 9 a.m. to noon, Wednesday, April 9. Tours of the state-of-the-art biotech training facility and laboratories, located at 1345 W. 16th St., will be before and after the ceremony, which begins at 10 a.m. The three-story building is home to the new Biotechnology Training Program and several research cores.

April Seminars

Biochemistry Seminars Mondays 4 pm, MS 326

4/7 Dr. Jason K. Kim,
Assistant Professor of Medicine,
Department of Internal Medicine,
Director, Yale Mouse Metabolic
Phenotyping

Center, Yale University School
of Medicine, New Haven, CT.
“The Role of Fat and Inflamma-
tion in the Development of
Diabetes”

**4/14 Dr. Andrew K.
Vershon,** Associate Professor,
Molecular Biology & Biochemis-
try, Waksman Institute, Rutgers
University, Piscataway, NJ.
“Sum1 and Ndt80: Components
of a Transcriptional Regulatory
Switch of Meiotic Genes in
Yeast”

4/21 Dr. Jeffrey S. Patrick,
Senior Scientist, BioProduct
Characterization Facility, Eli Lilly
& Company, Indianapolis.
“Tools and Techniques in Indus-
trial BioPolymer Characterization
and Analysis: Mass Spectrom-
etry and Separations Sciences”

4/18 Dr. Charlie Boone,
Banting & Best Department of
Medical Research, University of
Toronto, Canada. “Functional
Genomics: Large-scale Mapping
of Protein and Genetic Interac-
tions for Signaling and Morpho-
genesis Pathways in Yeast”

Biochemistry Student Seminars Wednesdays, 12 Noon, MS 311

4/2 Audrey Wehr
4/9 Jill Sergesketter 4/
16 Hao Zhang
4/23 Erin Haag
4/30 Luke Dannenberg

Center for Diabetes Research Seminars, Tuesdays, 4:00 pm, MS B16

4/8 Dr. Peter Roach,
Chancellor’s Professor and
Professor of Biochemistry and
Molecular Biology. Indiana
University School of Medicine.
Indianapolis, IN. “Muscle glyco-
gen and glucose tolerance”

4/22 Hye Sook Kwon,
Graduate Student, Biochemistry
and Molecular Biology, Indiana
University School of Medicine,
Indianapolis, IN. “Regulation of
Human Pyruvate Dehydrogenase
Kinase 4 (PDK4) Gene Expres-
sion by Glucocorticoids and
Insulin”

Biochemistry and Molecular Biology Research Seminar Series Every other Thursday, 12:00 noon MS 311 A/B

4/10 Sun Zejin “Human
Carboxylesterases CES1A1,
CES2 and CES3; Role in Meth-
ylphenidate [Ritalin] Metabolism”
4/24 Mikael Rinne
“Imbalancing DNA Base Excision
Repair Through Adenoviral
Overexpression of N-
methylpurine DNA Glycosylase
[MPG]: Sensitizing Tumor Cells to
Chemotherapy”

IUSOM Combined Seminar Series Wednesdays, 4:00 pm, Cancer Res (R4) Auditorium 101

**4/2 Novel CD95 Signaling
Mechanisms. Marcus Peter,
Ph.D.,** Ben May Research
Institute for Cancer Research,
University of Chicago; Chicago,
**4/9 B Cell Compartment
Development. Kyoko
Hayakawa, M.D., Ph.D.,**
Institute for Cancer Research,
Fox Chase Cancer Center;
Philadelphia, PA.

Other Seminars of Interest

**4/2 12:00 noon Gaucher
Disease and Fabry Disease:
Models and Challenges for
Enzyme Replacement Therapy.
Neil Weinreb, M.D. VanNuys
Medical Science B26.**

**4/3 4:00 p.m. Genetic
Analysis of Mammalian Signaling
Pathways – New Information on
p53, NFkB and STAT3. George
R. Stark, Ph.D., F.R.S.,** Distin-
guished Scientist, Cleveland Clinic
Foundation and Lerner Research
Institute; Cleveland, OH.
VanNuys Medical Science 326.

**4/17 4:00 p.m. Identification
and Characterization of Novel
Virulence Factors in
Enterotoxigenic *E. Coli*. Leonard
F. Peruski, Jr., Ph.D.,** Dept. of
Microbiology/ Immunology, IU
School of Medicine, Northwest
Center for Medical Education;
Gary, IN. **VanNuys Medical
Science 326.**

4/24 4:00 p.m. Role of Ras-

(Seminars, Cont)

Rac Signaling in Modulating Hematopoietic Cell Growth in Neurofibromin Deficient Cells. **D. Wade Clapp, M.D.**, Depts. of Pediatrics and Microbiology/ Immunology; IUSM; and Medical Director, Wishard Special Care Nursery; Indianapolis. **VanNuys Medical Science 326.**

4/30 4:00 p.m. Regulation of Cellular Contractility. **Rex L. Chisholm, Ph.D.**, Director, Center for Geriatric Medicine, Northwestern University School of Medicine; Chicago, IL. **VanNuys Medical Science 326.**

ISLET BIOLOGY JOURNAL CLUB
DALY CENTER 122A 4-5 pm

Speaker	Date
Hiremagalur Jayaram	Apr 3
Lawrence Quilliam	May 1

Important Dates

4/18 Campus Holiday
5/26 Memorial Day
6/1 NIH New Research
7/1 NIH Competing Continuation and Revised Grants
7/4 Independence Day
9/1 Labor Day
10/1 NIH New Research
11/1 NIH Competing Continuation and Revised Grants
11/27 Thanksgiving
11/28 Friday after Thanksgiving
12.25 Christmas

Recent Publications

Hoffman, P.L., Miles, M., **Edenberg, H. J.**, Sommer, W., Tabakoff, B., Wehner, J.M., and Lewohl, J. (2003) Gene Expression in Brain: A Window on Ethanol Dependence, Neuroadaptation, and Preference. *Alcohol. Clin. Exp. Res.* 27:155-168.

Cocklin, R.R.; Zhang, Y.; O'Neill, K.D.; Chen, N.X.; Moe, S.M.; Bidasee, K.R.; **Wang, M.** (2003) Identity and Localization of Advanced Glycation End Products on Human β 2-Microglobulin Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. *Anal. Biochem.* 314, 322-325.

Tao, W., Hangoc, G., **Hawes, J. W.**, Si, Y., Cooper, S., and Broxmeyer, H.E. (2003) Profiling of differentially expressed apoptosis-related genes by cDNA arrays in human cord blood CD34⁺ cells treated with etoposide. *Experimental Hematology*, 31, 251-260.

You, J-S.; Wang, M.; Lee, S-H. (2003) Biochemical analysis of the damage recognition process in nucleotide excision repair. *J. Biol. Chem.*, 278, 7476-7485.

McClintick, J.N., Jerome, R.E., Nicholson, C.R., **Crabb, D.W., and Edenberg, H.J.** (2003) Reproducibility of oligonucleotide arrays using small samples. *BMC Genomics* 4:4-18.

Workshops available

Several workshops are available to learn how to use software tools and are designed to get you in and out in less than one hour!

IRET Workshops are offered in the Ruth Lilly Medical Library wireless classroom (IB 318/319). To schedule, call Tom Weinzerl at 278-1550.

- Beginning PowerPoint: Wed. 4-5 p.m. on either April 9, May 7, or June 11
- Advanced PowerPoint: Wed 4- 5 p.m. on either April 16, May 14, or June 18
- PowerPoint Roll-out Posters: Wed. 4-5 p.m. on either April 23, May 28, or June 25

The Office for Professional Development offers the following workshops in the University Library Room 1125M. To register, call 278-6221.

- Quick and Easy Image Scanning: Wed. April 2, 10 - 11 a.m.
- Photoshop Image Cropping and Correction: Wed. April 2, 11- 12 noon.