

Biochemistry and Molecular Biology



NOTES



Volume 14, No.10

January 2002

Congratulations!

Mikael Rinne, Biochemistry MD/PhD student in Mark Kelley's lab has been awarded a Susan G. Komen Breast Cancer Foundation grant for dissertation research entitled: "Imbalancing DNA base excision repair sensitizes breast cancer cells to chemotherapy." In addition, he has just been awarded a predoctoral fellowship entitled; "Imbalancing the DNA base excision repair pathway sensitizes breast cancer cells to chemotherapy and modulates DNA nucleotide excision repair: Potential for combination chemotherapy". The award is for 3 years. This award overlaps with the Susan G. Komen predoctoral fellowship, which he will now have to respectfully decline.



In recognition of over 30 years of service to Indiana University, **Dr. David Allmann** was presented with a copy of the Encyclopedia of Indianapolis by Chancellor Bepko and the president of the Faculty Council. This occurred at a reception following Dr. Bepko's state of the campus address on December 6, 2001.

Congratulations,
David!

William F. Bosron and **Thomas D. Hurley**: (2002) "Lessons from a Bacterial Cocaine Esterase". *Nature Structural Biology* 2002 Jan; 9 (1).

He YH, Wu M, Kobune M, Xu Y, **Kelley MR**, Martin WJ. Expression of Yeast Apurinic/Apyrimidinic Endonuclease (APN1) Protects Lung Epithelial Cells From Bleomycin Toxicity. *Am J Respir Cell Mol Biol.* 2001 Dec 1;25(6):692-698.

Recent Publications

Ying-Hui He, Min Wu, Masayoshi Kobune, Yi Xu, **Mark R. Kelley**, and William J. Martin II (2001) Expression of Yeast Apurinic/Apyrimidinic Endonuclease (APN1) Protects Lung Epithelial Cells From Bleomycin Toxicity. *Am. J. Respir. Cell Mol. Biol.* **25**, 692-698

Puglisi F, Barbone F, Tell G, Aprile G, Pertoldi B, Raiti C, **Kelley MR**, Damante G, Sobrero A, Beltrami CA, Di Loreto C. Prognostic role of Ape/Ref-1 subcellular expression in stage I-III breast carcinomas. *Oncol Rep.* 2002 Jan-Feb;9(1):11-17. PMID: 11748448

He YH, Xu Y, Kobune M, Wu M, **Kelley MR**, Martin WJ 2nd. Escherichia coli FPG and human OGG1 reduce DNA damage and cytotoxicity by BCNU in human lung cells. *Am J Physiol Lung Cell Mol Physiol.* 2002 Jan; 282(1): L50-L55. PMID: 11741815

January Seminars

Biochemistry Seminars Mondays 4 pm, MS 326

1/14 Suk-Hee Lee, Ph.D., Dept. of Biochemistry/ Molecular Biology, USM; “Biochemical Analysis of Nucleotide Excision Repair: A Novel Multi-Step Damage Recognition Process in Mammals”.

1/17 Dr. Brian D. Guenther, Visiting Assistant Professor, Department of Pathology and Laboratory Medicine, IUSM: “An application of crystallography to three diverse areas: DNA Replication, Folic Acid and Health, Microtubules and Neuroscience” at **1:00 p.m. MS 311**

1/28 Veena B. Antony, M.D., Dept. of Medicine, IUSM; “Breaches in the Dam...Pleural Effusions in Pneumonia”.

1/31 Dr. Zhongtao Zhang, Associate Research Scientist, Department of Pharmacology, New York University Medical Center, New York, NY. “Structures of Signaling Components in RPTK Pathway” **1:00 p.m. Medical Science Building, MS 311 A/B**

Biochemistry Student Seminars Wednesdays, 12 Noon, MS 311

1/9 Wei Wang

1/16 Kirk Staschke

1/23 Marcus Breese

1/30 Ashoka Asundi

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

1/8 Dr. William E. Miller, Post-Doctoral Fellow, Howard Hughes Medical Institute, Duke University Medical Center, Durham, NC. “Beta-Arrestins as Adapters in GPCR Signaling” **MS 326**

1/15 Dr. Leslie S. Satin, Professor of Pharmacology and Toxicology, Affiliate Professor of Physiology and Medicine (Endocrinology and Metabolism Division), Medical College of Virginia Campus, Virginia Commonwealth University, Richmond, VA. “Ion channels and the Control of Pancreatic Islet Insulin Secretion” **MS 326**

1/22 Dr. Chun Jiang, Associate Professor, Department of Biology, Georgia State University, Atlanta, GA. “Molecular Basis of KATP Channel Gating” **MS B26**

1/29 Dr. Liangyou Rui, Postdoctoral Fellow, Howard Hughes Medical Institute, Joslin Diabetes Center, Harvard Medical School Boston, MA. “Inhibition of insulin action by serine phosphorylation and ubiquitin/proteasome-mediated degradation of IRS proteins” **MS 326**

Other Seminars of Interest

1/8 4:00 p.m. Beta-Arrestins as Adapters in GPCR Signaling. **Dr. William E. Miller**, Post-Doctoral Fellow, Howard Hughes Medical Institute, Duke University Medical Center; Durham, NC. **VanNuys Medical Science 326.**

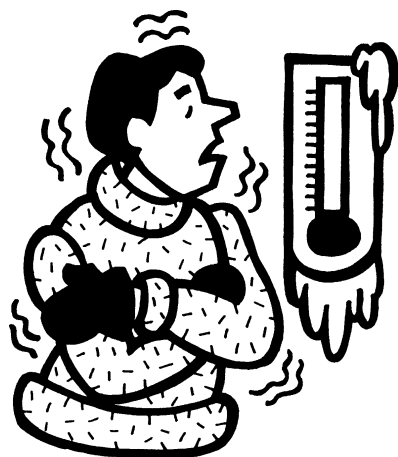
1/9 12:00 noon Mapping of Genes Contributing to Alcohol Preference in Animals Models. **Tatiana Foroud, Ph.D.**, Dept. of Medical/ Molecular Genetics, IUSM. **VanNuys Medical Science B26.**

1/10 4:00 p.m. Molecular Interactions in the MHC Class I Antigen Presentation Pathway. **Malini Raghavan, Ph.D.**, Dept. of Microbiology/ Immunology, University of Michigan Medical School; Ann Arbor, MI. **VanNuys Medical Science 326.**

1/16 4:00 p.m. Transgenic Models for Identifying and Testing Cell Cycle Regulatory Genes. **Loren J. Field, Ph.D.**, Dept. of Medicine, IUSM. **Cancer Research Institute [R4] Auditorium 101.**

Important Reminder from the IUPUI IBC

Investigators are reminded by the IUPUI Institutional Biosafety Committee (IBC) that even though an investigator may have an approved study at a certain risk level, e.g. BL2, BL1, etc., this DOES NOT give the investigator blanket approval for any other work/experiments with other vectors or agents at that same level. **New vectors and/or agents require either an amendment or a new study submission.**



(Not Pictured) **Byoungsoon Hwang** is a Visiting Research Associate in Suk-Hee Lee's lab

(Not Pictured) **Matthew Stephens** is a Visiting Research Associate in the lab of Howard Edenberg

New Faces in Biochemistry



Tiffeny Cross is a Research Analyst I in the lab of Howard Edenberg



Kenneth Payie is a Postdoc in the lab of John Hawes



Hao-Yuan (Helen) Jiang is a Postdoc in the lab of Ron Wek

Important Dates

- 1/1/02 **HAPPY NEW YEAR!**
- 1/7 **Classes Begin**
- 1/4 **American Heart Assn, National (Scientist Development, Established Investigator grants)**
- 1/5 **American Heart Assn, National (Grant-in-Aid)**
- 1/14 **American Heart Assn, Midwest Affiliate (Grant-in-Aid, Fellowships)**
- 1/15 **JDF International Pre application for 2/21 deadline**
- 1/24 **American Diabetes Assn (Research, Career Development, Junior Faculty, Clinical Research awards)**
- 1/24 **JDF International**
- 1/24 **NIH Research Grants, Research Career Awards, Program Project Center Grants, Committed Continuations**
- 2/7 **March of Dimes Fdn.**
- 2/21 **NIH Committed Continuations, Rev. grants**
- 2/21 **American Cancer Society Postdoctoral fellowships**
- 3/22 **ACS Res. Scholar**
- 3/22 **NIH Committed Continuations**
- 4/22 **March of Dimes Basic Research Pre-App.**
- 4/233 **NIH Committed Continuations**
- 5/23 **NIH Research grants, Program project/center grants, committed continuations**