



Biochemistry and Molecular Biology

JUNE

NOTES

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June 2001

Congratulations!

On behalf of the Medical Class of 2001, **Dr. Robert A. Harris** was selected as the Outstanding Basic Science Professor at the Indianapolis Center by a vote of the members of the Medical Class of 2001 who attended the Center. He was formally acknowledged for his excellent accomplishments, and for being a student advocate and an extraordinary instructor at the Senior Banquet and Awards Ceremony held on Friday, May 11, 2001 at the Indiana Roof Ballroom.



Nam Ho Jeoung, Ph.D. of Bob Harris' lab received an American Heart Association post-doc fellowship award for his project, "Tissue Specific Effects of Tumor Necrosis Factor-alpha (TNF-alpha) on Pyruvate Dehydrogenase Kinase 4 (PDK4) Gene Expression".

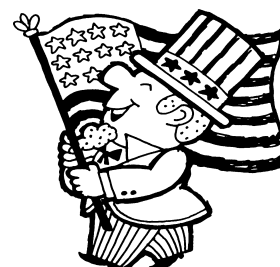
Dave Allmann and **Tom Hurley** have been asked to serve on the Research and Academic Computing Technology Subcommittee of the IUSM Strategic Planning Task Force for Information Technology, chaired by Ora Pescovitz. They will review the current computing and technology capabilities of our school as related to its research activities.

Bill Bosron and **Mary Harden** have been asked to serve on the Administrative Computing Subcommittee of the same task force, chaired by Duane Gaither. They will review current computing and technology capabilities of our school as related to the Summit Project and the Administrative Computing activities.

Both groups are also asked to consider what cutting edge technologies and capabilities are deemed necessary for our school in the next five years and provide a plan for the school by the end of this calendar year.

Grad student **Yu Li** of Lawrence Quilliam's lab received an American Heart Association pre-doc fellowship starting July 1, 2001.

Harikrishna Nakshatri received a 5-yr grant from NIH to study "AKT-mediated tamoxifen resistance in breast cancer cells".



Our deepest condolences to Sandy McClain of the Biochemistry office on the loss of her mother, and to Jill Schroeder of Peter Roach's lab on the passing of her father.

June Seminars

Biochemistry Seminars Mondays 4 pm, MS 326

6/4 **Dr. Angelika Amon**, Assistant Professor and Assistant Investigator of the Howard Hughes Medical Institute, Department of Biology, Massachusetts Institute of Technology, Cambridge, MA. "Exit from Mitosis in Yeast"

6/28 **Hui Zong**, Graduate Student, Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, IN. "Structure-function studies of RhoA reveal mechanisms of effector activation and cellular transformation" **12:00 noon**

Note From Terry Yen:

Thanks for all the seminar notices. We got home from Geneva last night after attending the VIII International Symposium on Insulin Receptor and Signalling. Will leave again for Tacoma to be with our first daughter for her delivery of her second child. Our second daughter went to hospital 3 hours ago (in the bay area) to deliver her 3rd, and our 3rd daughter had her Mark 2 months ago and now weighs 16 lbs! Life is getting complicated.

Terry

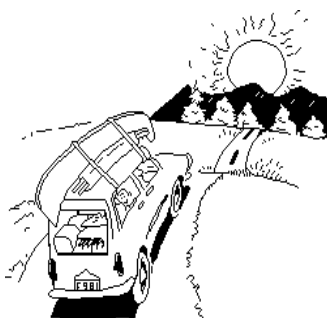
Other Seminars of Interest

6/6 **Patrick J. Concannon, Ph.D.**, candidate for Chair, Department of Medical and Molecular Genetics, IUSM; Director, Molecular Genetics Program, Virginia Mason Research Center, Seattle, WA, "Mapping Genes for Susceptibility to Type 1 Diabetes" 12:00 (noon) in MS B26.

6/7 **Patrick J. Concannon, Ph.D.**, candidate for Chair, Department of Medical and Molecular Genetics, IUSM; Director, Molecular Genetics Program, Virginia Mason Research Center, Seattle, WA, "The Role of Nibrin in the Human Response to Ionizing Radiation" 9:30 a.m. R4-101.

June Birthdays

6/4 **Melissa Limp-Foster**
6/8 **Peter Roach**
6/14 **Yonghao Hou**
6/20 **Joel Yalowitz**
6/23 **Jack Arthur**



Important Dates

6/1 **NIH new research, Committed continuations**
7/1 NIH Competing contin.
7/17 American Heart Assn. (Established Investigator Award)
7/18 American Heart Assn. Grant-In-Aid
8/1 American Diabetes
10/1 NIH new research, committed continuations
11/1 NIH Competing contin.
11/22 **THANKSGIVING**
12/12 **CHRISTMAS**



Recent Publications

Harikrishna Nakshatri, Mark S. Mendonca, Poornima Bhat-Nakshatri, Nikhhil M. Patel, Robert J Goulet, and Kenneth Cornetta (2000) The orphan receptor COUP-TFII regulates G3/M progression of breast cancer cells by modulating the expression/activity of p21^{WAF1/CIP1}, cyclin D1 and cdk2. *Biochem Biophys Res Commun* **270**, 1143-1153.

NM Patel, S Nozaki, NH Shortle, P Bhat-Nakshatri, TR Newton, S Rice, V. Gelfnov, SH Boswell, RJ Goulet, GW Sledge, and **Harikrishna Nakshatri** (2000) Paclitaxel sensitivity of breast cancer cells with constitutively active NF- κ B is enhanced by 1 κ B α super-repressor and parthenolide. *Oncogene* **19**, 4159-4169.

S Nozaki, GW Sledge, Jr., and **Harikrishna Nakshatri** (2000) Cancer cell-derived interleukin 1 α contributes to autocrine and paracrine induction of pro-metastatic genes in breast cancer. *Biochem Biophys Res Comm* **275**, 60-62

RA Campbell, P Bhat-Nakshatri, NM Patel, D Constantinidou, S Ali, and **Harikrishna Nakshatri** (2001) P13 kinase/AKT-mediated activation of estrogen receptor α : a new model for anti-estrogen resistance. *J. Biol Chem* **276**, 9817-9824.

S Nozaki, GW Sledge and **Harikrishna Nakshatri** (2001) Repression of GADD153/CHOP by NF- κ B: a possible cellular defense against endoplasmic reticulum cell death. *Oncogene* **20**-2178-2185.

New Faces in Biochemistry



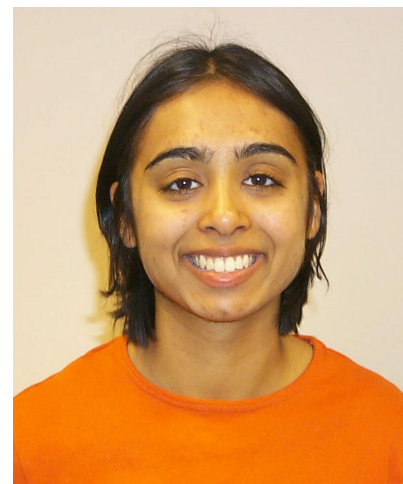
Mariko Obayashi, Visiting Researcher, Harris Lab



Qin Zou, Postdoctoral Fellow, T. Hurley Lab



Jennifer Gleissner, Lab Assistant, DePaoli-Roach Lab



Falguni Desai, Lab Assistant, Goebel lab (she was here before)



John Pieper, Payroll/Purchasing Clerk, Biochemistry Office.

