

Congratulations!

Congratulations to **Krishna and Junaki Vattam** on the birth of their daughter, Shreya. Little Shreya was born on Friday, September 17, 2004. Mother and baby are doing fine and dad is very pleased.

New grant awards

Timothy Degrado received a National Cancer Institute grant for the project entitled, "Choline Tracers for Imaging of Cancer." Bob Harris is listed as co-investigator.

Kristin Chun's R01 project was funded for five years: "Role of Cul-4A and ubiquitin in regulating hematopoiesis".

Important Dates

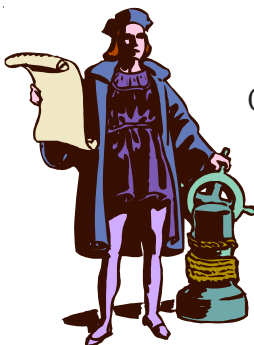
10/1 NIH New research

10/15 American Cancer Society mentored training and career development

11/1 NIH Competing Cont.

Mu Wang's abstract has been selected by the HUPO Award Selection Committee as a recipient of 2004 Young Investigator Award. (HUPO stands for "Human Proteome Organization".)

This award carries the equivalent of \$1,000 US dollars and is designed to aid the travel of young investigators to attend the HUPO 2004 Congress, which will be held in Beijing, China October 25th-26th, 2004.



Columbus
Day
Oct.
12

SPECIAL SEMINAR

Kenneth R. Chien, M.D., Ph.D. Professor of Medicine American Heart Association Endowed Chair in Cardiovascular Research, Director, Salk Program in Molecular Medicine, Director, Institute of Molecular Medicine University of California, San Diego is the 2004 Mark Brothers Lecturer. Dr. Chien will present two lectures on **Monday, October 4th, 2004.**

For Clinicians: *Towards molecular therapy for end-stage heart failure: A translational short story*, Ruth Lilly Learning Center Auditorium Riley Outpatient Center, **10:00 a.m.**

For Researchers: *Islet-1 progenitors in development and disease*, R4 Auditorium, Room 101, **2:00 p.m.**

The Mark Brothers Lecture recognizes and honors the achievements of internationally renowned medical scientists of Asian descent.

September Seminars

Biochemistry Seminars Mondays 4 pm, MS 326

10/4 Dr. Anjan Kowluru,
Professor, Department of
Pharmaceutical Sciences, Wayne
State University, Detroit, MI.
Topic: "GTPases and Insulin
Secretion".

10/11 Dr. Katsura Asano,
Assistant Professor, Department
of Biology, Kansas State Uni-
versity, Manhattan, KS. *Topic:*
"Coordinated assembly and
ribosome binding of multifactor
complex containing eIF1, eIF2,
eIF3, eIF5, and Met-tRNA_i^{Met}".

10/18 Dr. Arthur S. Alberts,
Scientific Investigator, Labora-
tory of Cell Structure and Signal
Integration, Van Andel Research
Institute, Grand Rapids, MI.
Topic: "Rho GTPase-Formin
Pairs in Signaling to the Cytoskel-
eton".

10/25 Dr. Jian Jian Li,
Associate Professor, Head of
Molecular Radiobiology Divi-
sion, Purdue University, West
Lafayette, IN. *Topic:* "NF- κ B
Network in Cell Adaptive
Response to Ionizing Radiation".



Biochemistry Student Seminars Wednesdays, 12 Noon, MS B16

10/6 Jill Butler
Courtney Tate
10/13 Monique Pierre
10/20 Dawn Brown
Ross Cocklin
10/27 Hao Zhang

Center for Computational Biology and Bioinformatics, Friday, 11:00 am, Hurty Hall C, Fesler 215

10/1 Frank Liu, Director
of Biomedical Informatics and
Professor from Tsinghua Univer-
sity. *Topic:* "Introducing BOD:
A Customizable Bioinformatics
on Demand System Accommo-
dating Multiple Steps and
Parallel Tasks".

10/8 David Flockhart,
Professor and Chief, Clinical
Pharmacology Indiana Univer-
sity School of Medicine.
Topic: "Pharmacogenomic
Bioinformatics".

10/15 Ernst Dow, Senior
Information Consultant, Eli
Lilly and Co. *Topic:* "Micro-
array Analysis for Biologist".

10/22 Peter Cherbas,
Professor of Biology; Director,
The Center for Genomics and
Bioinformatics, IUB. *Topic:*
"Nuclear receptors through the
lens of Drosophila Genetics".

Microarray Technology and Development Workshop - Nov. 19

**Please put November 19,
2004 on your calendar** for an
all-day workshop on microarray
technology and development.
Steve Fodor, inventor of the
high density nucleotide array
("DNA Chip") and CEO of
Affymetrix, will be the featured
speaker.

The workshop is jointly spon-
sored by the Center for Medical
Genomics and the Center for
Computational Biology and
Bioinformatics.

No registration is necessary for
the workshop which will be held
in Medical Science Building
Room 326. Stay tuned for
workshop details and agenda.

Another item for your attention
is the Great Lakes Bioinformatics
Consortium, which held a retreat
August 16 and 17 at Walden-
woods Resort and Conference
Center in Hartland, Michigan.
To learn more about this organiza-
tion, visit [http://
greatlakesbioinformatics.org](http://greatlakesbioinformatics.org).

To be put on their mailing list to
obtain future announcements,
contact Christyne Bliton
[\[acbliton@umich.edu\]](mailto:acbliton@umich.edu).

Special Colloquium

Presented By:

Department of Mathematical Sciences at IUPUI
Stark Neuosciences Research Institute
Center of Computational Biology and Bioinformatics

Avner Friedman

Distinguished Professor of Mathematical and Physical Sciences
Director of Mathematical Biosciences Institute
Ohio State University

The colloquium will be held at the **Science Building RM, LD010**
Friday, October 8, 2004
3:00 pm

Refreshments will be served in room LD259 at 2:15 pm

Title:

Programs and Research Problems at the Mathematical Biosciences
Institute

Abstract:

The Mathematical Biosciences Institute (MBI) was established at the Ohio State University in 2002, with funding from the NSF. The MBI brings mathematicians and statisticians together with bioscientists from all over the country (and the world) in order to work on significant problems in biology and medicine. In this talk, I shall first describe the MBI scientific program. Then I shall give some examples where new mathematical models help explain experimental results, and examples where new mathematical problems arise from attempts to understand biomedical processes.

Avner Friedman

Distinguished Professor of Mathematical and Physical Sciences
Director of Mathematical Biosciences Institute
Ohio State University

Professor Xiaohong Qian

Secretary General, Scientific Program Committee
HUPO 2004 Congress, Beijing, China



IU Cancer Center Research Day is Nov. 3rd

IUCC's 2nd Annual Cancer Research Day is slated for Wed. November 3rd from 10-5. A **scientific poster session** will be held in the Medical Sciences Building Atrium from 10 - 3, with presenters there from 11 - 1. **To participate, please submit abstracts electronically to mlucke@iupui.edu by Oct. 20.** Cash awards for best posters by grad students and by post-doc/medical fellows will be presented at the afternoon seminar. **A town hall meeting** will be held in Room 101 of the Cancer Research Institute building from 2:30 to 3:30, providing an overview of the IUCC. The day concludes with an **IUCC combined seminar** in room 101 of the Cancer Research Institute from 4-5, with a **keynote address by Dr. Gary Stoner**, Director of the Laboratory of Cancer Chemoprevention and Etiology at Ohio State University. For more information, contact Maureen Harrington, Ph.D., at mharrin@iupui.edu.

Recent Publications

Chun, K.T. and Goebel, M.G.
2004. Necessity's Sharp Pinch.
Mol. Cell. 15 (2): 166-168.

Luo M, Kelley MR. Inhibition of the human apurinic/apyrimidinic endonuclease (APE1) repair activity and sensitization of breast cancer cells to DNA alkylating agents with lucanthone.
Anticancer Res. 2004 Jul-Aug; 24(4):2127-34.
