



## iuscc research news

February 2008

### News briefs

#### Dinauer elected into Association of American Physicians

Mary Dinauer, MD, PhD, has been elected into the Association of American Physicians. Each year, only 55 individuals are elected into this organization that serves as a repository of the best medical minds and as a forum to promote friendship, to create and disseminate knowledge, and to provide role models for upcoming generations of physicians and medical scientists.



Dinauer

#### Kapur picked to NIH Study Section

Reuben Kapur, PhD, has been appointed as a full member of the National Institutes of Health's (NIH) Hematopoiesis Study Section. Members of the NIH study sections are selected on the basis of their demonstrated competence and achievements in their scientific discipline as evidenced by the quality of research accomplishments, publications in scientific journals, and other significant scientific activities, achievements, and honors.

#### ACS taps Rawl for Peer Review Committee on Cancer Control and Prevention

Susan Rawl, PhD, has been named to a four-year term on the American Cancer Society's Peer Review Committee on Cancer Control and Prevention: Psychosocial and Behavioral Research. As a committee member, Rawl and her colleagues will be responsible for the review and recommendations of appropriate action on grant applications received by the ACS at two granting periods each year.



Rawl

#### Hanna makes "Forty Under 40"

The *Indianapolis Business Journal* named Nasser Hanna, MD, to its annual "Forty Under 40" list in early February. Hanna made the list because of his role as chair of the Hoosier Oncology Group (HOG) and his role as head of lung cancer research at IU Hospital and the VA Medical

Center. "Forty Under 40" also pointed out Hanna's Lungs for Life organization, which he co-founded with his wife, Amy, and his involvement with the Wellness Community.

### **IURTC names Kelley to board, executive committee**

Mark Kelley, PhD, has been appointed to the board of directors and the executive committee of [Indiana University Research & Technology Corp.](#)(IURTC).

### **NCI Partnership Program Coordinator begins March 3**

Tisha Reid has been named the Partnership Program Coordinator with the NCI's Cancer Information Service, effective March 3. In this role, she will focus on collaborating state-wide with partner organizations to deliver cancer control and education programs to help improve the health of underserved populations. Her office is located in RT, Room 455G; her phone number is 278-2274. Reid replaces Rivienne Shedd-Steele, who was named the IU Simon Cancer Center's [outreach and diversity coordinator](#) late last year.

### **Wanted: Mentors for Summer Research Program**

You are invited to serve as a faculty mentor for the 2008 [IU Simon Cancer Center Summer Research Program](#), June 6 to Aug. 4. By placing students with faculty mentors, students gain insight into a wide-range of basic science, translational, and clinical research activities. Mentors facilitate and guide the students toward completing a research project, encourage students to explore the field of biomedical science, and provide students access to professional networks. Mentors receive \$500 toward the purchase of lab supplies for the student(s) and project(s). Questions? Contact [Nelson Soto](#), assistant dean, IUPUI graduate office, at 278-4331.

### **Angiogenesis Core rates change April 1**

The Angiogenesis Core has updated its pricing for 2008. Beginning April 1, 2008, the core will begin charging the [new rates](#). If you have any questions, please contact [Laura Mead](#) at 278-8249.

### **Race for the Cure volunteers needed April 19**

The Susan G. Komen for the Cure Tissue Bank at IU Simon Cancer Center needs your help during this year's Race for the Cure on April 19.

The tissue bank will be collecting blood samples from thousands of women on race day. Volunteers must be willing to attend a 45-minute training session the week of the race and work a four-hour shift on race day. The following volunteers are needed:



- Consenters (Must have taken the IU Human

Subjects Test and have a Conflict of Interest statement on file with IU.)

- Questionnaire assistant: Medical/pharmaceutical knowledge is needed to assist donors with completing these questions.
- Phlebotomists: Must be a Clarian or IU employee or an IU medical/nursing student (This volunteer opportunity is also open to non-Clarian and non-IU employees as well as medical/nursing students. However, volunteers from outside Clarian and IU will have to complete additional paperwork.)
- Lab techs: Experience with spinning and aliquoting blood required
- General volunteers are needed to greet donors and run supplies

If you are interested in volunteering, please contact Casey Allen at [calallen@iupui.edu](mailto:calallen@iupui.edu).



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### **Core spotlight**

#### **Translational Genomics Core**

The Translational Genomics Core at the IU Simon Cancer Center, under the direction of Sunil Badve, MD, offers members gene expression analysis, genotyping, DNA methylation profiling, and microRNA profiling.



Badve

The core provides cost effective and high throughput results compared to other solutions, according to Badve.

For RNA, gene expression profiling interrogates multiple whole-genomes or focused sets of target genes across large sample populations. The gene expression profiling can be performed on either human or mouse, or rat samples. For partially degraded RNA, cDNA-mediated Annealing, Selection, extension and Ligation (DASL) assay is performed to obtain mRNA level expression. Results include dendrogram and fold expression difference of particular mRNA with user specified a-level or confidence interval.

Overall, the core handles formalin-fixed paraffin embedded (FFPE) tissues, frozen tissues, cell lines, and blood samples. The core's processes include sample selection (SS), nucleic acid extraction (NAE), nucleic acid QC (NAQC), and assays.

For more information, contact [transgen@iupui.edu](mailto:transgen@iupui.edu).

## New members

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**David Agarwal**, MD, affiliate member

**Christopher Ballas**, PhD, associate member of Hematopoiesis, Microenvironment, and Immunology

**David Daleke**, PhD, affiliate member

**Richard Gregory**, PhD, member of Molecular and Environmental Carcinogenesis

**Eric Horn**, MD, PhD, affiliate member

**Kamlesh Pradhan**, MD, MS, associate member of Tumor Microenvironment

**Hamid Sayar**, MD, associate member of Hematopoiesis, Microenvironment, and Immunology

**Rafat Siddiqui**, PhD, member of Molecular and Environmental Carcinogenesis

**Michael Vasko**, PhD, member of Experimental and Developmental Therapeutics

**Faming Zhang**, PhD, affiliate member

**Nicholas Zyromski**, MD, affiliate member

