

DHLRI

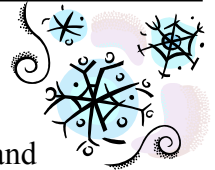
FYI



DOROTHY M. DAVIS
HEART & LUNG
• RESEARCH INSTITUTE •

THE NEWSLETTER OF THE DAVIS
HEART AND LUNG RESEARCH
INSTITUTE AT OSU

January 2005



Abraham Nominated For Who's Who

William Abraham, MD, Director of Cardiovascular Medicine at OSUMC and Associate Director for Clinical/Translational Research and Cardiology at DHLRI has been nominated for lifetime membership in Strathmore's Who's Who, an international publication that honors successful individuals in the fields of Business, the Arts and Sciences, Law, Engineering and Government. Inclusion in this publication is based on an individual's position and lifetime accomplishments and leadership. Additional information is available at <http://www.strathmore-ltd.com>.

Sadee Awarded AAPS Presidential Citation

Wolfgang Sadee, Chair of Pharmacology and Program Director in Pharmacogenomics at the College of Medicine and Public Health and Investigator at DHLRI, has been awarded a presidential citation from the American Association of Pharmaceutical Scientists (AAPS). Sadee received the award from the AAPS's president in recognition of his creative vision and vast contribution in establishing The AAPS Journal, the association's peer-reviewed online publication. He has served as editor-in-chief of the AAPS Journal since its inception in 1998. He received the award at the AAPS annual meeting and exposition in Baltimore.

Sadee's research focuses on the structure and function of membrane transporters and G protein coupled receptors, and receptor signaling relevant to drug addiction. Recently, he has focused on pharmacogenomics, exploring the genetic variability of genes encoding drug metabolizing enzymes, membrane transporters and drug receptors. In collaboration with other research teams, Sadee's group studies genetic factors underlying drug addiction, coronary artery disease and response to cancer chemotherapy.

OSU Heart Center Donor Recognition Walls Installed

The Institute and Ross Heart Hospital each house a donor recognition wall reflecting the names of all donors who have made irrevocable major gifts to any of the OSU Heart Center's five areas: DHLRI, The Ross Heart Hospital, the divisions of cardiovascular medicine, cardiothoracic surgery and pulmonary, critical care, and sleep medicine. Whether a donor's gift supports buildings or equipment, cardiac or pulmonary research, a faculty position or educational initiatives, the donor is recognized in both facilities.



Sarkar and Gavrilin Present Research to Keystone Innate Immunity Conference

Anasuya Sarkar, Ph.D. and Mikhail Gavrilin, Ph.D. presented their research on the function of the monocyte macrophage inflammasome to the Keystone Innate Immunity Conference at Steamboat Springs, Colorado January 9th. Dr. Sarkar was awarded the NIH Scholarship to attend the meeting.

The conference discussed mechanistic themes that are found in innate immune responses to a wide variety of pathogens. Students, post-doctoral fellows, and investigators learned about emerging concepts of innate immunity to pathogens and illuminated new areas for exploration.

Successful Turnout of Research Meeting Spurs Future Meetings

Due to the successful turnout of the research interest meeting held Dec. 7 in the Emergency Department conference room for OSU research personnel, regular future meetings to collaborate and learn about other research projects have been established. Meeting attendees were sent a questionnaire via e-mail to complete concerning future meetings. Completed questionnaires should be faxed to Carol Schneider at 293-3124 or sent to schneider-4@medctr.osu.edu. If you were unable to attend the first meeting, contact Carol with questions or to obtain a questionnaire about future meetings.

Conference Examines Ethics of Biotechnologies

An Interprofessional Conference on Bioethics and Technology for professionals, students, and interested citizens will provide a setting for dialogue about the ethical issues and public policy debates generated by new biotechnologies, such as genetic testing and stem cell research. Keynote speakers are Paula Gregory, professor of genetics and vice president of educational outreach for the Louisiana Gene Therapy Research Consortium, Louisiana State University; Daniel Brock, professor of medical ethics and director of the Program of Ethics and Health at Harvard Medical School, and Thomas J. Moyer, chief justice of the Ohio Supreme Court. The conference will take place February 3-4 at Veterans Memorial in Columbus, including a public lecture by Brock on Feb. 3 entitled "Is a Consensus Possible on Stem Cell Research: Moral and Political Obstacles." Information and registration is available online. Call 292-5621 or go to <http://education.osu.edu/paes/feep/bioconf/biohome.htm>.

National Wear Red Day for Women



February 4th is National Wear Red Day for Women. Wear red to show that you have joined the movement to take charge of your heart health and live a longer, stronger life. Help raise awareness that heart disease is the number one killer of women and empower the women who are important in your life by sharing how they too can reduce their risk. Join the movement! Sign up today by calling 1-888-MY-HEART and receive a free red dress pin. For more information visit <http://americanheart.org>.

Donate To Tsunami Relief Efforts through "Bucks for Charity" Community Charitable Drive

OSU faculty, staff and students interested in helping to support the relief efforts in South Asia in the aftermath of the tsunami that devastated the region in late December can do so through Ohio State University's "Bucks for Charity" Community Charitable Drive (CCD). By using a CCD donor pledge form, individuals can donate to United Way International or specifically the United Way

South Asia Response Fund by writing in United Way International in the "Other Agency Designation" space on the pledge form.

Fill in the amount of your donation on line 6. in either the Payroll Deduction Pledge or One-Time Contribution section of the donor pledge form. If you need a pledge form contact your college, office or department CCD coordinators, University Hospitals Human Resources offices, the Office of Human Resources Customer Service Center, Archer House, 2130 Neil Ave. or Ned Cullom at 292-4341 or cullom.1@osu.edu.

W-2 Information Can Be Received Online

The Office of Human Resources has partnered with an outside vendor to allow Ohio State faculty, staff and student employees to receive their W-2 Wage and Tax Statement online.

In late January, the W-2 information will be posted on a secure web site, well before other university employees would normally receive it in their mailbox. Employees who have registered will receive an e-mail notification when their W-2 becomes available, along with instructions for its retrieval. The online data can then be imported into H&R Block's Tax Cut Intuit's TurboTax tax preparation software. Faculty, staff and students employed at Ohio State can register to receive their W-2 information online at any time. However, any consent made after Jan. 18 will be regarded as consent for the 2006 tax year.

Information on how to register and receive an Ohio State W-2 Wage and Tax statement online is available on the web. Please note that anyone who previously registered to receive W-2 information online does not need to do so again. One of the added benefits of accessing W-2 information online is employees can also access their pay stub information, authorize income verifications, and verify their pertinent personal information at the same web site. Go to <http://hr.osu.edu/payroll/>.



February Lectures

February 11: Research in Progress, Narasimham Parinandi, PhD; Assistant Professor, Division of Pulmonary, Critical Care, and Sleep Medicine; Associate Investigator, DHLRI.

February 18: Research in Progress, Dale Hoyt, PhD; Associate Professor, Division of Pharmacology; Investigator, DHLRI.

February 23: DHLRI Discovery Series, Heping (Peace) Cheng, PhD; Laboratory of Cardiovascular Science, National Institute on Aging, NIH. 170 Davis Heart & Lung.

February 25: Research in Progress, Zhenguang Liu, MD, PhD; Assistant Professor, Division of Cardiovascular Medicine; Member, DHLRI.

Research in Progress presentations are held at noon on Fridays in room 165 Davis Heart & Lung.

“The most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' (I found it!) but 'That's funny ...'”

Isaac Asimov (1920 - 1992)

Building Safety Training Courses Schedule

All COMPH/OHS faculty, students and staff who are located in college of medicine/health sciences buildings (this includes DHLRI and TMRF) are required to attend a one hour, one time only training session on building safety. If you've yet to do so, please plan on attending one of the courses below. No pre-registration is required.

Thursday, February 10th, 2005
1:00 - 2:00 PM,
107 Hamilton Hall

Wednesday, March 16th, 2005
9:00 - 10:00 AM
165 Davis Heart & Lung

If you have questions about this session, call Adrienne Frostholtm at 292-7747 (frostholtm.1@osu.edu).

Extended Laboratory Safety Training

The Office of Environmental Health & Safety (OEHS) will again sponsor an Extended Laboratory Safety Training Course in the Winter Quarter. The course consists of five-two hour sessions, a total of 10 hours. Classes will meet on THURSDAYS (January 27th, February 3rd, 10th, 17th and 24th) from 2 - 4 PM, in Room 700B at the 1314 Kinnear Road training facility.

The course incorporates a wide variety of subjects relating to laboratory safety and is designed to be comprehensive. It is structured to provide a basic understanding of safety concepts for all laboratory personnel and to heighten the awareness of practicing science in a consistently safe manner. The training is open anyone interested in gaining a deeper understanding of general lab safety. Although this 10-hour class is not mandatory for College of Medicine and Public Health employees, beginning graduate students and others without extensive laboratory experience are encouraged to enroll. The program fulfills the "basic/generic" training requirement for OSHA's Hazard Communication, Laboratory and Bloodborne Pathogens Standards.

Eight university safety professionals with many years of experience teach the course. A combination of lecture, demonstrations, and video presentations will be used. Each participant will receive a complementary Lab Safety Manual, which is used as an instruction tool. Most topics are 50-60 minutes in length.

For additional questions contact: Gary Isaacs at 292-1284 (isaacs.30@osu.edu). To pre-register, call OEHS at 292-1284 and ask to register for the 10 hour extended safety class.



Recent Publications

Babu GJ, Zheng Z, Natarajan P, Wheeler D, Janssen PML, Periasamy M.
Overexpression of sarcolipin decreases myocyte contractility and calcium transient. *Cardiovasc Res.*2005;65:177-186.

Hassanain HH, Irshaid F, Wisel S, Sheridan J, Michler RE, Goldschmidt-Clermont PJ. Smooth muscle cell expression of a constitutive active form of human Rac 1 accelerates cutaneous wound repair. *Surgery.* 2005 Jan;137(1):92-101.

Michael B, Nair A, Lairmore M. 2004. Role of Accessory Proteins of HTLV-1 in Viral Replication, T Cell Activation, and Cellular Gene Expression. *Frontiers in Biosciences* 9: 2556-2576. (updated 2005- *Front Biosci.* 2005 Jan 1;10:17-37)

Most P, Pleger S, Volkens M, Heidt B, Boerries M, Weichenhan D, Loffler E, Janssen PML, Williams ML, Katus HA, Remppis A, Koch WJ. Cardiac adenoviral S1001A gene delivery rescues contractile function of failing myocardium. *J Clin Invest.* 2004;114:1550-1563.

Wright VP, Klawitter P, Iscru DF, Merola AJ, Clanton TL. Superoxide scavengers augment contractile but not energetic responses to hypoxia in rat diaphragm. *J Appl Physiol.* 2005 Jan 7; [Epub ahead of print].

Awards

PI: Glen Cooke
Sponsor: NHLBI
Title: Pharmacogenetic antiplatelet strategies in CHD patients
Amount: \$133,992
End date: 12/31/05

PI: Sandor Gyorke
Sponsor: NHLBI
Title: Ryanodine receptor channels in heart failure
Amount: \$363,850
Start date: 10/1/04 End date: 6/30/05

PI: Jay Zweier
Co-PIs: Periannan Kuppusamy, Alex Samouilov
Sponsor: NHLBI
Title: Measurement of free radical generation in the heart
Amount: \$406,051
Start date: 12/1/04 End date: 11/30/05

For more information on this newsletter, contact the editor, Chris Brakenbury, at 247-7155 or brakenbury-1@medctr.osu.edu. The newsletter is also available online at <http://heartlung.osu.edu>. To unsubscribe, please contact Chris via e-mail.