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Lurie Cancer Center Member Bobby Satcher is First Orthopedic Surgeon in Space

Dr. Robert “Bobby” Satcher became the first orthopedic surgeon to orbit the earth when he took off on the Space Shuttle Atlantis for his 5-million mile journey to the International Space Station on Nov. 16. Scheduled to embark on three space walks with the STS-129 crew, Satcher’s surgical training in intricate joint replacements helped prepare him to repair two robotic arms on the exterior of the space station.

Satcher, 44, is an assistant professor of orthopedic surgery at the Feinberg School of Medicine, a surgeon at Northwestern Memorial Hospital and a member of the Lurie Cancer Center.

Satcher, a specialist in child and adult bone cancer who also is a surgeon at Children’s Memorial Hospital, left the earth’s atmosphere just after another astronaut with Northwestern ties returned from space. Michael Barratt, who earned his Doctor of Medicine degree from Feinberg and who has taught about physiological changes that occur in space, recently returned to Houston from his mission on the space station.

“I’m proud to continue the tradition,” Satcher said. He has been on leave from Northwestern since he was accepted into the NASA program in 2004. Satcher carried two Northwestern flags to the space station, one from the University and one from the Feinberg School’s 150th anniversary. The 11-day journey of nearly 4.5 million miles was not quite long enough for Satcher who reflected, “It seems like we just arrived…”

Lurie Cancer Center Joins LIVESTRONG Young Adult Alliance

Each year, nearly 70,000 young adults between the ages of 15 and 39 are diagnosed with cancer. In contrast to those younger and older, survival rates for young adults have not increased since 1975, possibly due to factors such as lack of insurance, less participation in clinical trials and delayed diagnoses. These young survivors are often caught between the worlds of pediatric and adult oncology, and face a variety of unique long-term effects that will need to be addressed over their lifetimes.

The Lurie Cancer Center is committed to being part of the solution, and has joined the LIVESTRONG Young Adult Alliance, a coalition of organizations with the goal of improving the survival rates and quality of life for young adults with cancer. Lurie Cancer Center Clinical Psychologist, Stacy Sanford, PhD, and Jennifer Reichek, MD, MSW, from Children’s Memorial Hospital, are co-chairs of a multidisciplinary working group to promote clinical and research initiatives for our young adult cancer patients. If you are interested in being part of the Lurie Cancer Center’s initiative, please contact Dr. Sanford at 312.695.2356 or ssanford@nmff.org.

To learn more about the Young Adult Alliance, click here.
Mehmet Dokucu Named Director of Cancer Psychiatry Services

Mehmet Dokucu, MD, PhD, has joined the Lurie Cancer Center as the first Director of Cancer Psychiatry Services. Dokucu, Assistant Professor of Psychiatry at the Feinberg School of Medicine, comes to Northwestern from Washington University in St. Louis where he served as the Director of Consultation-Liaison Psychiatry at Barnes Jewish Hospital and the Consulting Psychiatrist at the Siteman Cancer Center.

Because a cancer diagnosis brings a range of emotions including anxiety, depression, grief and fatigue, supportive care is an integral part of cancer treatment. The Lurie Cancer Center’s clinical cancer care and Supportive Oncology teams can refer patients in need of additional services to Dr. Dokucu and Psychiatric Advanced Nurse Practitioner Lee LaMee, RN, APN. LaMee conducts the initial evaluation and then triages or works with patients directly depending on his assessment. In addition to being available to these patients, Dr. Dokucu is available to work with cancer patients who have pre-existing mental health issues. “Dr. Dokucu’s role is critical as we enhance and expand programs to address the range of psycho-social issues that our patients and their families face with a cancer diagnosis,” says Lurie Cancer Center Director, Steven Rosen, MD.

Dr. Dokucu’s clinical research interests include transcranial magnetic stimulation (TMS), a form of brain stimulation that uses magnetic fields to stimulate nerve cells in the brain with the hope of reducing symptoms of depression. Because TMS specifically targets the brain instead of the whole body, it is potentially an option for patients whose treatment might conflict with anti-depressant medications.

Dr. Dokucu looks forward to teaching psychiatry residents about cancer’s impact on mental health, and helping the next generation of cancer care professionals hone the skills required to deliver unwelcome news with empathy and compassion; lessons, he acknowledges, that “are rarely emphasized in traditional medical training.”

To refer a Lurie Cancer Center patient, call Nick Del Priore at 312.695.1154

Contact Lee LaMee at 312.695.9197 or llamee@nmff.org for additional information.

Awards & Honors

Robert Levy, MD, PhD, has been named “Neurotechnology Researcher of the Year” by Neurotech Reports.

Steve Rosen, MD, was honored at November’s Employee Town Hall Meeting, where he was surprised with a cake celebrating his 20th anniversary as Director of the Lurie Cancer Center by Ann Lurie.

Lynne Wagner, PhD, has been elected to the Commission on Cancer (CoC), representing the American Psychosocial Oncology Society. The COC is a consortium of professional organizations dedicated to improving survival and quality of life for cancer patients through standard-setting, prevention, research, education, and the monitoring of comprehensive quality care.
NCI awards 13.6 Million Grant for Physical Sciences-Oncology Center

Northwestern University has been awarded a $13.6 million five-year grant from the NCI to establish an interdisciplinary research center for the study of genes and their role in cancer. A better understanding of the mechanisms could lead to better diagnostics and therapeutics and open up new directions for research.

Northwestern’s Physical Sciences-Oncology Center (PS-OC), one of 12 established by the NCI nationwide, brings together physical scientists and cancer biologists to use non-traditional, physical sciences-based approaches to understand and control cancer. “Our center will be studying the regulation and expression of genes in both normal health and development and in cancer,” said principal investigator Jonathan Widom, the William Deering Professor in Biological Sciences in the Weinberg College of Arts and Sciences and Lurie Cancer Center member. “We need to understand healthy cells to understand and control cancer.”

The PC-OS initiative is expected to generate new knowledge in order to identify and define critical aspects of physics, chemistry and engineering that shape and govern the emergence and behavior of cancer at all scales. Jonathan Licht, the Johanna Dobe Professor in Hematology/Oncology at Feinberg and Associate Director of Clinical Science Research at the Lurie Cancer Center, is senior co-investigator of the Northwestern PS-OC.

A combined effort of the Chemistry of Life Processes Institute and the Lurie Cancer Center, the center’s focus is on the molecular mechanisms by which genetic and epigenetic information is encoded and decoded in cancer cells. By combining diverse approaches from the physical sciences, including nano and atomic-scale investigation, advanced optics, high-level computational power and mathematical modeling, the center’s investigators hope to gain new insights into fundamental processes of the cell.

The Northwestern PS-OC draws scientists -- theoretical physicists, mathematicians, molecular biologists, chemists, engineers and endocrinologists -- from Weinberg, Feinberg and the McCormick School of Engineering and Applied Science. Other investigators are from the University of Chicago, Children’s Memorial Hospital, the California Institute of Technology and the Weizmann Institute.

In addition to funding for five research projects and two core facilities, the NCI grant will provide funding to Northwestern investigators and potential collaborators at other PS-OCs across the nation for new interdisciplinary pilot projects that relate to the overarching theme of the Northwestern PS-OC. The grant will also fund multidisciplinary workshops, seminars and specialized programs for training the next generation of interdisciplinary physical scientists and clinicians.

More information about the Physical Science-Oncology Centers program can be found at http://physics.cancer.gov/.
Biostatistics Collaboration Center

The Biostatistics Collaboration Center (BCC) is a Feinberg School of Medicine (FSM) resource initiated in 2004 to provide research design and statistical support to FSM investigators. The BCC is comprised of a group of experienced faculty and staff who work with investigators in all aspects of their research projects, from concept and study design to data acquisition, data analysis and final scientific reporting. Faculty members are Leah Welty, Kwang-Youn Kim, Julia Lee, Mary Kwasny, Borko Jovanovic, Joan Chmiel and BCC Director, Alfred Rademaker. The BCC’s staff includes Nancy Jin, Jie Peng, Thongsy Singvongsa and Sarah Weitner.

The primary goal of the BCC is to collaborate and consult with FSM researchers in order to produce studies and statistical analyses that ultimately result in funded grants, peer-reviewed publications and presentations at professional meetings. Typically the best results come from researchers and statisticians working hand-in-hand as collaborators in these activities.

Requests for BCC support and services may be made at http://www.feinberg.northwestern.edu/depts/bcc/requestForm.htm or by email, bcc@northwestern.edu. The BCC is located with the Department of Preventive Medicine on the 14th floor of 680 N. Lake Shore Dr., along with the department’s Program in Biostatistics and the Lurie Cancer Center’s Biostatistics Core Facility.

For additional information call 312.503.2288 or visit www.medschool.northwestern.edu/depts/bcc/

Spanish Promotional Tools Increase Awareness of Clinical Trials

The NCI’s new posters and pins promoting clinical trials were received enthusiastically by clinical trial staff. Because clinical trial materials that connect with diverse audiences are critical, posters are now available translated into Spanish and with an African American health care provider featured on the English version.

Contact the NCI’s Cancer Information Service at 1-800-4-CANCER or visit www.cancer.gov for additional information about available posters and pins. To order posters directly, please go to https://cissecure.nci.nih.gov/ncipubs/home.aspx.

Be the Match

If you missed November’s “Be the Match” bone marrow/stem cell registry drive, another opportunity is coming up. It’s easy and painless—you will be asked to fill out a brief form and swab the inside of your cheek for cells. That’s all it takes to join the registry and possibly be the one to save a life. Held in conjunction with the American Red Cross blood drive at Northwestern Memorial Hospital, the event will take place on:

Tuesday, Feb. 9, 11:00 a.m. – 5:00 p.m. or Wednesday, Feb. 10, 8:00 a.m. – 2:00 p.m.
Feinberg Pavilion, 3rd floor, Room A

Volunteering to register donors is another way to help. Contact Ann Mary Flaharty at a-flaharty@northwestern.edu or 312.695.1390. Donating blood is not required to join the registry. For more information on registering as a donor, visit www.marrow.org.
Cancers of the breast and the reproductive system affect more than 250,000 women in the United States each year and account for 45 percent of all cancers diagnosed in women. In the wake of a diagnosis of breast or reproductive system cancer, women face a vast range of challenges and benefit from skilled, compassionate, gender-based care.

The Northwestern Women’s Cancer Program is dedicated to meeting the medical, emotional, genetic, nutritional and cosmetic needs of these women. Under the umbrella of the Lurie Cancer Center and utilizing a multidisciplinary, team-oriented approach, the program combines the finest clinical care with leading-edge research and first-rate medical education.

A dedicated suite has been developed by Northwestern Medical Faculty Foundation on the fourth and fifth floors of Northwestern Memorial’s Prentice Women’s Hospital to provide the best possible patient experience for each woman.

Occupying nearly 25,000 square feet, this new facility includes:

- 24 exam rooms and 6 consultation rooms
- 11 private chemotherapy rooms and a group chemotherapy area, providing patients with a choice of environments
- A distinct Supportive Oncology suite that includes 2 group conference rooms, a private psychology consult room and a healing boutique
- A group patient education room.

The Northwestern Women’s Cancer Program introduces a new level of comprehensive cancer care to the Chicago area, providing a wide range of services on-site to assist patients and families. Outstanding aspects of the program are:

**The Supportive Oncology Program**
Provided through the Lurie Cancer Center, the Supportive Oncology Program focuses on the psychological, emotional, nutritional and social needs of cancer patients. This program serves as the foundation of the interdisciplinary, holistic care that we strive to deliver to every cancer patient. Our Supportive Oncology team includes psychiatrists, psychologists, social workers, dietitians, health educators and patient navigators. Both independently and collaboratively, all team members provide services that complement and enhance our patients’ clinical care.

**The 360 Program**
Specific to the Northwestern Women’s Cancer Program, the 360 Program was established to address cancer patients’ needs from every angle. This program enhances our Supportive Oncology services by offering access to integrative medicine techniques, rehabilitation, consulting services and patient navigation assistance. Through the offerings of the 360 Program, we hope to ensure that all patients and their loved ones are better able to cope with medical treatments, to manage stress and to experience healing.

To learn more about the Women’s Cancer Program and to schedule an appointment, please call 866.LURIE.CC or 312.695.0990.
The copper sequestering drug tetrathiomolybdate (TM) has been shown in studies to be effective in the treatment of Wilson disease, a disease caused by an overload of copper, and certain metastatic cancers. That much is known. Very little, however, is known about how the drug works at the molecular level.

A new study led by Northwestern University researchers has provided an invaluable clue: the three-dimensional structure of TM bound to copper-loaded metallochaperones. The drug sequesters the chaperone and its bound copper, preventing both from carrying out their normal functions in the cell. For patients with Wilson disease and certain cancers whose initial growth is helped by copper-dependent angiogenesis, this knowledge opens the door to the development of new classes of pharmaceutical agents based on metal trafficking pathways, as well as the further development of more efficient TM-based drugs.

“Essential metals are at the center of many emerging problems in health, medicine and the environment, and this work opens the door to new biological experiments,” said Thomas V. O’Halloran, the study’s senior author and the Charles E. and Emma H. Morrison Professor of Chemistry in the Weinberg College of Arts and Sciences at Northwestern, Associate Director for Basic Science Research at the Lurie Cancer Center and Director of Northwestern’s Chemistry of Life Processes Institute. He and geneticist Valeria Culotta of Johns Hopkins University discovered the first copper chaperone function in 1997.

O’Halloran and his research team studied the copper chaperone protein Atx1, which provides a good model of copper metabolism in animal cells. “We wondered what the drug tetrathiomolybdate did to copper chaperones -- proteins charged with safely ferrying copper within the cell -- and what we found was most amazing,” he said. “The drug brings three copper chaperones into close quarters, weaving them together through an intricate metal-sulfur cluster in a manner that essentially shuts down the copper ferrying system.”

The nest-shaped structure of the metal-sulfur cluster discovered by the researchers was completely unanticipated. “When we mixed TM together with copper chaperone proteins in a test tube, the color of the solution changed from light orange to deep purple,” said Hamsell M. Alvarez, the paper’s first author and a former doctoral student in O’Halloran’s lab, now with Merck & Co., Inc. “The sulfur atoms in the tetrathiomolybdate bound to the copper atoms to form an open cluster that bridged the chaperone proteins. In this manner, three copper proteins were jammed onto one thiomolybdate.”

Alfonso Mondragón, professor of biochemistry, molecular biology and cell biology in the Weinberg College of Arts and Sciences, and graduate student Yi Xue, both co-authors of the paper, solved the three-dimensional crystal structure using protein X-ray crystallography. This is the first example of a copper-sulfide-molybdenum metal cluster protein. Mondragón is a member and Alvarez was a Malkin Fellow of the Lurie Cancer Center.

Based on the structure and additional experiments, the scientists propose that the drug inhibits the traffic of copper within the cell because of its ability to sequester copper chaperones and their cargo in clusters, rendering the copper inactive. “We conclude that the biological activity of TM does not arise from a simple copper sequestering action but through a disruption of key protein-protein interactions important in human copper metabolism,” Alvarez said.

Inorganic elements, such as copper, zinc and iron, are vital to the healthy functioning of all cells in living organisms. But they are high-maintenance nutrients, and too much can be toxic. Copper also is an important cofactor for tumor angiogenesis, the process of growing new blood vessels to feed the tumor. Researchers believe this is why TM has shown promise as an anti-cancer drug.
Updated Visitor Information During Flu Season

The Lurie Cancer Center and NMH have modified the visitor policy in all hospital facilities to provide the best protection for our patients during widespread flu activity. Consistent with national recommendations and an assessment of our patient populations, the new policy uniformly prohibits visitors under age 18 in most circumstances and prohibits visiting by anyone with signs of a flu-like illness.

New guidelines, effective immediately at Prentice Women’s Hospital and in the Feinberg, Galter and Olson Pavilions are:

Public Areas: All visitors are welcome in all public areas.

Inpatient, Surgical and Invasive Procedure Areas: No visitors under age 18. However, there is a compassionate exception process available for patients who are critically ill or other appropriate exceptions at the discretion of the care team. The nurse manager and nurses will manage requests for exceptions. All visitors will be asked basic health screening questions when they receive the visitor badge; if they have flu-like symptoms they may not visit.

Outpatient Diagnostic and Testing Areas: Any visitor who appears ill may be asked to put on a mask or leave the hospital. Any visitor who accompanies a patient into the care area will be asked basic health screening questions. Children under 18 are discouraged when services are scheduled. However, staff will work with patients who do bring children to ensure that they receive medically needed services.

Tours: Tours of patient care areas by those under 18 have been suspended during the flu season. Tours of patient care areas by adults continue on a limited basis, with health screening.

Staff questions, comments and suggestions may be directed to Cindy Barnard at cbarnard@nmh.org.

New Chemo Cocktail May Prevent Spread of Breast Cancer to Organs

Think of a protective fence that blocks the neighbor’s dog from charging into your backyard. The body, too, has fences -- physical and biochemical barriers that keep cells in their place.

When breast cancer spreads or metastasizes, it crashes through the body’s protective fences. Seth Corey, MD, has found a way to strengthen the breast’s “fence” to prevent cancer from metastasizing. He discovered that when a drug normally used to treat leukemia is added to a commonly used breast cancer drug, the potent new chemotherapy cocktail helps prevent breast cancer cell invasion by half. Corey is the principal investigator of the study, which recently was reported in the British Journal of Cancer.

“This is an entirely new way of targeting a cancer cell,” said Corey, the Sharon B. Murphy–Steven T. Rosen Research Professor of Cancer Biology and Chemotherapy at the Feinberg School of Medicine and director of the pediatric oncology program at the Lurie Cancer Center. He found that when the leukemia drug dasatinib is combined with the breast cancer drug doxorubicin, the potent mix inhibits breast cancer cell invasion by half. Corey is the principal investigator of the study, which recently was reported in the British Journal of Cancer.

Dasatinib targets an enzyme called the Src kinase, which is believed to play a key role in breast cancer invasion and metastases. “Perhaps this drug could be given to prevent invasion from happening in the first place,” said Corey, who also is a pediatric oncologist at Children’s Memorial Hospital. “This might keep the disease in check and prevent it from progressing.”
Physicians’ Education Resource and the Lurie Cancer Center have partnered to present an online grand rounds series, “A Focus on Hematologic and Solid Tumor Malignancies” – this online series is patterned after the traditional academic live format and consists of 1 module with 4 activities that address acute leukemias, early-stage breast cancer, metastatic breast cancer, and renal cell carcinoma. Each activity is a stand-alone unit comprising a 5-minute introduction and a 15-minute didactic presentation that reviews mechanisms of disease and rationale of diagnostic and therapeutic modalities that are relevant in the practice of hematology and oncology. Key recent data, commentary by the faculty, and the application of those data in defined clinical situations will be presented and discussed. The activity will end with a 10-minute question-and-answer session moderated by Lurie Cancer Center Director, Steven T. Rosen, MD.

**Current Online Grand Round Activities***:

- Exploiting Targeted Therapies for Improved Outcomes in Renal Cell Carcinoma  
  - Gary R. MacVicar, MD

- Novel Strategies for Patients With Acute Myeloid Leukemia  
  - Martin S. Tallman, MD

- Chemotherapy Options in Metastatic Breast Cancer: Combination Strategies  
  - William J. Gradishar, MD, FACP

- Optimizing Endocrine Therapy and Side Effect Management for Early-Stage Breast Cancer  
  - Mary Cianfrocca, DO

Access these activities at: [http://www.cancer.northwestern.edu/home/pros.cfm](http://www.cancer.northwestern.edu/home/pros.cfm)

**Continuing Education Information**

Physicians’ Education Resource is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

*Selected activities approved for AMA PRA Category 1 Credit™

**Share the Holiday Spirit!**

The Lurie Cancer Center is collecting new, unwrapped toys for children treated by our Radiation Oncology Department. Boxes are available for drop off through January 15th, 2010 in the following locations:

- Galter Pavilion, 21st floor, near staff elevator
- Prentice Women’s Hospital, 15th floor, staff lounge
- Prentice Women’s Hospital, 4th floor
- Olson Pavilion, 8th floor
- 676 N. St. Clair, 12th floor, suite 1200
- Lurie Medical Research Center, 3rd floor

Your gift will brighten a child’s day!
Throughout the year, the Lurie Cancer Center offers professional education and patient programs on various cancer related topics. Below is a set of programs scheduled through March 1, 2010. For more information or to register, visit cancer.northwestern.edu or call 312.695.1304.

**Professional Programs**

**NCCN Clinical Practice Guidelines in Oncology Symposium™ Breast Cancer and 2009 San Antonio Breast Cancer Symposium Review**
- January 28, 2010
- Prentice Women’s Hospital
- 3rd Floor, Room L

**Current Trends in Leukemia, Lymphoma and Myeloma**
- February 18, 2010
- Northwestern Memorial Hospital
- Feinberg Pavilion, 3rd Floor, Pritzker Auditorium

**2010 Gastrointestinal Cancers Symposium: The Multidisciplinary Approach**
- February 26, 2010
- Prentice Women’s Hospital
- 3rd Floor, Room L

**5th Annual Pain and Palliative Care Conference**
- March 12, 2010
- Northwestern Memorial Hospital
- Feinberg Pavilion, 3rd Floor, Conference Room A

**Public Programs**

**Cancer CONNECTION Days**
An opportunity for patients and families to learn about local support groups, educational programs, wellness activities and community resources.
- January 13, 2010, 11:00 a.m. - 2:00 p.m.
- Spotlight: Blood Cancers
- Galter Pavillion, 21st floor

- February 11, 2010, 11:00 a.m. - 2:00 p.m.
- Spotlight: Women’s Cancers
- Prentice Women’s Hospital, 4th floor

**Physical Functioning with Cancer: The Role of Rehabilitation**
- December 15, 2009, 6:30 p.m. -7:30 p.m.
- Gilda’s Club Chicago
- 537 N Wells St.
- gildasclubchicago.org

**Leukemia Research Foundation Annual Town Hall Meeting**
- January 31, 2010, 1:00 p.m. – 4:00 p.m.
- Northwestern Memorial Hospital
- Feinberg Pavilion, 3rd Floor, Conference Room C

**William Gradishar Leads Discovery Health Channel CME Program**
Metastatic breast cancer is not curable, but a number of recent treatment advances are enabling women with metastatic breast cancer to live longer and better lives. The NCCN collaborated with Discovery Health Channel to produce a program profiling three patients with metastatic breast cancer and their healthcare team, including a Lurie Cancer Center patient with her physician, Virginia Kaklamani, MD.

Metastatic Breast Cancer: Individualizing Treatment, can be seen on the Discovery Health Channel (check local listings for most current schedule) or on the Lurie Cancer Center Web site at http://www.cancer.northwestern.edu/news/discovery.cfm. This program is available for Continuing Medical Education (CME/CE) credits for physicians as well as nurses. William Gradishar, MD, and other members of the NCCN Guidelines Panel for Breast Cancer, discuss individualizing treatment, and focus on evolving data for metastatic breast cancer and the application in the current NCCN Guidelines.

For additional information about the program and available CME/CE credits, visit NCCN.org or DiscoveryHealthCME.com.
Grand Rounds

Grand Rounds are held on Fridays from 8:00 a.m. to 9:00 a.m. in the Gray Seminar Room of the Robert H. Medical Research Center, 303 E. Superior, (unless otherwise noted). Contact Denise Marshall at 312.6951392 or d-marshall4@northwestern.edu.

December 18  A Histone MAP of MDS  Guillermo Garcia-Manero, MD  Associate Professor, Department of Medicine and  Chief, Section of Myelodysplastic Syndromes  University of Texas M.D. Anderson Cancer Center  Houston, TX

December 25  No Grand Rounds-Winter Holiday

January 1  No Grand Rounds-Winter Holiday

January 8  Biologic and Therapeutic Implications of Prognostic Markers in Acute Myeloid Leukemia  Guido Marcucci, MD  Professor, Department of Medicine  Division of Hematology/Oncology  Ohio State Medical Center

January 15  TBA

January 22  Jyoti Patel, MD  Associate Professor, Department of Medicine  Division of Hematology/Oncology  Northwestern University, Feinberg School of Medicine  Chicago, IL

January 22  TBA

February 5  Clinical Thrombosis-An Update 2010  Hau Kwaan, MD, PhD  Professor, Department of Medicine  Division of Hematology/Oncology  Northwestern University, Feinberg School of Medicine  Chicago, IL

February 12  Good Communication is NOT Magic: An Empirical Approach to Talking with Cancer Patients  James Tulsky, MD  Director of Center for Palliative Care  Duke University  Durham, NC

February 19  TBA  Olatoyosi Odenike  Assistant Professor, Department of Medicine  University of Chicago  Chicago, IL

February 26  No Grand Rounds-ASCO GI Review
Tumor Cell Biology

Robert H. Lurie Medical Research Center
Baldwin Auditorium
303 E. Superior
Thursdays--1:15 p.m. to 2:15 p.m.

December 17  Cyclins as Targets for Lung Cancer Therapy and Prevention
              Ethan Dmitrovsky, MD - Professor, Division of Hematology/Oncology
              Chair, Pharmacology and Toxicology Program
              Norris Cotton Cancer Center
              Lebanon, NH

December 24  No Tumor Cell Biology Seminar-Winter Holiday

January 14   Wnt Beta-catenin Signaling
              Kenneth Cadigan, PhD
              Associate Professor, Department of Cellular and Developmental Biology
              University of Michigan
              Ann Arbor, MI

January 21   The Hematopoietic Niche and Leukemia Stem Cells
              Dorothy Sipkins, MD
              Assistant Professor, Department of Medicine
              Division of Hematology/Oncology
              University of Chicago
              Chicago, IL

January 28   Geminin in Hematopoietic Cell Differentiation
              Thomas McGarry, MD
              Associate Professor, Department of Medicine
              Northwestern University, Feinberg School of Medicine
              Chicago, IL

February 4   Genetic Selection During Gliomagenesis
              Markus Bredel, MD, PhD
              Assistant Professor, Department of Neurological Surgery
              Northwestern University, Feinberg School of Medicine
              Chicago, IL

February 11  Epstein-Barr Virus in Burkitt’s Lymphoma: A Role for Latent Membrane Protein 2A
              Kathryn Bieging-IGP Student
              Department of Microbiology-Immunology
              (Dr. Richard Longnecker’s Lab)
              Northwestern University, Feinberg School of Medicine
              Chicago, IL

February 18  TBA

February 25  The role of the CD44s Splice Isoform in Breast Cancer Recurrence
              Rhonda Brown, IGP Student
              Northwestern University, Feinberg School of Medicine
              Chicago, IL
Cancer Center Appoints New Members

Steven T. Rosen, MD, FACP, Director of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University, announces the following full member appointments:

**M. Javeed Ansari, MD,** is Assistant Professor in the Department of Medicine, Division of Nephrology at the Feinberg School of Medicine. His research focus is studying the role of Novel Th17 immunity in Allograft Rejection and Tolerance. Th17 immunity has been linked to either protection from or promotion of tumorigenesis and may have potential impact on cancer research. His office is in Tarry, Room 1173, 300 East Superior St., Chicago. Contact Dr. Ansari at 312.503.2677 or jansari@northwestern.edu.

**G.R. Scott Budinger, MD,** is Associate Professor in the Department of Medicine, Division of Pulmonary and Critical Care at the Feinberg School of Medicine. His lab is focused on answering two interrelated questions—“What is the role of apoptosis mediated through the Bcl-2 family of protein in the development and lung injury?” and “How does oxidant stress in the lung, induced by particulate matter air pollution cause lung inflammation and contribute to cardiopulmonary morbidity and mortality?” His office is in McGaw, M300, 240 E. Huron St, Chicago. Contact Dr. Budinger at 312.503.2548 or s-buding@northwestern.edu.

**Yasmin Gosiengfiao, MD,** is Clinical Assistant Professor in the Department of Pediatrics, Division of Hematology / Oncology-Stem Cell Transplant Research at the Feinberg School of Medicine. Her research interests are related to pediatric solid tumors and fertility preservation. Her office is at 2300 Children’s Plaza, #30, Chicago. Contact Dr. Gosiengfiao at 773.880.4562 or ygosiengfiao@childrensmemorial.org.

**Gokhan Mutlu, MD,** is Associate Professor in the Department of Medicine, Division of Pulmonary and Critical Care at the Feinberg School of Medicine. His lab is focused on answering two questions—“What are the mechanisms by which particulate air pollution causes lung inflammation, activates coagulation and leads to cardiopulmonary morbidity and mortality?” and “How does adenosine regulate acute lung injury?” His office is in McGaw, M300, 240 E. Huron St., Chicago. Contact Dr. Mutlu at 312.908.8163 or g-mutlu@northwestern.edu.

**Jennifer Reichek, MD, MSW,** is Assistant Professor in the Department of Pediatrics, Division of Hematology / Oncology at the Feinberg School of Medicine. Her clinical research projects involve ameliorating the survival and quality of life in adolescents and young adults with cancer. Her office is at 2356 N. Lincoln Avenue, P243, Chicago. Contact Dr. Reichek at 773.868.8082 or jreichek@childrensmemorial.org.

**Christian Stehlik, PhD,** is Assistant Professor in the Department of Medicine, Division of Rheumatology at the Feinberg School of Medicine. His research studies inflammatory and apoptotic signaling mechanisms, focusing on the mechanism(s) by which caspase-1 is activated in macrophages, as well as the molecular mechanism of ASC function. His office is in McGaw, M309, 240 E. Huron St., Chicago. Contact Dr. Stehlik at 312.503.3141 or c-stehlik@northwestern.edu.

**Joanna Weinstein, MD,** is Assistant Professor in the Department of Pediatrics, Division of Pediatric Hematology / Oncology- Stem Cell Transplant Research at the Feinberg School of Medicine. Her clinical interests include retinoblastoma, histiocytoses, lymphoma, post-transplant lymphoproliferative disorders, and general malignancies in children. She is also working with the Falk Brain Tumor Center, caring for patients with brain tumors and is interested in enrolling patients in clinical trials related to childhood cancer. Dr. Weinstein is fellowship co-Director of the Pediatric Hematology / Oncology Fellowship Program at Children’s Memorial Hospital. Her office is at 2300 Children’s Plaza, #30, Chicago. Contact Dr. Weinstein at 773.880.4562 or jweinstein@childrensmemorial.org.
Robert H. Lurie Comprehensive Cancer Center News
Office of Public Affairs and Communications -
676 N. St. Clair, Suite 1200 - Chicago, IL 60611 - 312.695.1304

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Managing Editor - Jennifer Bowker
Designer - Daniel D. Cooper

Lurie Cancer Center Weekly Updates
Information to be considered for inclusion in the Cancer Center’s weekly e-mail updates must be received at least one week in advance. Submit suggestions to Denise Marshall at d-marshall4@northwestern.edu.