University of Maryland School of Medicine MARCH 2011 Vol.12 No.7

What's the buzz?



Self-Reported News from the School of Medicine Community

GRANTS &

Congratulations to our very productive faculty on their recent grants and contracts!

Maria R. Baer, MD, professor, Department of Medicine and Program in Oncology, received a three-year \$600,000 Leukemia and Lymphoma Society Translational Research Grant for her work entitled "Targeting Pim-1 Kinase to Overcome Drug Resistance in AML." Collaborators include Yun Qiu, PhD, associate professor, Department of Pharmacology & Experimental Therapeutics and Program in Oncology, and Curt I. Civin, MD, associate dean for Research, professor, Department of Pediatrics and Program in Oncology, and director, Center for Stem Cell Biology & Regenerative Medicine.



Curt I. Civin. MD

- **Curt I. Civin, MD**, associate dean for Research, professor, Department of Pediatrics and Program in Oncology, and director, Center for Stem Cell Biology & Regenerative Medicine, received a three-year \$824,000 contract from Morphotek, Inc. for "Evaluation of CD300LF mAbs for Treatment of Acute Myeloid Leukemias (AML)."
- Aric Colunga, BS, a GPILS student in the Molecular Medicine Program who works in the laboratory of Laure Aurelian, PhD, professor, Department of Pharmacology & Experimental Therapeutics, received a two-year \$27,540 predoctoral NRSA-F31 grant from the National Cancer Institute for his work entitled "DeltaPK Mediated Melanoma Stem Cell Oncolysis
- ► Howard Dubowitz, MB, ChB, professor, Department of Pediatrics, received a two-year \$419, 856 grant from the Maryland Department of Human Resources for his work entitled "Child Victims of Abuse and Domestic Violence: Identification, Assessment and Treatment."

through Non-redundant Programmed Cell Death."

Anthony Harris, MD, MPH, professor, Department of Epidemiology & Public Health, received a two-year \$5,661,987 grant from the Agency for Healthcare

CONTRACTS

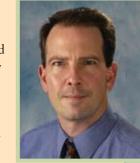
Research and Quality for his work entitled "Effect of the Use of Universal Glove and Gowning."

- Bret A. Hassel, PhD, associate professor, Department of Microbiology & Immunology and Program in Oncology, received a one-year \$135,000 Maryland Proof of Concept Award for his work entitled "Broad Spectrum Antimicrobial Activity by Pharmacologic Activators of RNase-L." In addition, Dr. Hassel received a one-year \$134,552 ARRA administrative supplement grant to his National Institute of Allergy and Infectious Diseases R01 Award entitled "Role of the Antiviral Ribonuclease RNase-L in the Host Antibacterial Response."
- **Dean L. Mann, MD**, professor, Department of Pathology, re-Bret A. Hassel, PhD ceived a one-year \$263,212 Maryland Industrial Partnerships award for validating a prototype, large-scale, hollow-fiber bioreactor system for use in manufacturing in the biotechnology industry.

Stuart Martin, PhD, associate professor, Department of Physiology, and

- Program in Oncology, received the Era of Hope Scholar Award funded by the United States Department of Defense breast cancer research program. This is a five-year \$3.5 million award to support an international collaboration between physicists, engineers, tumor cell biologists and breast cancer clinicians to examine
- Michael T. Shipley, PhD, the Donald E. Wilson Distinguished Professor and chair, Department of Anatomy & Neurobiology, and director, Program in Neuroscience, received a five-year \$2,875,343 grant from the National Institute on Deafness and other Communication Disorders for his work entitled "Modulation of Glomerular Function."

mechanical alterations in circulating breast tumor cells.





Michael T. Shipley, PhD

APPOINTMENTS

We applaud our colleagues on their recent appointments!

- Maureen Black, PhD, professor, Department of Pediatrics, was appointed as chair of the Advisory Board of the Maryland Special Supplemental Nutrition Program for Women, Infants and Children, or WIC. Her one-year appointment began September 1, 2010.
- Meredith Bond, PhD, professor and chair, Department of Physiology, was elected to a three-year term as Association of Chairs of Departments of Physi-

ology (ACDP) representative to the Council of Academic Societies of the Association of American Medical Colleges at its annual meeting of Chairs of Departments of Physiology. Dr. Bond has served as past president of the ACDP.



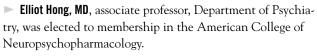
Vincent Bruno, PhD

► Angela H. Brodie, PhD, professor, Department of Pharmacology & Experimental Therapeutics and Program in Oncology, has been appointed to the Scientific Advisory Board of the Susan G. Komen Foundation.

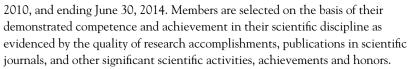


Angela H. Brodie, PhD

▶ Vincent Bruno, PhD, was appointed to the rank of assistant professor in the Department of Microbiology & Immunology in September 2010. Dr. Bruno also will work in the Institute for Genome Sciences. Dr. Bruno uses high-throughput genomic techniques to study gene regulation and virulence of Candida albicans, the major invasive fungal pathogen of humans.



Achsah D. Keegan, PhD, professor, Department of Microbiology & Immunology, Center for Vascular and Inflammatory Diseases and Program in Oncology, accepted an NIH invitation to serve as a member of the Cellular and Molecular Immunology—B Study Section, Center for Scientific Review, beginning July 1,



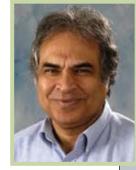
Michael T. Shipley, PhD, the Donald E. Wilson Distinguished Professor and chair, Department of Anatomy & Neurobiology, and director, Program in Neuroscience, was re-elected for a second three-year term as Council of Academic Societies (one of the three leadership councils of the Association for American Medical Colleges) and External Affairs Representative for the Association of Anatomy, Cell Biology and Neurobiology Chairpersons (AACBNC). Dr. Shipley was president of AACBNC in 2007. Additionally, Dr. Shipley transitioned from president-elect to president and presided at the

Section on Neuroscience at the February 2011 meeting of the American Association for the Advancement of Science, held in Washington, DC.

- ► **John A. Talbott, MD**, professor, Department of Psychiatry, has been appointed editor-in-chief of the Journal of Nervous and Mental Disease, America's oldest, independent, monthly scientific publication devoted to psychiatry and neurology.
- ► Stefanie N. Vogel, PhD, professor, and Abdu Azad, PhD, professor, both from the Department of Microbiology & Immunology, have been elected fellows of the American Association for the Advancement of Science (AAAS). Election to AAAS, the world's largest general federation of scientists and the publisher of the journal Science, is an honor bestowed upon select individuals "whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished." Dr. Vogel was elected for her "distinguished contributions to the field of innate immunity, particularly in the areas of macrophages, endotoxin response and Toll-like receptors." Dr. Azad was elected for his "pioneering work on the biology and pathogenesis of typhus group Rickettsial pathogens and for developing a SCID mouse model for human malaria parasite." They were recognized at the AAAS Fellows Forum during the 2010 AAAS Annual Meeting in Washington, DC, in May 2010.



Stefanie N. Vogel, PhD



Abdu Azad, PhD



Elliot Hong, MD

A TO

Hats off to those who have been published!



Dawn Alley, PhD



Maria R. Baer, MD

■ Dawn Alley, PhD, assistant professor, Department of Epidemiology & Public Health, co-published an article entitled "Changes in Weight at the End of Life: Characterizing Weight Loss by Time to Death in a Cohort Study of Older Men" in the September issue of American Journal of Epidemiology, 2010;172:558-565. Additionally, Dr. Alley co-published "The Increasing Use of Theory in Social Gerontology: 1990-2004" in the September issue of Journal of Gerontology: Social Sciences, 2010; 65B:583-590, and "Epidemiology of Aging" (pp. 75-95) in the International Handbook of Social Gerontology, D. Dannefer & C. Phillipson (Eds.), London, UK: Sage Publications.

Maria R. Baer, MD, professor, Department of Medicine and Program in Oncology, co-published an article entitled "Pim-1 Kinase Protects P-Glycoprotein from Degradation and Enables its Glycosylation and Cell Surface Expression" in Molecular Pharmacology, 2010 Aug: 78(2):310-8.

Richard Colgan, MD, professor, Department of Family & Community Medicine, wrote

an article entitled "A Modern Family," which ran in the November 24, 2010, issue of the *Journal of the American Medical Association* in its "A Piece of My Mind Section."

► Eduardo Davila, PhD, associate professor, Departments of Otorhinolaryngology-Head and Neck Surgery and Microbiology & Immunology and Program in Oncology, published an article entitled



Richard Colgan, MD

"When Toll-like Receptor and T-cell Receptor Signals Collide: A Mechanism

PUBLICATIONS

for Enhanced CD8 T-cell Effectors Function" in *Blood*, 2010 August 9, [Epub ahead of print]. Additionlly, Dr. Davila co-published "Amplifying TLR-MyD88 Signals within Tumor-Specific T-cells Enhances Antitumor Activity to Suboptimal Levels of Weakly Immunogenic Tumor Antigens" in Cancer Research, 2010 Oct 1;70(19):7442-54, (Epub 2010 Aug 31).



Howard Dubowitz, MB, ChB

- ► Howard Dubowitz, MB, ChB, professor, Department of Pediatrics, published a book, *International Aspects of Child Abuse and Neglect*, Merrick, J. (Eds), Nova Science Publishers, Inc., New York, 2010.
- ► Laundette Jones, PhD, assistant professor, Department of Pharmacology & Experimental Therapeutics, co-published an article entitled "Loss of BRCA1 Leads to an



Laundette Jones, PhD

Increased Sensitivity to Bisphenol A" in *Toxicology Letters*, 2010 Dec 15;199 (3):261-8.

Zuzana Justinova, MD, PhD, assistant professor,

Department of Psychiatry, published an article entitled "Reinforcing and Neurochemical Effects of Cannabinoid CB1 Receptor Agonists, But Not Cocaine, are Altered by an Adenosine A2A Receptor Antagonist" in Addiction Biology and co-authored

an article entitled "Blockade of Nicotine Reward and Reinstatement by Activation of Alpha-Type Peroxisome Proliferator-Activated Receptors" in Biological Psychiatry.

Leonid Medved, ScD, PhD, professor, **Galina Hayes, PhD**, research associate, and, **Sergiy Yakovlev, PhD**, research associate, all from the Department of Biochemistry & Molecular Biology and Center for Vascular and Inflammatory Diseases, co-authored "Non-covalent Interaction of α_2 -antiplasmin with fibrin(ogen): Localization of α_2 -antiplasmin Bind-



Leonid Medved, ScD, PhD

PUBLICATIONS continued



Members of the Department of Pathology's Cytogenetics Lab: Front row (L-R): Angela Gozdor, BS, Valerie Wesley, BA, and Paul Galbraith, BA. Standing row (L-R): Lei Yu, PhD, Yi Ning, PhD, Candice Ament, BS, Joann Meekins, BA, Melody Butler, BS, Elizabeth Waters, BA, Mike Ronnenburg, BA, and Kimberly Watkins, BS.

ing Sites" in *Biochemistry*, 2010, 49: 7643-7651.

➤ Yi Ning, MD, PhD, associate professor and director, Cytogenetics Lab, Department of Pathology, Joann Meekins, BA, supervisor, Cytogenetics Lab, and Melody Butler, BS, FISH supervisor, Cytogenetics Lab, co-authored an article entitled "Microarray Analysis of an Unbalanced t(4;13) Translocation Narrows Down the Trisomy 13 Associated Polydactyly to a 7 Mb Region" in the American Journal of Medical Genetics, November 2010; 152(11):2906-8. In addition, Dr. Ning, along with Lei Yu, PhD, postdoctoral fellow, Department of Pathol-

ogy, co-authored "Activation of a Novel Palmitoyltransferase ZDHHC14 in Acute Biphenotypic Leukemia and Subsets of Acute Myeloid Leukemia" in *Leukemia*, December 10, 2010 [Epub ahead of print]. They also co-authored "Microarray Detection of Multiple Recurring Submicroscopic Chromosomal Aberrations in Pediatric T-cell Acute Lymphoblastic Leukemia" in *Leukemia*, which was accepted for publication in January 2011.

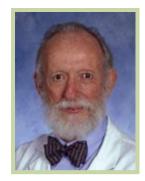


David Rasko, PhD

David Rasko, PhD, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, co-authored an article entitled "Patients with Acinetobacter baumannii Bloodstream Infections are Colonized in the Gastrointestinal Tract with Identical Strains" in the November 2010 issue of the American Journal of Infection Control.

▶ John A. Talbott, MD, professor, Department of Psychiatry, authored an invited chapter, "Medical Professionalism in the New Century: Accomplishments and Challenges in the Future for an American Medical School," in *Professionalism in Mental Healthcare: Experts, Expertise and Expectations*, Bhugra, D and Malik, A. (Editors), (2010) Cambridge University Press, Cambridge, UK.

▶ Sheelu Varghese, PhD, research associate, and H. Richard Alexander, MD, professor, both from the Department of Surgery and Program in Oncology, co-authored "Isolated Hepatic Perfusion with High-dose Melphalan Results in Immediate Alterations in Tumor Gene Expression in Patients with Metastatic Ocular Melanoma" in the *Annals*



John A. Talbott, MD

of Surgical Oncology, 2010 Jul;17(7):1870-7 and "Activation of the Phosphoinositide-3-kinase and Mammalian Target of Rapamycin Signaling Pathways are Associated with Shortened Survival in Patients with Malignant Peritoneal Mesothelioma" in the September 13, 2010, issue of Cancer.



Jeffrey A. Winkles, PhD

■ Jeffrey A. Winkles, PhD, professor, and Sharron Brown, research supervisor, both from Department of Surgery and Center for Vascular and Inflammatory Diseases, along with Arundhati Ghosh, PhD, postdoctoral fellow, Department of Surgery and Program in Oncology, co-authored "Full-length, Membrane-anchored TWEAK Can Function as a Juxtacrine Signaling Molecule and Activate the NF-kB Pathway" in the *Journal*

of Biological Chemistry, 2010, 285:17432-17441.

► Yin Wu, MD, third-year fellow,

Department of Medicine, co-published an article entitled "Rare Hemoglobinopathy Presenting as Progressive Dyspnea" in the *American Journal of Hematology*, 85:355-357, May 2010. Other co-authors included senior author **Maria R. Baer, MD**, professor, Department of Medicine and Program in Oncology, and **Gautam V. Ramani, MD**, assistant professor, Department of Medicine.



Gautam V. Ramani, MD

Honors

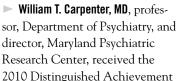
Congratulations to the following who have received honors!

► Angela H. Brodie, PhD, professor, Department of Pharmacology & Experimental Therapeutics, was honored during Breast Cancer Awareness Month in October with the 2010 Jill Rose Award from the Breast Cancer Research Foundation in recognition of her outstanding research accomplishments in the development of aromatase inhibitors. This \$25,000 award was presented to Dr.

> Brodie at the foundation's medical symposium, which was held in New York City. The symposium included a panel discussion, "The Many Faces of Hormones and Breast Cancer: Expert Views of Causation, Treatment and Prevention," in which Dr. Brodie participated, and remarks by former United States President Bill Clinton.

- ▶ Jessica Brown, PhD, assistant professor, Department of Epidemiology & Public Health, was awarded a Women's Health Travel Award to attend the 2010 North American Menopause Society (NAMS) meeting. She also was selected as a NAMS mentee to work under Robert Freedman, PhD, from Wayne State University.
- Robert W. Buchanan, MD, professor, Department of Psychiatry, received the Gerard E. Hogarty Excellence in Schizophrenia Research Memorial Award from the University of Pittsburgh School of Medicine's Western Psychiatric Institute and Clinic at the 27th Annual Pittsburgh Schizophrenia Conference. The award was presented in recognition of his research contributions

on the pharmacological treatment of people with schizophrenia.



Award from the Wake Forest University School of Medicine Medical Alumni Association Board.

Jessica Brown, PhD

Robert W. Buchanan, MD

Ligia Peralta, MD, associate professor, Department of Pediatrics, and Casa Ruben, a program serving the Latino community in the Baltimore area, were honored for their outstanding commu-



Ligia Peralta, MD

& AWARDS

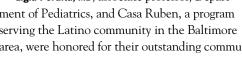
nity service by the Baltimore Ravens, M&T Bank and the Governor's Office on Service and Volunteerism at the January 2, 2011, Ravens game. Casa Ruben provides health screening, immunizations and health education to uninsured minority youth and young adults.

► Elijah Saunders, MD, FACC, FACP, FAHA, professor, Department of Medicine, was an honored as a Civil Rights Hero during a "Celebrating Heroes & Heroines of Civil and Human Rights" event that was sponsored by Delegate Emmett Burns, who represents District 10 in Baltimore County, on November 4, 2010. Additionally in November, Dr. Saunders was honored as one of those listed in the inaugural edition of Who's Who in Black Baltimore at an event held at the Reginald F. Lewis Museum in Baltimore City.



Deborah M. Stein, MD, MPH, associate professor, Department of Surgery, was selected as the Donor Champion of the Year for Tier 1 hospitals by the Living Legacy Foundation of Maryland. This award honors Dr. Stein's commitment to raising awareness for organ, eye and tissue donation within the R Adams Cowley Shock Trauma Center and the University of Maryland Medical Center.

► University Physicians, Inc. (UPI), which coordinates and supports the clinical activities of the University of Maryland School of Medicine, formed a UPI Spirit **Team** to create a work environment where its employees make a difference in the workplace and in the community. In 2008, The UPI Spirit Team partnered with The Morrell Park Elementary/Middle School. As Morrell Park's partner, UPI commits to enhance student educational experience and to provide assistance to teachers and administrators. To date, the UPI Spirit Team has raised \$6,720. Funds raised renovated the school store, stocking it with school supplies and incentives to reward students for academic achievements; sponsored a Teacher Appreciation Luncheon; donated more than 100 new winter coats each school year; donated a dozen conference room chairs and other office and classroom furniture; and assisted with the 2010 eighth grade continuation ceremony. The Spirit Team has also inspired others to get involved. The Supply Room, a UPI vendor, donated \$1,500 of school and office supplies to the school. UPI is excited about its partnership with Morrell Park and believes its efforts help the school move toward academic excellence for all students. The UPI Spirit Team was named a 2010 Outstanding Partner by Baltimore City Public Schools.



NEW FACULTY

We welcome our new faculty!

- ➤ Cesar Arias, MD, FAAP, joined the Department of Pediatrics as an assistant professor in September 2010. Dr. Arias received his MD from Universidad Central del Este, located in the Dominican Republic, and performed his pediatric residency at Jacobi Medical Center and Bronx Lebanon Hospital, both in New York. He is a fellow of the American Academy of Pediatrics.
- ▶ Carissa Baker-Smith, MD, MS, MPH, joined the Department of Pediatrics, division of pediatric cardiology as an assistant professor in September 2010. Specifically, Dr. Baker-Smith will work in the Division of Pediatric Cardiology. She received her MS and MD from the University of Pennsylvania School of Medicine, and her MPH from the Gillings School of Global Public Health at the University of North Carolina at Chapel Hill. Dr. Baker-Smith completed her pediatric internship, residency and fellowship at Duke University Medical Center, where she also served as a clinical research fellow.
- ▶ Christopher D'Adamo, PhD, joined the Department of Family & Community Medicine as an assistant professor in September 2010. Dr. D'Adamo also will work in the Center for Integrative Medicine. A graduate of the College of Holy Cross, he earned his PhD in epidemiology from the University of Maryland School of Medicine. He will conduct research into the roles of nutrition, exercise and genetics in preventing chronic disease.
- Ahmad Ellini, MD, joined the Department of Pediatrics as an assistant professor in August 2010. Dr. Ellini received his MD from Eastern Virginia Medical School, completed his pediatric residency at Children's Hospital of Pittsburgh and his pediatric cardiology fellowship at Children's National Medical Center. He is board certified by the American Board of Pediatrics and is certified in basic life support and pediatric advanced life support. Dr. Ellini's expertise is in non-invasive imaging including transthoracic, transesophageal and fetal echocardiography.
- ▶ Mark Travassos, MD, MSc, joined the Department of Pediatrics as an instructor in September 2010. Specifically, Dr. Travassos will work in the department's Division of Infectious Disease and Tropical Pediatrics. He received his MSc from Oxford University in the United Kingdom and his MD from Cornell University Medical College, located in New York City. He completed his residency in pediatrics at Rainbow Babies and Children's Hospital/

Case Western Reserve University in Cleveland, Ohio. Dr. Travassos completed his infectious disease fellowship at the University of Maryland, where he worked in the Departrics' Division of Infectious Disease and Tropical Pediatrics and

ment of Pediatrics' Division of Infectious Disease and Tropical Pediatrics and the Center for Vaccine Development. He is board certified by the American Board of Pediatrics.

Sharmila Balkis Zawahir, MBBS, joined the Department of Pediatrics as an assistant professor in October 2010. Specifically, Dr. Zawahir will work in the department's Division of Gastroenterology & Nutrition. Dr. Zawahir received her Bachelor of Medicine and her Bachelor of Surgery from Sri Ramachandra University in Chennai, India, in 2003, followed by an internship and residency in pediatrics at Columbia University's College of Physicians and Surgeons/ Harlem Hospital Center in New York City, where she was later appointed chief resident. She then completed a three-year fellowship in pediatric gastroenterology and hepatology at the University of Maryland School of Medicine, receiving the Award for Research by a Fellow. She is a member of the American Gastroenterological Society, American College of Gastroenterology and North American Society of Pediatric Gastroenterology, Hepatology and Nutrition. In addition to teaching and conducting research, Dr. Zawahir will serve as an attending physician.

IN THE NEWS

A job well done to all who have kept us in the media spotlight!

The University of Maryland Center for Celiac Research and its operations director Pam King, were featured in a WBAL-TV news report on December 23, 2010. The Nichols family of Crofton, Maryland, also was featured with their eight-year-old daughter, Kirstin, a patient of Alessio Fasano, MD, professor, Departments of Pediatrics, Medicine and Physiology, and director of the center.



Pam King

Events, Lectures

Kudos to our colleagues who are experts in their fields and give their all to represent the School of Medicine!



France Carrier, PhD

France Carrier, PhD, associate professor, Department of Radiation Oncology and Program in Oncology, co-chaired a session entitled "Chromatin Regulation and Cancer" and presented a talk entitled "Inherent Epigenetic Characteristics Predispose Cancer Cells to Histone Deacetylase Inhibitors (HDACIs) Sensitization to Anticancer Drug Treatments" at the BIT Life Sciences 3rd World Cancer Congress in Singapore in June 2010.

Alessio Fasano, MD, professor, Departments of Pediatrics, Medicine and Physiology, and director, Center for Celiac Research, and

Pam Cureton, RD, LDN, dietician at the Center for Celiac Research, presented topics on celiac disease at the 2010 Food & Nutrition Conference and Expo, hosted by the American Dietetic Association in Boston in October 2010. In November, Dr. Fasano presented "Celiac Disease 2010: New Advances for an Old Disease" at the 2010 Arnold Silverman, M.D. Visiting Professor Lectureship in Pediatric



Alessio Fasano, MD

Gastroenterology, Hepatology and Nutrition at the University of Colorado Denver Anschutz Medical Campus, which includes its Children's Hospital, in Denver and "Role of the Microbiome in Onset of Celiac Disease and Possible



Achsah Keegan, PhD

Therapeutic Implications" at Columbia University Medical Center in New York. Additionally, Dr. Fasano presented two papers, "How Many Pieces are Missing to Complete the Puzzle?" and "The History and Geography of Celiac Disease" at "Beyond Celiac Disease," an international meeting held in Naples, Italy, in December 2010 as part of the annual meeting of the Campanian chapter of the Italian Celiac Association.

► Achsah Keegan, PhD, Department of Microbiology & Immunology, Center for Vascular and Inflammatory Diseases and Program in Oncology, lectured during the American Association of Immunologists Introductory Course, held at the

& Workshops

University of Pennsylvania in Philadelphia in June 2010, on "Type 2 Immune Responses and Asthma."

The following **Department of Medicine and Program in Oncology** faculty gave presentations at the American Society of Clinical Oncology Annual Meeting in June 2010 in Chicago.

Ashraf Z. Badros, MD, professor, presented "Phase I Study of Carfilzomib in Patients with Relapsed/Refractory Multiple Myeloma and Renal Insufficiency."

Maria R. Baer, MD, professor, presented "Treatment of Older Patients with De Novo Acute Myeloid Leukemia with One or More Post-remission Chemotherapy Courses: Analysis of Four CALGB Studies."

Jason M. Bierenbaum, MD, second-year fellow, presented "Race and Overall Survival in Acute Myeloid Leukemia."

Ivana Gojo, MD, associate professor, delivered an invited education talk entitled "Novel Therapeutic Strategies in Acute Myeloid Leukemia: How Far Have We Come?"

- **Leonid Medved, PhD**, professor, Department of Biochemistry & Molecular Biology and Center for Vascular and Inflammatory Diseases, presented an invited lecture "Molecular Mechanisms of Fibrin-VE-cadherin Interaction and Anti-inflammatory Properties of Fibrin-derived Peptides" at the 54th Meeting of the Scientific and Standardization Committee of the International Society on Thrombosis and Haemostasis in Cairo, Egypt, in May 2010. In addition, Dr. Medved presented "Anti-inflammatory Effect of Fibrin-derived Fragments" at the XXI International Fibrinogen Workshop in Rotterdam, The Netherlands, and presented "Fibrinolysis Regulation: Interactrion of a2-antiplasmin with Fibrin(ogen) and Localization of the Binding Sites" at the XX International Congress of the International Society for Fibrinolysis and Proteolysis in Amsterdam, The Netherlands, in August 2010.
- E. Albert Reece, MD, PhD, MBA, vice president for Medical Affairs, University of Maryland, and John Z. and Akiko K. Bowers Distinguished Professor and Dean of the School of Medicine, was an invited lecturer in the Vanderbilt University Medical Center's Discovery Lecture Series. On February 24, 2011, Dr. Reece presented "Unraveling the Syndrome of Diabetic Embryopathy." During his presentation, Dr. Reece also spoke about the dominant biomolecular mechanism in the causation and induction of these birth defects, which

EVENTS, LECTURES & WORKSHOPS continued

reflects research on which he and his colleagues are currently working. The series features eminent scientists speaking about high-impact research and policy issues in science and medicine. Previous speakers include Nobel Prize winners Sydney Brenner, Aaron Ciechanover, Paul Nurser, Bengt Samuelsson and Kurt Wuthrich.

- ▶ Jason Sahl, PhD, postdoctoral fellow, Julia Redman, research specialist, Adam Phillippy, general assistant, and David Rasko, PhD, assistant professor, all from the Institute for Genome Sciences, presented a poster entitled "From Commensal to Lethal Infection: Genomic Analysis of *E. coli* and *Shigella*" at the Infectious Disease Genomics and Global Health Meeting in Hinxton, Cambridge, United Kingdom, in September 2010. Additionally in September, Dr. Rasko, who also is with the Department of Microbiology & Immunology, presented a lecture entitled "Genomic and Transcriptomic Characterization of Enterotoxigenic *E. coli*: Insights into an Established Pathogen," at the Novartis Vaccines conference in Siena, Italy.
- ▶ Jordan E. Warnick, PhD, assistant dean for Student Education and Research, and professor, Department of Pharmacology & Experimental Therapeutics, moderated a "Mini-Symposium on Aging" and presented "The Health Professional Student Training in Aging Research Program" at the 23rd Annual

Meeting of the Association for Academic Minority Physicians in Naples, Florida, in October 2010. Other symposium presenters included four medical students who were supported by Dr. Warnick's National Institute on Aging T35 training grant:

Livingstone Dore, MSII, who presented "Attentional Processing in the Central Nucleus of the Amygdala in Response to a Surprising Change in an Expected Reward," Andrew

Tkaczuk, MSII, who presented "The Effects of Physical Activity on Amino-Terminal B-Type Natriuretic Peptide Concentrations in an Elderly Cohort Free of Heart Failure,"

Sarah Ullah, MSII, who presented "Expression of shRNA from a Cardiac Specific Promote," and Reney Henderson, MSII, who

presented "Metabolic and Cardiac Dysfunc-



(L-R) Jorndan E. Warnick, PhD, Dean Emeritus Donald E. Wilson, MD, MACP, Livingstone Dore, MSII, Andrew Tkaczuk, MSII, Sarah Ullah, MSII, Reney Henderson, MSII, and Dean E. Albert Reece, MD, PhD, MBA, at the 23rd Annual Meeting of the Association for Academic Minority Physicians.

tion Are Unaffected by High Sugar Intake in a Hamster Model Of Adult Heart Failure." Additional School of Medicine attendees included **Dean E**. **Albert Reece, MD, PhD, MBA**, Dean Emeritus **Donald E. Wilson, MD**, and Vice Dean for Clinical Affairs **Frank M. Calia. MD. MACP**.

Buzz Contacts

Many thanks to the following people who serve as your liaisons for the information you see in *What's the Buzz*? Please send information (within the realm of the categories listed above) that you would like to see in the *Buzz* to the appropriate person within your department, program, center or office.

Anatomy & Neurobiology: Carolyn Craighead

Anesthesiology: Betsy Burcham
Biochemistry & Molecular Biology:
Bruce Reinecke

Dermatology: Betsy Satosky
Diagnostic Radiology & Nuclear
Medicine: Nan Knight

Emergency Medicine: Linda Kesselring

Epidemiology & Preventive Medicine: Yimei Wu

Family & Community Medicine: Karen Webster

Medical & Research Technology: Cynthia Stambach

Medicine: Molly Lutz

Microbiology & Immunology: Teri Robinson

Neurology: Paula Gilley
Neurosurgery: Terry Roberts
Obstetrics, Gynecology & Reproduc-

tive Sciences: Chris Whitley Ophthalmology: Nancy Cook Orthopaedics: Dori Kelly

Otorhinolaryngology: Bryan Ambro Pathology: Carmen Wooden Pediatrics: Christina Wills Pharmacology & Experimental
Therapeutics: Anne Nourse
Physical Therapy & Pahabilitati

Physical Therapy & Rehabilitation Science: Krista Nazelrod

Physiology: Ken Fahnestock

Psychiatry: Vee Porter-Brown

Radiation Oncology: Jill Rosenberg Surgery: Daniel Zhu

Program in Comparative Medicine: Deborah Sanchez

Program in Genetics & Genomic Medicine: Pam Shinnick

Program in Minority Health & Health Disparities: Claudia Baquet

Program in Neuroscience: Tom McHugh Program in Oncology: Stephen Long Program in Trauma: Cynthia Rivers

Center for Health Policy & Health Services Research: Shiraz Mishra Center for Integrative Medicine: Harry Bosk

Center for Mucosal Biology Research or MBRC: Pam King

Center for Research on Aging: Kara Longo

Center for Stem Cell Biology & Regenerative Medicine LaRondi Flowers

Center for Shock, Trauma and Anesthesiology Research or STAR-ORC: Jane Anderson

Center for Vaccine Development: Gloria Smedley

Center for Vascular & Inflammatory Diseases: Vanessa Foreman

Institute for Genome Sciences: Renée Nathaniel

Institute of Human Virology: Nora Grannell

Institute for Autoimmunity and Inflammation: Susie Flaherty

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Buzz Information Link for Students

A hyperlink is available on the School of Medicine Website for you to submit information to the Buzz to acknowledge honors, prizes, presentations, leadership positions and other noteworthy accomplishments. Go to: http://medschool.umaryland.edu/Public_Affairs/buzz.asp