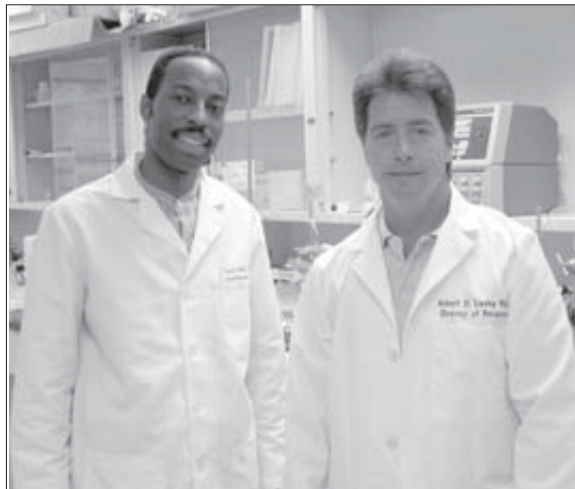


## Department of Surgery Researchers Again Reach Top Twenty Ranking in NIH Funding

For the second year in a row the Department of Surgery at the University of Kentucky has achieved top twenty status in National Institutes of Health (NIH) research funding. Among the 74 surgery departments at public medical schools, this department ranks sixteenth. **Robert M. Mentzer, Jr., M.D.**, Frank C. Spencer Professor and Chairman of the Department, congratulates the faculty for their hard work and accomplishments. "This strong NIH ranking reflects the commitment of our basic science and clinical faculty members to research, one of the Department's primary goals. It is all the more remarkable, considering that competition for extramural funding has increased considerably over the past three years and faculty have less time to devote to scientific investigation," he said.

According to **Robert Lasley, Ph.D.**, The Department of Surgery Director of Research, NIH funding has always been very competitive, but has become increasingly

*continued on p. 2*



*Easton Reid, Ph.D. and Robert Lasley, Ph.D.*

## Minimally Invasive Surgery Center Expands with Multidisciplinary Emphasis

The Center for Minimally Invasive Surgery (MIS) is reorganizing and will be moving to a new 2500 sq ft facility probably within the year. The new facility will have administrative offices, conference spaces, an auditorium, audio/video links for teleconferencing, research facilities, and an MIS education lab.

The new Director of the Minimally Invasive Surgery Center is **Raymond Gagliardi, M.D.**, Associate Professor of General Surgery, who joins the Department of Surgery faculty from Case Western Reserve University where he was Director of Bariatric Surgery for Bariatric Special Care Center and Northern Ohio Bariatric Center in Cleveland, Ohio. Dr. Gagliardi completed his training in laparoscopic surgery at The Ohio State University. Other faculty members who actively participate in the center are **Joseph Iocono, M.D.**, Assistant Professor, Division of Pediatric Surgery. Dr. Iocono serves as the center's Associate Director; **Chand Ramaiah,**

**M.D.**, Assistant Professor of Surgery, Division of Cardiothoracic Surgery, Director of Minimally Invasive Cardiac Surgery; **Stephen Strup, M.D.**, Associate Professor, Division of Urology, Director of Minimally Invasive Urologic Surgery; **Daniel Beals, M.D.**, Associate Professor, Division of Pediatric Surgery; **David J. Minion, M.D.**, Assistant Professor, Division of General Surgery; **Thad Jackson, M.D.**, Assistant Professor, Division of Neurosurgery; and **Richard Schwartz, M.D., M.B.A.**, Professor, Division of General Surgery.

The center offers expanded advanced MIS services to central Kentucky. Dr. Gagliardi says, "the MIS center is truly multidisciplinary, reaching across not only disciplines, but departments as well, and it is a central place for our patients to receive minimally invasive surgery." He added that the center will also focus on clinical outcomes research and

*continued on p. 3*

*"The Department of Surgery has three principal goals: outstanding resident and medical student education, excellent patient care, and high quality research activities."*

*Robert M. Mentzer Jr, M.D.  
Frank C. Spencer Professor  
and Chairman,  
Department of Surgery*

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*September 2004*

*Vol. 7, No. 1*

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College of Medicine  
Department of Surgery

difficult to obtain. He explains that the funding rate for NIH grants in 2003 was 25.3% for all new grants and 50.6% for competitive renewals, (compared to 26.7% and 52.3% in 2002 and 27.1% and 52.9% in 2001). The total number of grants submitted in these years was 28,355 (2003), 24,403 (2002), 22,854 (2001). Thus the funding rates have gone down in the last 2 years at the same time that the total number of applications has increased by 24%.

Fewer M.D.s are being awarded or even submitting grant proposals, Lasley also added. Clinicians are having more difficulty dedicating time to research. In response to this problem, the Department of Surgery initiated a program called Surgical Clinical Research Investigative Protocol Team (SCRIPT). The SCRIPT office is proving to be a great asset to our investigators. SCRIPT Director, **Linda Rice, R.N.** says that there are over 75 studies ongoing. Her office is working with General Surgery, Plastic Surgery, Neurosurgery,

Urology, Cardiothoracic Surgery, Minimally Invasive Surgery, and Orthopaedics. Principal investigators are responsible for oversight of every aspect of their research. The SCRIPT program, however, is designed to help the clinical investigators submit budgets, obtain IRB approval, communicate with sponsors, and manage research projects. The personnel of SCRIPT has over 80 years of combined experience in clinical trials. Investigators can take advantage of a team that is already in place and will oversee many aspects of the trials. Lucindia Shouse, M.S., of the UK Office of Research Integrity commented, "In a program that does cutting-edge human subjects research, SCRIPT staff members go the extra mile. They make excellent use of available educational and resource materials and are always efficient, well organized and caring. Their goal is to ensure compliance within today's ethical and regulatory environment for the protection of human subjects

involved in research." In addition to clinical experience, the staff of SCRIPT is able to develop good working relationships with individual investigators. **Andrew C. Bernard, M.D.**, Assistant Professor of General Surgery and principal investigator of the Polyheme trial says, "No matter how challenging the study, SCRIPT provides the essential infrastructural and mechanistic support that makes high quality clinical research possible for active academic surgeons." The primary goal of SCRIPT is to relieve already overburdened faculty members and allow them to pursue their interests in the arena of research in addition to teaching.

The Assistant Director of Research for the Department, is **Natasha Kyprianou, Ph.D.**, Professor, James F. Hardyman Chair of Urological Research, Division of Urology (see TRU Act, p.5). Dr. Kyprianou has been recently appointed a member of the Cancer Molecular Pathobiology Study Section,

## Department of Surgery NIH-funded investigators by Division

### Division of Cardiothoracic Surgery

#### Robert Lasley, Ph.D.

- Compartmentation of Adenosine A1 Receptor Signaling in Ventricular Myocardium, National Heart Lung and Blood Institute

#### Robert M. Mentzer, Jr., M.D.

- Adenosine and Pyruvate Protection During Heart Surgery, National Heart Lung and Blood Institute

#### Easton Reid, Ph.D.

- Cardiac Opioid Receptors and Protein Kinase C, National Heart Lung and Blood Institute, National Research Service Award for Individual Postdoctoral Fellows

### Division of Neurosurgery

#### Yong Woo Lee, Ph.D.

- Center of Biomedical Research Excellence in Women's Health (COBRE) - Pilot Project #3 Scope Account, National Center for Research Resources

#### Bin-Tao Pan, Ph.D.

- Mechanism of Ras in Tumor Progression, National Institute of Health/National Cancer Institute

#### Roy Patchell, M.D.

- Neuro-Oncology Clinical Research, National Institute of Neurological Disorders and Stroke

#### Michal Toborek, Ph.D.

- Tat-mediated brain endothelial cell dysfunction, National Institute of Neurological Disorders and Stroke
- Brain Endothelial Cell TNF and Tat-induced Cell Injury, National Institute of Mental Health
- Ethanol, Tat and dysfunction of brain endothelium, National Institute on Alcohol Abuse and Alcoholism
- PCBs, ICAM-1 Expression and Cancer Metastasis-Superfund NIEHS, National Institute of Environmental Health Sciences

#### Byron Young, M.D.

- Dosing and Safety Trials Using Cyclosporin in Severe Head Injury, National Institute of Neurological Disorders and Stroke

#### David Yurek, Ph.D.

- Gene Therapy, Neural Grafts and Parkinson's Disease, National Institute of Neurological Disorders and Stroke

### Division of Otolaryngology

#### Hong-Bo Zhao, M.D., Ph.D.

- Functional Analysis of Inner Ear Gap Junctions, National Institute on Deafness and Other Communication Disorders

### Division of Urology

#### Natasha Kyprianou, Ph.D.

- TGF-beta Signaling in Prostate Tumorigenesis, National Institute of Diabetes and Digestive and Kidney Diseases
- Anoikis Effect by Quinazolines on Prostate Growth, National Cancer Institute

Center for Scientific Review, a committee for which she has been an ad hoc reviewer for the past two years. Study sections review grant applications to the NIH and make recommendations on them to the appropriate NIH national advisory council or board. She says that in the NIH review process an applicant needs to get the reviewer's attention with a new idea and not cover previous work with new technology. "The investigator needs to have basic science, but also needs clinical application in his/her proposal," says Kyprianou. The trend in funding is moving toward translational research and multidisciplinary project grants (a cluster of grants from different investigators on a similar topic) often receive priority when in consideration. In response to a question about why clinicians are not seeking NIH funding, she also made a point about restricted time for clinicians to engage in research, "institutions need to cultivate nurturing environments for their clinician/

scientists." Dr. Kyprianou currently is principal investigator on two NIH-funded projects, one with the National Cancer Institute and the other with the National Institute of Diabetes and Digestive and Kidney Diseases (see funded grants, p. 2).

**Hong-Bo Zhao, M.D., Ph.D.**, Assistant Professor of Surgery, Division of Otolaryngology, is studying inner ear gap junctions. When asked about his experience getting his proposal funded Dr. Zhao said that he was aware that between 1998 and the present that the available grant funding has decreased. Most proposals are experiencing cuts in time or money. His project was fully funded for five years at 1.3 million dollars. His proposal "Functional analysis of inner ear gap junctions," is sponsored by the National Institution Deafness and Other Communication Disorders.

The high ranking in NIH funding and the excellent research being done in the



*Hong-Bo Zhao, M.D., Ph.D.*

Department of Surgery is a result of the dedication, knowledge and skill demonstrated by our faculty, residents and fellows. For a complete listing of current Department of Surgery NIH grants, see funded grants p. 2.

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*MIS Center, continued from p. 3*

conduct multidisciplinary educational programs for residents.

Dr. Iocono adds that the center will provide not only opportunities to advance patient care, but also advance surgical education into the 21<sup>st</sup> century. He explains, "The skill sets needed to perform advanced laparoscopy in General Surgery, Urologic Surgery and Pediatric Surgery are similar, and by teaching these skills to students and residents in the lab, this will lead to the provision for optimal efficient care for our patients. We will also produce the highest quality of surgeons for the next generation."

Robotic technology is expanding in the Department with the use of the daVinci Surgical System (see *Surgery Scope*, Spring 2004). This is a prime example of advances that can be made within a multidisciplinary MIS center. In addition to the cardiac and urologic procedures that have been done, Dr. Iocono and Dr. Beals have now performed four pediatric procedures robotically. Dr. Iocono says, "The expertise of Dr. Strup performing robotic urologic procedures and Dr. Ramaiah using robotic technology in cardiac procedures paved the way for us and allowed Dr. Beals and myself the opportunity to advance the application of robotic techniques to pediatric MIS. The

'robotic team' was already in place and we were allowed to concentrate on the nuances of managing children with surgical illnesses."

Dr. Strup sums up his vision for the center by saying, "The MIS center will be a centerpiece of the MIS program at the University of Kentucky. The center will truly expand educational opportunities for a wide range of health care professionals, ranging from medical students to community surgeons. This state-of-the-art center will allow UK surgeons to continue to develop new surgical techniques and develop educational tools which will keep UK on the cutting edge of the minimally invasive surgical movement."

The MIS program will be offering bariatric surgery to patients in the coming year. Operating rooms for MIS procedures have standardized state-of-the-art equipment for use by all disciplines providing advanced MIS care to patients.

Laparoscopic procedures and treatments currently being offered include:

General Surgery – inguinal hernia repair, ventral hernia repair, placement of peritoneal dialysis catheter, cholecystectomy, biliary enteric bypass, hepatic procedures, common bile duct exploration, gastrectomy, small bowel surgery, colon surgery, gastrostomy jejunostomy, fundoplication for gastro-

esophageal reflux disease, esophageal myotomy for achalasia, esophagectomy, repair of perforated duodenal ulcer, surgery for morbid obesity, appendectomy, gastroenterostomy, management of gastric secretion disorders, assisted ventriculoperitoneal shunt placement, adrenalectomy, splenectomy, and pancreatic surgery.

Urologic Surgery – radical nephrectomy, partial nephrectomy, cryoablation of small tumors, cyst ablation, pyeloplasty (Uteropelvic junction repair), Ureter- Ureteral repair, ureteral re-implant, radical cystectomy (lap assisted), partial cystectomy, and radical prostatectomy.

Pediatric Surgery – achalasia, adrenal tumors, chronic abdominal pain, Crohn's disease, adhesive small bowel obstruction, appendicitis, cholelithiasis, chronic constipation (ace procedure), diaphragmatic hernia, duodenal atresia, empyema, gastroesophageal reflux, gastrostomy tube placement, Hirschsprung's disease, benign kidney disease, lung tumor, malrotation, Meckel's diverticulum, mediastinal pathology, ovarian torsion and cysts, pectus excavatum, placement of VP shunt, pyloromyotomy, recurrent pneumothorax, splenic pathology, undescended testicle, ulcerative colitis, and inguinal hernia (recurrent).

## New Faculty



Raymond J. Gagliardi, M.D.

**Raymond J. Gagliardi, M.D.**, joins the Department as an Associate Professor in the Division of General Surgery. Dr. Gagliardi also serves as the Director of Minimally Invasive Surgical Services. He received his medical degree from the Ohio State University College of Medicine in Columbus, Ohio, where he also performed his residency and completed a fellowship in Surgical Critical Care.



Karin Swartz, M.D.

**Karin R. Swartz, M.D.**, joins the Division of Neurosurgery as an Assistant Professor. Dr. Swartz comes to the Department having received her medical degree from Loyola University, Stritch School of Medicine, located in Chicago and performed her residency at the University of Wisconsin at Madison. She also completed a fellowship in Spinal Surgery at the Institute for Spinal Disorders, Cedars-Sinai Medical Center, Los Angeles, Calif.

## ICA Annual World Congress Held in Lexington

The 46<sup>th</sup> Annual World Congress of the International College of Angiology (ICA) met in July at the Lexington Hyatt Regency. This meeting serves as a forum where basic scientists, scientist/clinicians can come together with physician assistants, nurse practitioners, nurses, technologists, fellows in training, residents, and internists to share current knowledge and techniques in angiology.

Assistant Professor in the Division of Cardiothoracic Surgery, **Sibu P. Saha, M.D., M.B.A.**, is currently vice president of the ICA, co-chairman of the Scientific Committee and chairman of the Membership Committee of the ICA. Dr. Saha is president of the Saha Foundation, which supports educational programs and offers scholarships to medical students, nursing students and cardiovascular nurses. He was also the chairman of the local organizing committee for the congress.

Department of Surgery faculty members took a leading role in the scientific sessions. On Tuesday, July 13, the morning session of the congress was entitled "Advances in Cardiovascular Surgery: Including Live Feed from UKMC Operating Room." The Department worked closely with the ICA to develop lectures, live cases and panel discussion, focusing on new surgical techniques, surgery, outcome and cost management in cardiac surgery.

**Robert M. Mentzer, Jr., M.D.**, Frank C. Spencer Professor and Chairman of the Department moderated the session and lead a panel discussion, "New Develop-

ments in Cardiac Surgery" with local and international faculty. Other Department of Surgery faculty who participated in the session included **Chand Ramaiah, M.D.**, Assistant Professor, Division of Cardiothoracic Surgery, Director, Minimally Invasive Cardiac Surgery, who presented "Emerging Techniques in Conduit Harvest for Coronary Artery Bypass Surgery" and "Off-Pump Coronary Artery Bypass or Robotic Case (*live from the OR*)." Dr. Saha spoke on "Cost Control in Coronary Artery Bypass Graft Surgery;" Cardiothoracic Surgery Division Chief, **Victor A. Ferraris, M.D., Ph.D.**, presented "Surgical Management of Atrial Fibrillation;" and **Philip Camp, M.D.**, Assistant Professor of Surgery, Division of Cardiothoracic Surgery, presented "New Concepts in Managing Pulmonary Hypertension—Is Viagra the Answer?"

Also presenting in scientific sessions were faculty members, **Suellen P. Ferraris, Ph.D.**, Assistant Professor, Division of Cardiothoracic Surgery, **Eric D. Endean, M.D.**, Chief, Division of General/Vascular Surgery, and **David J. Minion, M.D.**, Assistant Professor, Division of General/Vascular Surgery.

**M. Salik Jahania, M.D.**, Cardiothoracic Surgery Fellow, presented a poster entitled "The Use of Recombinant Factor VIIa for the Treatment of Refractory Bleeding in Heart Transplantation."

**Randy Stevens, M.D.**, General Surgery Chief Resident, won the 2004 ICA Young Investigator Award for his poster "Circumins Preserves Normal Portal Vascular Resistance and Decreases Cold Storage Related Injury in an Isolated Rat Liver Perfusion Model."



Randy Stevens, M.D.,  
graduating General Surgery  
Chief Resident



John D. Corson, M.B., Ch.B., ICA Board of Directors,  
talks with Sibu P. Saha, M.D.

## July Colloquium Focuses on Clinical Application of Research

July 21, 2004, Paul Spring, M.D., Assistant Professor, Division of Otolaryngology presented "Regulation of MDR1 Expression by Radiation Therapy in Head and Neck Cancer." Dr. Spring reported on his con-

tinuing work with low dose fractionated radiation (LDFRT) therapy. He concluded that the findings from his current clinical study strongly suggest that the use of low dose radiation in multiple fractions with a chemotherapeutic agent that harness its G<sub>2</sub>M block function like Paclitaxel, is a novel approach to exploit the observed hyper-radiation phenomenon in order to achieve significant chemo-potential, eliminate induced radiation resistance and improve overall survival in solid tumors.



Paul Spring, M.D. with Natasha Kyprianou, Ph.D.

For a listing of 2004 Department of Surgery Research Colloquia, see page 8.

## Members of Congress support the Training and Research in Urology (TRU) Act

There is legislation pending before Congress that would create a new Division at the National Institute of Diabetes Digestive and Kidney Diseases of the National Institutes of Health (NIDDK-NIH). The bill, the Training and Research in Urology Act (TRU), would direct the NIH to develop a national urologic research plan, establish Urology leadership within NIDDK, manage government agency activities in urology research and training, create dedicated research centers and focus on generating a

larger pool of talented physicians and researchers in urology.

Natasha Kyprianou, Ph.D. Professor of Urology, Pathology and Molecular Biochemistry at the University of Kentucky College of Medicine and President of the Society for Urologic Research, visited Washington, D.C. on July 15, 2004 with other members of the Coalition for Urologic Research and Education (CURE) and the American Urological Association (AUA) to seek support for the TRU Act. Kentucky Senator Jim

Bunning will be an original co-sponsor of the TRU bill, S2361, in the Senate and Congressman Ben Chandler (D-Kentucky) will sponsor the TRU Act in the House, HR1002. This is a positive step towards restructuring the Urology Program at NIDDK, in order to advance urology research and meet the demands of care and treatment of the growing number of patients who suffer with debilitating urologic conditions.

Diseases such as Benign Prostatic Hyperplasia (BPH) affect over 50% of men 60 and older; over 100,000 men in Kentucky



Sen. Jim Bunning and Natasha Kyprianou, Ph.D.

## Resident of the Month August



**Rob Ferguson, M.D.**, Plastic Surgery, is our resident of the month for August 2004. Dr. Ferguson was nominated by two UK employees, who noted that: "Dr. Ferguson is very approachable," "He has a wonderful bedside manner," and he "is always willing to patiently explain things when asked." And, "Rob always puts his patients' needs first. He listens to the concerns of physicians in other disciplines and is supportive." Dr. Ferguson is also known for his great sense of humor.

Dr. Ferguson will receive a certificate, a monetary award, credit at the UK Medical Bookstore; and a parking space for a month in the VA parking garage.

Congratulations, Dr. Ferguson!

are affected by BPH. According to the NIH, approximately 10% of the population over 65 is affected by urinary incontinence, suggesting that at least 50,000 Kentucky residents are affected by the condition. Further, the National Association for Continence, in a 2003 National survey of American women, found that over 400,000 women in Kentucky reported having urinary incontinence. The Urologic community in the State of Kentucky and nationwide is grateful to the Kentucky leadership in Washington for their vision and support of the TRU Act.

## Transplantation at UK Reaches 40 Year Mark

The Department of Surgery and the UK Medical Center celebrated 40 years of transplantation at UK this month. The Transplant Center held an open house on August 27th and 28th to honor the dedicated physicians, health care professionals and staff who provide care throughout the transplantation process.

“UK began its transplantation program in 1964 with a kidney transplant” said **Robert M. Mentzer, Jr., M.D.**, Director of the UK Transplant Center. Mentzer added “Now, 40 years later, with the recent approval from the Centers for Medicare & Medicaid Services (CMS) all solid organ transplants performed at UK are Medicare approved.” The recent CMS approval of the Lung Transplant Program reflects the hard work and persistence of Janie Morrison, Deputy Director of the Transplant Center and the transplant administrative team; **Timothy Mullett, M.D.**, Lung Transplant Surgical Director; Thomas H. Waid, M.D., Lung Transplant Medical Director; **M. Salik Jahania, M.D.**, Cardiothoracic Surgery Fellow and the Heart/Lung Transplant Coordinators, Julie Leigh, R.N., BeLinda Connor, R.N., and Todd Maynard, R.N. The entire UK Transplant Center faculty and staff also are to be congratulated.

## New Staff



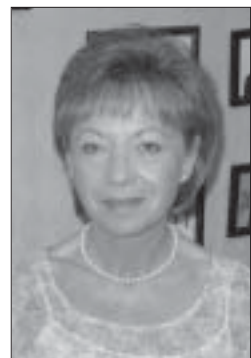
*Nurdan Shafaghi,  
C.C.R.P., Research  
Associate Clinician II,  
Neurosurgery*



*Wes Hensley, IT Support  
Specialist II, Department  
of Surgery*



*Ceserley Coffman,  
Medical Records Clerk,  
Otolaryngology*



*Pam Duncan,  
Administrative Support  
Associate I, General  
Surgery*



*Steve Fisher, M.A.H.,  
P.A.-C., Physician  
Assistant, Neurosurgery*

## Our Graduating Residents - Where are They Now?

### Cardiothoracic Surgery

**Sajjad Rizvi, M.D.** is in private practice in Minneapolis, Minn.

### General Surgery

**Andrew Barksdale, M.D.**, has entered a Cardiothoracic Surgery Residency Program in Minneapolis at the University of Minnesota.

**Heather Wright, M.D.**, has started a fellowship in Breast Diseases at the Cleveland Clinic Foundation in Cleveland, Ohio.

**Frank Sanfiel, M.D.**, is in a group practice at Cumberland Surgical Associates in Somerset, Ky.

**Ramon Romero, M.D.**, will be practicing at the Veterans Affairs Medical Center in Shreveport, La.

**Randy Stevens, M.D.**, has started a Cardiothoracic Surgery fellowship at the University of Miami in Miami, Fla.

**Phillip Chang, M.D.**, has started a one-year Surgical Critical Care Fellowship at the University of Kentucky.

### Critical Care

**Steve Barnes, M.D.**, is on active duty as a Critical Care Liaison for the Air Force while serving as a Trauma and Critical Care faculty member at the University of Cincinnati.

### Vascular Surgery

**Erin Moore, M.D.**, is the Department Head of Vascular Surgery at the Naval Medical Center, Portsmouth, Va.

**Christian Rodriguez, M.D.**, is a Clinical Instructor at the University of Kentucky as he finishes his endovascular surgery fellowship.

### Neurosurgery

**Shaad Bidiwala, M.D.**, joined a private practice Neurosurgery group in Dallas, Texas.

### Orthopaedic Surgery

**Michael Hall, M.D.**, is in private practice at Ogden Clinic in Ogden, Utah.

**Mathew Nicholls, M.D.**, is in private practice at Kentucky Orthopaedics and Hand Surgeons in Lexington, Ky.

**James Gardiner, M.D.**, has started a Sports Medicine Fellowship at the University of Kentucky.

### Otolaryngology

**Jonathan Doty, M.D.**, is in private practice in Danville, Ky.

**Chad Secor, M.D.**, is in private practice in Louisville, Ky.

### Plastic Surgery

**Chris Marek, M.D.**, is in private practice in Lexington, Ky.

**Clint Merrick, M.D.**, is completing a hand fellowship in Louisville, Ky.

### Urology

**Jason Crane, M.D.**, is in a group practice in Gadsden, Ala.

**Jenne Garrett, M.D.**, is staying on at the University of Kentucky as a faculty member in the Division of Urology.

### Sports Fellows

**Brad Smith, M.D.**, is doing general Orthopaedic surgery and acting as team doctor for two high schools and for NC Wesleyan College in Rocky Mount, N.C.

**Bill Satterfield, M.D.**, is in private practice in Winston-Salem, N.C.

## Awards and Honors



Michal Toborek, M.D., Ph.D.

**Michal Toborek, M.D., Ph.D.**, Associate Professor, Division of Neurosurgery received one of the University of Kentucky We t h i n g t o n Awards, which are given to faculty members in July.

They are awarded to individuals who have demonstrated excellence in research and have been successful in securing extramural funding. Dr. Toborek currently has four NIH funded proposals (see funded grants, p.2).

**Richard C. Haydon, M.D.**, Professor of Surgery, Division of Otolaryngology, earned the Honor Award given by the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS). The academy is one of the oldest medical associations in the United States and represents more than 10,000 physicians and allied health professionals. It presents these awards in recognition of exceptional service. Dr. Haydon's award is for his service as chairman of the AAO-HNS Allergy Immunology Committee. The award will be presented at the annual meeting of the AAO-HNS Foundation in September.

## Resident of the Month July



**Nathan Bates, M.D.**, General Surgery, has been selected as our resident of the month for July 2004. Dr. Bates was nominated by a fellow resident who noted that Dr. Bates "consistently holds himself and his team to the highest standards of care and professional conduct. Dr. Bates genuinely cares about his patients and he respects faculty, residents, students and other health care givers alike. Moreover, Dr. Bates is mindful of his educational role and never overlooks an opportunity to enhance students' and residents' knowledge."

Dr. Bates will receive a certificate, a monetary award, credit at the UK Medical Bookstore; and a parking space for a month in the VA parking garage.

Congratulations, Dr. Bates!

## Department of Surgery 2004-2005 Intern Picnic

The Department of Surgery hosted the Annual Intern Picnic on June 29 at Jacobson Park for all residents and faculty to welcome the new interns and residents. This is an opportunity for the new interns and residents to meet the faculty and current residents. Drawings were held: three for the residents for \$50.00 each for book money at the UK Medical Center Bookstore and two for the guests for \$25.00 gift certificates at Joseph Beth Booksellers. The resident winners were: Steve Barnes, M.D., Adam Kovac, M.D. and Paul Rider, M.D. The winners of the gift certificates were Ainsley Barnes and Jassir Witta, M.D.



Adam Kovac, M.D.



Steve Barnes, M.D. and Ainsley Barnes



Steve Barnes, M.D., Paul Rider, M.D. and Jassir Witta, M.D.

## External Project Grants Awarded

**Andrew Bernard, M.D.**, has been awarded a Northfield Laboratories, Inc. grant in the amount of \$334,000 for his project, "A Phase III Randomized, Controlled, Open-Label, Multicenter, Parallel Group Study Using Provisions for Exception from Informed Consent Requirements Designed to Evaluate the Safety and Efficacy of Poly SFH-P Injection Polymerized."

**Cherry Ballard-Croft, Ph.D.**, has been awarded an American Heart Association grant in the amount of \$121,000 for her project, "The Role of Mitogen-Activated Protein Kinases in Ischemia/Reperfusion."

**Victor Ferraris, M.D.**, has been awarded an American Heart Association grant in the amount of \$3,000 for his project, "Aspirin-Related Gene Expression."

**Thomas Johnston, M.D.**, has been awarded a Novartis Pharma AG grant in the amount of \$82,802 for his project, "DIRECT Study: Diabetes Incidence after Renal Transplantation Neoral C-2 Monitoring versus Tacrolimus."

**Yong Woo Lee, Ph.D.**, has been awarded a National Institutes of Health/National Center for Research Resources grant in the amount of \$36,200 for his project, "Center of Biomedical Research Excellence in Women's Health (COBRE) - Pilot Project #3 Scope Account."

**Robert M. Mentzer, Jr., M.D.**, has been awarded a Scios Nova, Inc. grant in the amount of \$82,520 for his project, "Study A014: A Pilot, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate Nesiritide Infusion, Initiated Post-Induction of Anesthesia, in the Management of CABG Patients Requiring CPB."

**Phillip Tibbs, M.D.**, has been awarded an Ortho Biotech, Inc. grant in the amount of \$103,345 for his project, "An Open-Label, Randomized, Parallel Group Study to Confirm the Safety and Efficacy of Procrit Administered Perioperatively versus the SOC in Blood Conservation in Subjects Undergoing Major Elective Spinal Surgery."

**Phillip Tibbs, M.D.**, has been awarded a Medtronic, Inc. grant in the amount of \$225,425 for his project, "A Prospective Randomized Controlled Study of an Artificial Cervical Disc versus Anterior Cervical Fusion at a Single Level of Symptomatic Cervical Disc Disease."

**Henry Vasconez, M.D.**, has been awarded a Synthes, Inc. grant in the amount of \$53,613 for his project, "A Multicenter Clinical Trial of the Effects of Topical Application of Cerium Nitrate/Silver Sulfadiazine Cream Versus Silver Sulfadiazine Cream Alone in the Treatment of Burn Patients."

**Hong-Bo Zhao, M.D., Ph.D.**, has been awarded an American Tinnitus Association grant in the amount of \$100,000 for his project, "Effect of Salicylate on Outer Hair Cell Piezoelectricity for Tinnitus."

**Hong-Bo Zhao, M.D., Ph.D.**, has been awarded a National Institutes of Health/National Institute on Deafness and Other Communication Disorders grant in the amount of \$1,313,875 for his project, "Functional Analysis of Inner Ear Gap Junctions."

## 2004 Department of Surgery Research Colloquia Schedule

The Research Colloquia are held in MN136, the College of Medicine Dean's Conference Room. Each colloquium is scheduled from 8:30 to 9:30 a.m.

### JANUARY 21

**Timothy Mullett, M.D.**  
Associate Professor  
Division of Cardiothoracic Surgery  
*Evolution of Clinical Trial Networks*

### MARCH 17

**Lixin Zhang, Ph.D.**  
Postdoctoral Fellow, Neurosurgery  
*Neuroprotective Effects of the Neuregulins on Dopamine Neurons*  
and  
**Robert Lasley, Ph.D.**  
Professor of Surgery  
Department of Surgery  
Director, Surgical Research  
*Signal Transduction in Cardiac Cells*

### MAY 20

**Michal Toborek, M.D., Ph.D.**  
Associate Professor  
Neurosurgery Research  
*Disruption of the Blood Brain Barrier in HIV Infection*

### JULY 21

**Paul Spring, M.D.**  
Associate Professor  
Division of Otolaryngology  
*The Role of NF-kB and P-Glycoprotein in Low Dose Irradiation of Head and Neck Cancer*

### SEPTEMBER 16

**Mansoor Ahmed, Ph.D.**  
Associate Professor  
Department of Radiation Medicine  
Graduate Center for Toxicology  
*Role of TGF-beta Signaling in the Regulation of Radiation-induced Apoptosis of Solid Tumors*

### NOVEMBER 17

**Bin-Tao Pan, Ph.D.**  
Associate Professor  
Division of Neurosurgery  
*Mechanisms of Oncogenic Ras in Tumor Progression*

## Faculty Presentations

### Cardiothoracic Surgery

#### Cherry Ballard-Croft, Ph.D., Robert Lasley, Ph.D. and Robert M. Mentzer, Jr., M.D.

- Croft C, Kristo G, Yoshimura Y, Reid E, Keith B, Mentzer RM Jr., Lasley R. P38 MARK Mediates Acute Adenosine Preconditioning in the Adult Rat Myocardium. Experimental Biology Meeting, Washington D.C., April, 2004.

#### Victor A. Ferraris, M.D., Ph.D. and Suellen P. Ferraris, Ph.D.

- Surgical Management of Atrial Fibrillation. 46th Annual World Congress International College of Angiology, Lexington, Ky., July, 2004.
- The Incremental Cost of Blood Transfusion After Cardiac Surgery. 46th Annual World Congress International College of Angiology, Lexington, Ky., July, 2004.
- Ferraris VA, Ferraris SP, Taqui S, Stewart J, Bryda E, Genetic Determinants of Postoperative Atrial Fibrillation. 46th Annual World Congress International College of Angiology, Lexington, Ky., July, 2004.

#### Robert M. Mentzer, Jr., M.D.

- Clinical Trials With NHE Inhibitors: Where Are We Now and Where Are We Going?. Na<sup>+</sup>/H<sup>+</sup> Exchange in Cardiovascular Pathophysiology and Therapeutics Symposium, XVIII World Congress International Society for Heart Research, Brisbane, Australia, August, 2004.

#### Sibu P. Saha, M.D., M.B.A.

- Surgical Management of Bronchial Carcinoid Tumor.. 20th Annual Chest Symposium. Jenny Wiley State Park, Prestonsburg, Ky., May, 2004.
- Advances In Peripheral Vascular Surgery. A Medical and Surgical Approach to Cardiac Disease. Lexington, Ky., January, 2004.
- Cost Control In Coronary Artery Bypass Graft Surgery. 46th Annual World Congress International College of Angiology, Lexington, Ky., July, 2004.

### General Surgery

#### Alfred Cohen, M.D.

- Presidential Address: Partnerships and Teams — Keys to Academic Success. Society of Surgical Oncology Annual Cancer Symposium, New York, N.Y., March, 2004.
- Optimal Surgery for Colorectal Cancer. Visiting Professorship at Carolinas Medical Center, Charlotte, N.C., April, 2004.
- Evidence-Based Medicine: My Way or the Wrong Way. Lexington Medical Society Monthly Meeting, Lexington, Ky., May, 2004.
- Optimal Surgery for Rectal Cancer. Atlanta Surgical Society Monthly Meeting, Atlanta, Ga., January, 2004.

### Neurosurgery

#### Yong Wo Lee, Ph.D. and Michael Toborek, M.D., Ph.D.

- Microarray analysis of gene expression changes in interleukin-4-stimulated human vascular endothelial cells.. The 33rd Annual Meeting of the American Aging Association, St. Petersburg, Fla., June, 2004.
- Eum SY, Lee YW, Hennig B, Toborek M. Specific Non-Coplanar PCBs Disrupts Barrier Function and Increase Transendothelial Migration of Breast Cancer Cells.. Experimental Biology Meeting, Washington, D.C., April, 2004.
- MJ, Lee YW, Son KW, Eum SY, Hennig B, Toborek M. HIV Tat protein affects PPARgamma Activation In Human Endothelial Cells.. Experimental Biology Meeting, Washington, D.C., April, 2004.
- Andras IE, Tian J, Lee YW, Hennig B, Toborek M. HIV-Tat Protein Affects the Drug Efflux Transporters of the Blood-Brain Barrier.. Experimental Biology Meeting, Washington, D.C., April, 2004.
- Lee YW, Eum SY, Hennig B, Toborek M. Potential Role of Cytochrome P450 3A4 (CYP3A4) in the PCB104-Mediated Barrier Dysfunction of Human Microvascular Endothelial Cells. Experimental Biology Meeting, Washington, D.C., April, 2004.
- Lee YW, Hennig B, Toborek M. Genstein-Mediated Protection Against Interleukin-4-Induced Inflammatory Pathways in Human Vascular Endothelial Cells.. Experimental Biology Meeting, Washington, D.C., April, 2004.
- Lee YW, Hennig B, Toborek M. Protective Role of 17B-Estradiol in the HIV-1 Tat Protein-Induced Inflammatory Pathways in Human Endothelial Cells.. Experimental Biology Meeting, Washington, D.C., April, 2004.

#### Roy A. Patchell, M.D.

- New Developments in the Treatment of Brain Metastases. CME course: Evolving Strategies in Lung Cancer Diagnosis and Treatment, Lexington, Ky., April, 2004.
- Diagnosis and Management of Brain Metastases. American Academy of Neurology, Neurologic Complications of Systemic Cancer Course, San Francisco, Calif., April, 2004.
- Consult on the Cancer Patient with Spinal Cord Compression. American Academy of Neurology, Neuro-Oncology Update Course, San Francisco, Calif., April, 2004.
- New Developments in the Treatment of Spinal Cord Compression Caused by Cancer. 3rd Annual Neuro-Oncology Update, Methodist Healthcare System and the University of Tennessee-Memphis, Memphis, Tenn., May, 2004.
- Metastatic Epidural Spinal Cord Compression: A New Standard of Care. Visiting Professor, Department of Neurosurgery, Thomas Jefferson College of Medicine, Philadelphia, Pa., June, 2004.
- New Developments in the Treatment of Spinal Cord Compression Caused By Cancer. Visiting Professor: Department of Oncology, University of Calgary, Calgary, Alberta, Canada, April, 2004.

#### Yong Wo Lee, Ph.D., Michael Toborek, M.D., Ph.D., and Natasha Kyprianou, Ph.D.

- Lee YW, Kyprianou N, Nath A, Toborek M. Human Immunodeficiency Virus-1 Tat Protein Upregulates IL-6 and IL-8 Expression in Human Breast Cancer Cells.. American Association for Cancer Research 95th Annual Meeting, Orlando, Fla., March, 2004.

#### A. Byron Young, M.D.

- Slevin JT, Gerhardt GA, Smith CD, Gash DM, Kryscio R, Young AB. Unilateral IntraPutamenal GDNF Improves Bilateral Motor Functions in Patients with Parkinson's Disease. AANS Annual Meeting, Orlando, Fla., April, 2004.
- Lee C, Young AB, Ellis PA, Sanders M, Given CA. Role of 3D MR Imaging in Current Treatment of Parkinson's Disease. Exhibit #10. American Society of Neuroradiology Annual Meeting, Seattle, Wash., June, 2004.

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## Faculty Presentations (continued)

- Lee C, Young AB, Michael S, Ellis PA, Given CA. Pitfalls in Gamma Knife Treatment of Tic Doloureux on Stereotactic 3D MR Imaging: Morphological Changes Affecting Targeting. American Society of Neuroradiology Annual Meeting, Seattle, Wash., June, 2004.

### Orthopaedic Surgery

#### Michael Boland, M.D.

- Anatomy of the Distal Radioulnar Joint. 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, Hungary, June, 2004.

#### Constantine Charoglu, M.D.

- Ullery R, Charoglu C. Acute Elbow Pain in a High School Athlete. Southeast Athletic Trainers Association Annual Meeting, Atlanta, Ga., March, 2004.

#### Henry Iwinski, M.D.

- Iwinski H, Mier R, Minter C, Ho L, Stroupe N. Community Functioning Among Adult Spina Bifida Patients. American Orthopaedic Association 117th Annual Meeting, Boston, Mass., June, 2004.

#### Steven J. Lawrence, M.D.

- Treatment of Persistent Pain Following an Ankle Sprain. 6th Annual University of Kentucky Sports Medicine Symposium, Lexington, Ky., May, 2004.
- Evaluation and Management of Bunions. Bluegrass Orthopaedic Society Meeting, Lexington, Ky., May, 2004.
- Persistent Pain Following Ankle Sprain. 6th Annual University of Kentucky Sports Medicine Symposium, Lexington, Ky., May, 2004.

#### William Rosenblum, M.D. and Lee L.Q. Pu, M.D.

- Thornton BP, Rosenblum W, Pu LLQ. Reconstruction of Limited Soft Tissue Defects with Open Tibial Fracture in the Distal Third of the Leg: A Cost and Outcome Study. Southeastern Society of Plastic and Reconstructive Surgeons, Hot Springs, Va., June, 2004.

#### William O. Shaffer, M.D.

- Advanced Techniques in Spinal Decompression and Fixation. PAWS Course, St. Louis, Mo., April, 2004.
- Evaluation of the Low Back in Athletes. May 14, 2004. 6th Annual University of Kentucky Sports Medicine Symposium, Lexington, Ky., May, 2004.

#### Vishwas Talwalkar, M.D.

- Talwalkar V, Grothaus M, Carney B, Levine J. In-Situ Fixation of Mild Unilateral Stable Slipped Capital Femoral Epiphysis: Fracture vs. Radiolucent Table. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Tex., May, 2004.
- Walker J, Coburn T, Cottle W, Burke C, Talwalkar V. Usefulness of Recreational Terminal Devices for Childhood Amputees. Association of Children's Prosthetic and Orthotic Clinics Annual Meeting, Banff, Alberta, Canada, March, 2004.
- Walker J, Coburn T, Cottle W, Burke C, Talwalkar V. Usefulness of Recreational Terminal Devices for Childhood Amputees. University of Kentucky Thomas D. Brower Visiting Professor Lecturship, Lexington, Ky., June, 2004.

#### Vishwas Talwalkar, M.D. and David Pienkowski, Ph.D.

- Roche C, Mattingly B, Vyas A, Talwalkar V, Tylkowski C, Stevens D, Hardy P, Pienkowski D. Subject-Matched Correlation of Tarsal Articular Surface Morphology and Joint Motion in the Normal Adolescent Foot and Surgically Treated Unilateral Clubfoot. University of Kentucky Thomas D. Brower Visiting Professor Lecturship, Lexington, Ky., June, 2004.

#### Timothy C. Wilson, M.D.

- Common Elbow Injuries in Sports. 6th Annual University of Kentucky Sports Medicine Symposium, Lexington, Ky., May, 2004.
- Osteochondral Lesions in Adolescents. 6th Annual University of Kentucky Sports Medicine Symposium, Lexington, Ky., May, 2004.
- Satterfield W, Wilson T. PCL and Femoral Rollback. Arthroscopy Association of North America, Orlando, Fla., May, 2004.

### Plastic Surgery

#### Lee L.Q. Pu, M.D.

- Optimal Long-Term Preservation of Adipose Aspirates After Conventional Liposuction. Research and Innovative Technology Luncheon of The Annual Meeting of the American Society for Aesthetic Plastic Surgery, Vancouver, B.C., Canada, April, 2004.
- Pu LLQ, Cui X, Fink BF, Cibull ML, Gao D. The Viability of Fatty Tissues within Adipose Aspirates after Conventional Liposuction: A Comprehensive Study. Southeastern Society of Plastic and Reconstructive Surgery, Hot Springs, Va., and 49th Annual Meeting of The Plastic Surgery Research Council, Ann Arbor, Mich., June, 2004.

#### Daniel Stewart, M.D.

- Skin Cancer. AHEC Summer Conference, Mt. Vernon, Ky., June, 2004.

### Transplantation

#### Dinesh Ranjan, M.D., Thomas D. Johnston, M.D., Hoonbae Jeon, M.D., and Mohamed Ibrahim, M.D.

- Changguo C, Johnston TD, Jeon H, Ibrahim M, Ranjan D. Curcumin Inhibits Mixed Lymphocyte Reaction (MLR) Stimulated Cell Proliferation Via Inhibition of IL-2 Pathway. ATC-ASTS 2004 Meeting, Boston, Mass., June, 2004.
- Ranjan D, Changguo C, Johnston TD, Jeon H, Ibrahim M, Drake J, Butterfield DA. 4-Hydroxynonenal Mediates Cyclosporine Promoted EBV Induced B-Cell Transformation Submitted but not Selected. ATC-ASTS 2004 Meeting, Boston, Mass., June, 2004.

#### Dinesh Ranjan, M.D. and Thomas D. Johnston, M.D.

- Ranjan D, Johnston TD, Wu G, Hong CB. Curcumin Enhances Liver Preservation in an Isolated Perfusion Model. IASL-ALEH 2004 Annual Meeting, Bahia Brazil, March, 2004.

### Urology

#### Randall G. Roland, M.D.

- Urinary Diversion and Reconstruction: From Whence We Have Come, Where We Are, and Where We Are Going. Society of Gynecologic Oncologists 35th Annual Meeting Hugh R.K. Barber Endowed Lecture, San Diego, Calif., March, 2004.

## Faculty Publications

### Cardiothoracic

- Kristo G, Yoshimura Y, Niu J, Keith BJ, **Mentzer RM Jr**, Bunger R, **Lasley RD**. The intermediary metabolite pyruvate attenuates stunning and reduces infarct size in vivo porcine myocardium. *Am J Physiol Heart Circ Physiol* 2004;286(2):H517-24.
- Stevens RM, Jahania S, **Mentzer RM Jr**, **Lasley RD**. Sodium-hydrogen exchange inhibition attenuates in vivo porcine myocardial stunning. *Ann Thorac Surg* 2004;77(2):651-7.

### General Surgery

- Griffen WO Jr**. Jacob: the other Flexner. *Ann Surg* 2004;239(6):808-17.
- Kirkpatrick AW, Sirois M, Ball CG, Laupland KB, Goldstein L, Hameed M, Brown DR, Simons RK, Kortbeek J, Dulchavsky S, **Boulanger B**. The hand held ultrasound examination for penetrating abdominal trauma. *Am J Surg* 2004;187(5):660-5.
- Barksdale AR, **Bernard AC**, Maley ME, Gellin GL, **Kearney PA**, **Boulanger B**, **Tsuei BJ**, Ochoa JB. Regulation of arginase expression by T-helper II cytokines and isoproterenol. *Surgery* 2004;135(5):527-35.
- Schwarcz TH**, Matthews MR, Hartford, JM, **Quick RC**, Kwolek CJ, Minion DJ, **Endean ED**, **Mentzer RM Jr**. Surveillance venous duplex is not clinically useful after total joint arthroplasty when effective deep venous thrombosis prophylaxis is used. *Ann Vasc Surg* 2004;18(2):193-8.

### Neurosurgery

- Lee YW**, Eum SY, Nath A, **Toborek M**. Estrogen-mediated protection against HIV Tat protein-induced inflammatory pathways in human vascular endothelial cells. *Cardiovasc Res* 2004;63(1):139-48.
- Saraswathi V, Wu G, **Toborek M**, Hennig B. Linoleic acid-induced endothelial activation: role of calcium and peroxynitrite signaling. *J Lipid Res* 2004;45(5):794-804.
- Regine WF, Schmitt FA, Scott CB, Dearth C, **Patchell RA**, Nichols RC Jr, Gore EM, Franklin RL 3rd, Suh JH, Mehta MP. Feasibility of neurocognitive outcome evaluations in patients with brain metastases in a multi-institutional cooperative group setting: results of radiation therapy oncology group trial BR-0018. *Int J Radiat Oncol Biol Phys* 2004;58(5):1346-52.
- Yurek DM**, Fletcher-Turner A. Comparison of embryonic stem cell-derived dopamine neuron grafts and fetal ventral mesencephalic tissue grafts: morphology and function. *Cell Transplant* 2004;13(3):295-306.
- Bidwala S, **Pittman T**. Neural network classification of pediatric posterior fossa tumors using clinical and imaging data. *Pediatr Neurosurg* 2004;40(1):8-15.

### Orthopaedic Surgery

- Lawrence SF**, Grau GF. Management of acute achilles tendon ruptures. *Orthopaedics* 2004;(6):579-81.
- Wilson TC**, Satterfield WH, **Johnson DL**. Medial collateral ligament tibial injuries. Indications for acute repair. *Orthopaedics* 2004;27(4):389-93.
- Wilson TC**, **Rosenblum WJ**, **Johnson DL**. Fracture of the femoral tunnel after an ACL reconstruction. *Arthroscopy* 2004;20(5):e45-7.

### Otolaryngology

- Arnold SM, Regine WF, Ahmed MM, **Valentino J**, **Spring P**, Kudrimoti M, **Kenady D**, Desimone P, Mohiuddin M. Low-dose fractionated radiation as a chemopotentiator of neoadjuvant paclitaxel and carboplatin for locally advanced squamous cell carcinoma of the head and neck: results of a new treatment paradigm. *Cell Cycle* 2004;3(4):479-85.
- Arnold SM, Regine WF, Ahmed MM, **Valentino J**, **Spring P**, Kudrimoti M, **Kenady D**, Desimone P, Mohiuddin M. Low-dose fractionated radiation as a chemopotentiator of neoadjuvant paclitaxel and carboplatin for locally advanced squamous cell carcinoma of the head and neck: results of a new treatment paradigm. *Int J Radiat Oncol Biol Phys* 2004;58(5):1411-7.

### Plastic Surgery

- Rinker BD**, **Vasconez HC**, **Mentzer RM Jr**. Replantation: past, present, and future. *J Ky Med Assoc*. 2004;102(6):247-53.
- Hausman MR, **Rinker BD**. Intractable wounds and infections: the role of impaired vascularity and advanced surgical methods for treatment. *Am J Surg* 2004;187(5A):44S-55S.
- Rinker BD**, Effron CR, Beasley RW. Proximal radial compression neuropathy. *Ann Plast Surg* 2004;52(2):174-80.
- Marek CA, **Pu LLQ**. Refinements of free tissue transfer for optimal outcome in lower extremity reconstruction. *Ann Plast Surg* 2004;52(3):270-5.

### Transplantation

- Briceno PJ, Ortiz JA, Manzardeitia C, **Jeon H**, Munoz SJ, Rothstein KD, Araya V, Gala I, Reich DJ. Liver transplantation using an organ donor with HELLP Syndrome. *Transplantation* 2004;77(1):137-9.

### Urology

- Sambur MR, **Strup SE**, Merton DA, Goldberg BB. Sonographic detection of metastatic renal cell carcinoma of the bladder. *J Ultrasound Med* 2004;23(3):439-42.
- Brown JA, Garlitz C, Gomella LG, McGinnis DE, Diamond SM, **Strup SE**. Perioperative morbidity of laparoscopic radical prostatectomy compared with open radical retropubic prostatectomy. *Urol Oncol* 2004;22(2):102-6.
- Chenven ES, McGinnis D, **Strup SE**. The 3-port Laparoscopic pyeloplasty. *J Urol* 2004;171(3):1050-3.
- Garrison JB, **Kyprianou N**. Novel targeting of apoptosis pathways for prostate cancer therapy. *Curr Cancer Drug Targets* 2004;4(1):85-95.
- Tahmatzopoulos A, **Rowland RG**, **Kyprianou N**. The role of alpha-blockers in the management of prostate cancer. *Expert Opin Pharmacother* 2004;5(6):1279-85.
- Tahmatzopoulos A, **Kyprianou N**. Apoptotic impact of alpha1-blockers on prostate cancer growth: a myth or an inviting reality? *Prostate* 2004;59(1):91-100.
- Winter RN, Rhee J, **Kyprianou N**. Caspase-1 enhances the apoptotic response of prostate cancer cells to ionizing radiation. *Anticancer Res* 2004;24(3a):1377-86.
- Zeng L, **Rowland RG**, Lele SM, **Kyprianou N**. Apoptosis incidence and protein expression of p53, TGF-beta receptor II, p27Kip1, and Smad4 in benign, premalignant, and malignant human prostate. *Hum Pathol* 2004;35(3):290-7.
- Hill B, **Kyprianou N**. Effect of Permixon on prostate cancer cell growth: Lack of apoptotic action. *Prostate* 2004;61(1):73-80.
- Zeng L, **Rowland RG**, Lele SM, **Kyprianou N**. Apoptosis incidence and expression of p53, TGR-B RII receptor, p27Kip1 and Smad4 in benign, premalignant and malignant human prostate. *Hum Pathol* 2004;35(3):290-7.



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## September Grand Rounds

MN 363; 6:45-7:45 a.m., unless otherwise indicated

<b>September 8</b>	<b>Eric D. Endean, M.D., FACS</b> Gordon L. Hyde Professor of Surgery Chief, Division of General Surgery Department of Surgery, UK College of Medicine	Pain in the Leg
<b>September 15</b>	<b>Bruce Lucas, M.D.</b> Professor, Division of Urology Department of Surgery, UK College of Medicine President, KODA <b>Dinesh Ranjan, M.D., FACS</b> Professor and Chief, Section of Transplantation Department of Surgery, UK College of Medicine Assistant Medical Director, KODA <b>Paul E. O'Flynn, FACHE</b> Executive Director, KODA	Organ Donation Issues: Facts and Myths
<b>September 22</b>	<b>Fu-Chan Wei, M.D., FACS</b> Professor of Plastic Surgery Chang Gung University Dean, Medical College Chang Gung Memorial Hospital Taipei, Taiwan	Advances in Microvascular Reconstruction
<b>September 29</b>	<b>Daniel E. Kenady, M.D., FACS</b> Professor of Surgery, Section of Surgical Oncology, Division of General Surgery Department of Surgery, UK College of Medicine	Cancer Control 2004