Recent Presentations

Baek SJ. Molecular targets of NSAIDs in colonic tumorigenesis. Poster presentation at: The Royal Golden Jubilee PhD Program, Mahidol University presented at: International Thailand.


Leblanc A. Identification of a novel approach of forensic science in fingerprinting techniques.

Lanne C, Hough J, Bladen D, Needham D, William X. Presentations at: Annual meeting of the Southeast Veterinary Pathology Conference; May 2011; Minneapolis, MN.


Lankton J, Miller DL. Hot nests and sea turtles. Presented at: Southeastern Veterinary Pathology Conference; May 2011; Tifton, GA.


Legendre A. Preliminary findings of polyphenyl iminosulfonate treatment of dry eye. Oral presentation at: Wills Feline Forum 33rd Annual Symposium on Feline Health; June 23, 2011; Reston, VA.


Eggert SB. Complications and emergencies; strategic algorithms; local and regional anesthesia techniques and tricks for veterinary practitioners.

Newman SJ. Epimyositis cysticystis in a dog. Poster presented at: Southwest Vet Pathol Conf; May 2011, Tifton, GA.

Rathore K, Wang H-CR. Green tea catechins apigenin and epigallocatechin gallate induce cell proliferation by induced environmental carcinogens 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and benzo[a]pyrene. Poster presented at: 2nd Annual Am Assoc Cancer Res meeting; April 2011; Washington, DC.

Rothermel BB, Travis ER, Hill RL, Miller DL. Stream salmonaman occupancy and pathogen prevalence in a protected watershed in the Southern Blue Ridge Mountains, USA. Poster presented at: Joint Meeting of Ichthyologists and Herpetologists; July 2011, Minneapolis, MN.


Shen RF, Wu W, Hoa CT, Patel S, Martin B, Baek S. Combined technical platforms facilitate the identification and quantification of biomarkers responding to an anti-diabetic compound. Poster presented at: 59th ASMS Conference on Mass Spectrometry and Allied Topics; June 2011; Denver, CO.

Tobias K. Surgery of the digestive tract; urarethral surgery; portosystemic shunts; wound closure techniques; and tricks for intestinal surgery; surgery of the large intestines; salivary mucosae. Oral presentations at: Pacific Veterinary Conference; July 2011; Anaheim, CA.

Van Amstel S. Nutritional and environmental causes of laminitis in cattle. Guest speaker at: 3rd International Symposium of Veterinary Surgery and 9th Iranian Symposium of Veterinary Surgery, Anesthesia & Radiology; April 2011; Kish Island, Persian Gulf, Iran.


Wang H-CR. Effect of local anesthetic on microorganisms in a mucosal wound site infection. Presentation at: Am Coll Vet Int Med; June 2011; Denver, CO.

Ward DA. Combined technical platforms facilitate the identification and quantification of biomarkers responding to an anti-diabetic compound. Poster presented at: 59th ASMS Conference on Mass Spectrometry and Allied Topics; June 2011; Denver, CO.

Ward DA. Combined technical platforms facilitate the identification and quantification of biomarkers responding to an anti-diabetic compound. Poster presented at: 59th ASMS Conference on Mass Spectrometry and Allied Topics; June 2011; Denver, CO.

Wendle J. Reappraising R0S-mediated selective apoptosis of oncogenic Ras-expressing cancer cell lines. Invited presentation at: Triangle State Veterinary Medicine & Science Center; May 2010; Murfreesboro, TN.

Whitmore JC, Newkirk KM, Reel DM, Reel E. A histological study comparing ROS- mediated selective apoptosis of oncogenic Ras-expressing cancer cell lines. Invited presentation at: Triangle State Veterinary Medicine & Science Center; May 2010; Murfreesboro, TN.


Yoon S, Xue C, Weygandt M. Sex hormone analysis in dogs and cats. Invited presentations at: The annual meeting of the American College of Veterinary Dermatology (ACVD) Spring meeting, Gold Coast; July 2011; Gold Coast, Australia.

Research at the University of Tennessee College of Veterinary Medicine
Blackford Taking Continues Educator of the Year Award

At this year’s Western Veterinary Conference (WVC) in Las Vegas, Dr. Jim Blackford, Director of the Department of Large Animal Clinical Sciences, was selected by conference attendees as the Equine Continuing Educator of the Year. Ac- cording to Dr. Blackford, “the talent and commitment that ensure the continuing education experience at the Western Veterinary Conference remains one of the finest in the world.”

Blackford presented on equine wound management. His award was featured in the 2012 conference program.

Recent Publications


Miller Co-organizer for First International Symposium on Ranaviruses

The First International Symposium on Ranaviruses recently wrapped up in Minneapolis, MN. Dr. Debra Miller, associate professor in the departments of Biomedical and Diagnostic Sciences, and Forestry, Wildlife, and Fisheries, helped organize the symposium, along with Drs. Matthew Gray, Jesse Brunner, Jason Hoverman, and Andrew Storfer.

Held as part of the Joint Meeting of Ichthyologists and Herpetologists, the symposium brought together 24 speakers from eight countries to learn and share information about the impact of this pathogen on ectothermic vertebrates, with hopes to develop new research collaborations and identify strategies aimed at reducing or preventing the emergence of ranaviruses.

CEM Program Grad & UTCVM Post-Doc Wins Prestigious National Egyptian Award

Dr. Mohamed Abd-Eldaim, formerly a post-doctoral research associate in the Virology Laboratory, has won the Egyptian State Incentive Award for young scientists for 2011. His current research is a continuation of what he began here at UTCVM.

Abd-Eldaim was one of only 32 such incentive awardees within Egypt, and one of only eight in his category of Agricultural Sciences. The honor comes with an approximately $8,500 cash award. Winners are selected by the executive boards of the Egyptian Academy of Science and the Supreme Council for Culture. Abd-Eldaim is a member of the Faculty of Veterinary Medicine at Suez Canal University in Ismailia, Egypt.

While at UTCVM, he was involved in several different projects. Abd-Eldaim published not only his PhD work (graduated fall 2000) on feline calicivirus with Dr. Leon Potgieter, but also with Dr. Melissa Kennedy on feline coronavirus, with Dr. Matt Allender on reptile and amphibian infectious disease, and with Dr. Linden Craig on Potomac horse fever.

Abd-Eldaim is seen below presenting at the 2009 Comparative & Experimental Medicine and Public Health Research Symposium.

Publications, cont. from p. 2


UTCVM-UTGSM Research Collaboration Focus of Lab Invest Cover

Drs. Jeremiah Lyons and Michael McEntee, of the Department of Biomedical and Diagnostic Sciences, along with Dr. Jonathan Wall of the UT Graduate School of Medicine, had their research highlighted on the cover of the Nature journal Laboratory Investigation. The cover shows a high-resolution computed tomography (CT) scan of a plaque at the branch point of the abdominal aortic wall (denser yellow) from a dog with mucopolysaccharidosis-I. The progressive disease shares some similarities with atherosclerosis.

Full reference information for the article may be found in the Publications section of this newsletter.

F1000Posters

Open-access Poster Repository Now Available

A fairly new open-access repository called F1000 Posters allows uploading and searching of posters from the leading biology and medicine conferences.

Developed by Faculty of 1000, the founders of open access, the repository includes posters from over 180 national and international meetings, with some of the top-performing posters receiving up to 1,200 views per month.

This free tool will often allow access to the latest developments presented at conferences several months or even years before they are published as articles.

Copyright for all submitted posters remain with the author(s). In addition, all posters are watermarked so users may not grab a screen image without providing the source.

Howell’s Poster Selected for Podium Presentation

A poster on using competency assessment to increase student self-awareness in problem-based learning exercises presented by Dr. Nancy Howell was chosen for a podium presentation at the International Association of Medical Science Educators Annual meeting held in St. Petersburg, FL, in June. Howell’s poster was one of only four given that honor. The other author on the poster was Dr. India Lane. Full details may be found in the Presentations section of this newsletter.

Patton’s Collaborative Feral Pig Work Featured on ScienceDaily

Her collaborative work on feral pigs in Eastern North Carolina earned Dr. Sharon Patton, Department of Biomedical and Diagnostic Sciences, a feature on ScienceDaily’s headline news. The April 30 article discusses Patton’s involvement in examining the pigs to determine exposure to Toxoplasma gondii and Trichinella, both of which are considered zoonotic. She, along with researchers at North Carolina State University, published her research in the Journal of Wildlife Diseases. They found that the wild hogs were reservoirs for the two parasites. Full reference information for the article may be found in the Publications section of this newsletter.

ScienceDaily is an online, popular science news Web site with more than 3 million monthly visitors; the site generates nearly 15 million page views a month.
**Recent Publications**


**Accolades for Hurst's 2nd Exp Biol Travel Award**

Sarah Hurst, PhD student at the Comparative and Experimental Medicine program, attended the Experimental Biology 2011 meeting in Washington, DC, this past April. Sarah was awarded the graduate student travel award (GSTA) to attend the program, where she presented her research at a special poster session hosted by the American Society for Biochemistry and Molecular Biology (ASMB) and at the EB2011 poster session.

This marks the second time Hurst was awarded a travel travel award to attend the experimental biology meeting. In April 2009, she attended in New Orleans, LA. In addition, Hurst has attended the International Mammalian Genome Society. Her mentor is Dr. Madhu Dhar, pictured at right in blue with Hurst. Full reference information may be found in the Presentations section of this newsletter.

**Blackford Takes Continuing Educator of the Year Award**

In this year's Western Veterinary Conference (WVC), Dr. Jim Blackford received the Continuing Educator of the Year Award presented by the Western Veterinary Conference. This award recognizes individuals who are dedicated to the veterinary profession and to their own professional development.

**Civility in Scientific Discourse**

This spring, Chancellor Jim Cheek launched a campus-wide promotion of civility, defining its guiding principles as “inclusivity, diversity, dialogue, collegiality, respect, knowledge, integrity, learning, awareness, and openness.”

Chancellor Cheek encourages everyone on campus to treat others as they would want to be treated. Yet, in an academic environment where debate and critique of ideas is critical, civility must often be combined with necessary, and sometimes heated, discourse.

Two recent editorials take on that delicate balance of constructive criticism and civility in the world of research, in particular regarding peer review and reputation.

David G. Drubin, editor-in-chief of *Molecular Biology of the Cell*, makes these recommendations for civil and useful manuscript peer review: “Review a manuscript only if you can do so objectively—and in a manner. Record your merits and efforts but be clear in identifying faults. "Be critical, but be constructive.” Don’t try to predict a manuscript’s future impact. “Remember that it is not your paper—it is the writing is clear, don’t change something just because that is not how you would say it.”

**UCVM Investigators Bring in Nearly $2 Million for Sponsored Projects**

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<td>Discovery: Research at the University of Tennessee College of Veterinary Medicine (2011)</td>
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<td>Novel mechanism mediating LPA-induced smooth muscle cell and vascular responses</td>
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<td>Novoceastrum proliferation mediating LPA-induced smooth muscle cell and vascular responses</td>
<td>C Kirk</td>
<td>Carolina Veterinary Specialists</td>
<td>7/1/11</td>
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<td>Prevention of colorectal cancer by tolfenamic acid: Mechanistic studies</td>
<td>S H Lee</td>
<td>American Cancer Society</td>
<td>7/1/11</td>
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<td>720,000</td>
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<td>MR1 Evaluation of the liver in normal dogs using the specific contrast agent T1rho</td>
<td>A Marks</td>
<td>American College of Radiology</td>
<td>4/9/11</td>
<td>1/4</td>
<td>6,774</td>
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<td>The GABA b receptor is a novel drug target for pancreatic cancer</td>
<td>H Schaller</td>
<td>NIH</td>
<td>6/1/11</td>
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<td>Vulnerability assessment</td>
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<td>Fresh Express</td>
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**EndNote X5 Available Soon**

The latest version of EndNote, EndNote X5, will soon be available through the UT Libraries and the Office of Information Technology (OIT). The upgrade was announced June 16 by Chancellor Cheek at this year’s Convocation, the parent company of EndNote is a reference management software that eases some of the tediousness of writing papers. It is not your paper—if the writing is clear, don’t change something just because that is not how you would say it.”

**습관의 변화**

Millsaps DJ, Williamson BG, JW . subchondral bone density in the and age-dependent distribution of imaging of cell cultures and Baek SJ, Accolades for Hurst's 2nd Exp Biol Travel Award

secretion of steroid hormones by adrenal colorimetric assay and evaluation of effects Hecht S, Adams WH, e22307.

Haislip NA, Gray MJ, Hoverman JT , in dogs: 5 cases.

Hecht S, Baron ML.

in addition, Hurst has won a travel award from the British Small Animal Veterinary Association; Spermatogenetic but Mendis-Handagama SMLC, 43–45.


This marks the second time Hurst was awarded a travel travel award to attend the experimental biology meeting. In April 2009, she attended in New Orleans, LA. In addition, Hurst has attended the International Mammalian Genome Society. Her mentor is Dr. Madhu Dhar, pictured at right in blue with Hurst. Full reference information may be found in the Presentations section of this newsletter.

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Recent Presentations

Baek SJ, Molecular targets of NSALDs in cutaneous and systemic lupus erythematosus. Poster presented at: The Royal Golden Jubilee PhD Program, Mahidol University presented at: International Conference on CXC3 expressing canine bladder cancers using novel optical tracer, fluorocoxib. Poster presented at: Federation of Biomedical Science Educators Annual Meeting June 2011; St. Petersburg, FL.


Legendre A. Preliminary findings of pomegranate immunomodulant treatment of dry eye. Oral presentation at: Wynn Feline Foundation 33rd Annual Symposium on Feline Health; June 23, 2011; Reston, VA.


Miller DL. Comparative pathology of ranavirus disease among amphibians, reptiles and fish. Invited presentation at: First International Symposium on Ranaviruses/Joint Meeting of the Critical Pathway for the Diagnosis of NOD-mediated runway disease; Minneapolis, MN.

Neuman JS, Emphysematous cystitis in a dog. Poster presentation at: Southeast Vet Pathol Conf; May 2011; Tallahassee, FL.


Research at the University of Tennessee College of Veterinary Medicine