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Dr. Thomas Rosol Elected to 6-Year Term on National Research Council

Dr. Thomas Rosol, Professor of Veterinary Biosciences and Special Assistant to the Vice President for Research, has been elected by the national House of Delegates of the American Veterinary Medical Association to the Council on Research. Rosol was elected from among nominees of different state associations and organizations. The AVMA Council on Research is composed of ten voting members that serve 6-year terms.

The Council promotes scientific investigation in all areas of veterinary medicine by maintaining liaison relationships with biomedical research organizations; recommending strategic alliances within and outside of veterinary medicine to support research that advances animal and human health; communicating with the veterinary profession, the biomedical research community, public agencies, and the general public to promote the role, significance, and relevance of veterinary biomedical research in improving animal and human health; establishing veterinary research priorities; providing recommendations on research policies and priorities; reviewing research grant proposals; selecting research award winners; and promoting the dissemination of research information. Rosol also serves on the NIH National Center for Research Resources Council and the federal USDA Advisory Board.
Dr. James DeWille Awarded a Pelotonia Grant to Study Cancer

Dr. James DeWille, Professor from the Department of Veterinary Biosciences, was recently awarded a Pelotonia Idea Grant from 2009 Pelotonia funds. The project was entitled: "Genomic Analysis of Primary Tumor Lesions as an Approach to Early Chemoprevention." The goal of this Pelotonia Idea Grant project was to determine the molecular mechanism in which the presence of a Phosphatase and tensin homologue (Pten) mutant allele promotes tissue-specific tumorigenesis. Cancer is characterized by the progressive accumulation of pathogenic genetic alterations. The project will utilize the well-defined mutant Pten model to dissect cancer promoting genetic and epigenetic alterations in pre-cancerous lesions. The results will provide new insights into the fundamental basis in which Pten tumor suppressor gene heterozygosity promotes tumorigenesis. This study is a collaboration between Drs. James DeWille and Gustavo Leone (Department of Molecular Genetics), both are members of the OSUCCC Molecular Biology/Cancer Genetics Program.

Dr. Duncan Russell as the New Clinical Assistant Professor

Dr. Duncan Russell has accepted a position as Clinical Assistant Professor, an auxiliary faculty position. Russell received his veterinary degree from the University of Glasgow, Scotland in 2005 and is a BVMS (Hons) and Diplomate of the American College of Veterinary Pathologists. His duties will include didactic and laboratory instruction of veterinary medical students, pathology residents, and graduate students. The Department has now achieved its target of three teaching and service intensive faculty (Stromberg, Premanandan, and Russell) that support necropsy and surgical biopsy services that in turn are the basis for our professional and graduate student education in anatomic pathology. Dr. Stromberg has now assumed the role of service director for both necropsy and surgical biopsy services. Taking on this responsibility frees other faculty to pursue professional development and scholarly activities.
Announcements:

Learn How to Succeed Financially: You and Your Credit Report
Tuesday, September 14 from 12-1 pm held at 1590 N. High St., suite 430, room 425.
Class description and registration available at http://hr.osu.edu/finseries

9th Annual Rally for Wellness Fair
Wednesday, Sept. 15, 2010 at Ohio State's Recreation and Physical Activity Center (RPAC).

Hit the Road with the Buckeyes 2010
Hit the Road with the Buckeyes is a physical activity challenge designed around the 2010 OSU football season. Teams of up to five benefits-eligible* faculty and staff will “walk” the distance the Buckeyes will travel to the Big Ten away football games. Not a walker? No problem ... you can convert various physical activities – such as cycling, gardening, weight lifting, shopping, etc. – into steps.

Register your team at http://hr.osu.edu/HittheRoad/ from September 1-17.

Kickoff Event: “Take a Lap” on September 29th at 11:30am at the Oval.

Span of the Challenge: September 29-November 27

Wellness News: September is National Cholesterol Education Month

It’s a good time to get your blood cholesterol checked and take steps to lower it if it is high. National Cholesterol Education Month is also a good time to learn about lipid profiles and about food and lifestyle choices that help you reach personal cholesterol goals.

High blood cholesterol affects over 65 million Americans. It is a serious condition that increases your risk for heart disease. The higher your cholesterol level, the greater the risk. You can have high cholesterol and not know it. Lowering cholesterol levels that are too high lessens your risk for developing heart disease and reduces

2010 Biomedical Shared Resources Workshop, September 20-23 and 27-28, 115 Biomedical Research Tower.

Mark your calendar for a workshop series that will include shared resources and core facilities presentations on techniques, services and capabilities available to support all Ohio State University and Nationwide Children’s Hospital biomedical researchers. From writing grant applications and developing research proposals to analyzing, processing and interpreting data, the experts from our shared resources will be there. The workshop is co-sponsored by the Center for Clinical and Translational Science, the Ohio State University Comprehensive Cancer Center-James Cancer Hospital and Solove Research Institute, the College of Medicine and the Office of Research at Ohio State. Please follow the link for additional information.

http://cancer.osu.edu/research/researcheducation/meetingsconferences/BSR%20Workshop/Pages/index.aspx
the chance of having a heart attack or dying of heart disease. For more information on cholesterol awareness, go to http://www.cdc.gov/features/cholesterolawareness/

Selected Presentations, Publications, Books, Reviews, Graduations, and Awards

Presentations:

The 29th Midwest Association of Veterinary Pathologists (MAVP) Meeting in Mattawan, Michigan was on August 12th -13th hosted by MPI research. Case presentations were as follows:

Aeffner, Famke: Feline gastrointestinal eosinophilic sclerosing fibroplasia

Berman-Booty, Lisa: Occular FIP (presentation given by 2nd year vet student Maureen O’Brien)

Haines, Robyn: Vascular anomaly

Simmons, Jessica: Canine Distemper Virus

Wolk, Kendra: Amanitin Toxicosis

Publications:


Rassnick KM, Bailey DB, Russell DS, Flory AB, Kiselow MA, Intile JL, Malone EK, Balkman CE, Barnard SM. (2010). A phase II study to evaluate the toxicity and efficacy of alternating CCNU and high-dose vinblastine and prednisone (CVP) for treatment of dogs with high-grade, metastatic, or nonresectable mast cell tumours. Veterinary and Comparative Oncology 8(2):138-152


**Book:**

Drs. Judy Radin and Leslie Sharkey (VBS alumni) have a newly published book:

*Manual of Veterinary Clinical Chemistry: A Case Study Approach*  
*Leslie Sharkey and Judith Radin*  
*published by Teton New Media*


**Review:**


**Graduations:**

**Veterinary Biosciences – Summer Quarter 2010 Graduates**

**Doctorates:**

Tzung-Huei Lai - EOQ - Advisor: Yasuko Rikihisa

**Masters:**

Yaowalak Panyasing - Advisor: Robert Hamlin  
Rebeccah Urbiztondo - Advisor: Michael Lairmore

**Pedro Vargas-Pinto** - Advisor: Robert Hamlin

**Awards:**

Amit Sharma of the Boris-Lawrie lab has been awarded a predoctoral Pelotonia fellowship.

**Summer Research Students Take Home Awards at Merial-NIH Veterinary Scholars Symposium**

The 10th Annual Merial NIH National Veterinary Scholars Symposium took place August 5-8, 2010 at the University of Georgia. Dr. Lairmore, Dr. Oglesbee and Janelle Henderson accompanied 11 Ohio State students from the college’s Summer Research Program and one CVM graduate student to the symposium.

Pilar Rivera won best poster in the Infectious Disease Category with her presentation entitled “Aerosolized Nucleotide Synthesis Inhibitors for Treatment of Influenza”. Pilar is working with Dr. Ian Davis and she is a Merial Veterinary Student Scholar. In addition to veterinary student scholars, there was a category for graduate veterinarians pursuing advanced research training.

Dr. Kathryn Gibson, a graduate student in Dr. Rikihisa’s laboratory was a finalist in the Young Investigator Award. She presented her research, “An Analysis of *Neorickettsia sennetsu* Major Surface-exposed Proteins: The 51-kDa Antigen is a Porin.”
Staff Feature: Junbae Jee

Junbae Jee is a Post-doctoral researcher working in Dr. Boyaka’s lab since September 2009. He graduated from the Ohio State University (Wooster, OH) in 2009 with a Ph.D. in the Food Animal Health Research Program and an M.S. in 2004 from Auburn University (Auburn, AL) in the Department of Pathobiology. Before coming to VBS, he focused on epidemiological studies focused upon the high prevalence of natural Chlamydophila species infection in calves, and vitamin A effects on antibody responses to bovine coronavirus and rotavirus vaccines in feedlot calves. Currently, he is working on the effect of EdTx on immune responses. When he is not working the lab, he enjoys playing guitar. We are all happy to have Junbae in the VBS family!

For comments or suggestions for our newsletter, please contact Ms. Elizabeth Hope, Program Assistant at hope.18@osu.edu Department of Veterinary Biosciences.