

Distinguished University Professor



A tremendous congratulations to Dr. Yasuko Rikihisa, who was named a Distinguished University Professor this year! She is being honored based upon her scholarship. Interim President Joseph Alutto presented this award to Dr. Rikihisa in front of her peers at a faculty meeting on May 16, 2014. Pictured to the left is President Joseph Alutto, Dr. Yasuko Rikihisa and Dr. Patrick Green.

The Office of Academic Affairs awards the permanent, honorific title of Distinguished University Professor on a competitive basis to full professors who have truly exceptional records in teaching,

in research, scholarly or creative work, and in service. Successful candidates will have accomplishments that are both distinguished and distinctive. One to three appointments may be awarded annually to faculty members who have been at Ohio State for at least five years; Ohio Eminent Scholars are not eligible for this award. Recipients are awarded a \$30,000 one-time grant to support their academic work and are expected to maintain a regular program of teaching, research, scholarly or creative work, and service. In addition, recipients automatically become members of the President's and Provost's Advisory Committee.

Dr. Li Wu received a two-year NIH grant to study T-cell lymphoma

Dr. Wu received a two-year grant of \$368,445 from the National Cancer Institute of the NIH to explore the mechanisms of cutaneous T cell lymphoma (CTCL). New findings from Dr. Wu's lab suggest that a host enzyme called SAMHD1 may function as a tumor suppressor in CTCL. In this project, Dr. Wu and his research team will test the hypothesis that silencing of SAMHD1 expression in malignant T-cells contributes to uncontrolled T-cell growth in CTCL. This project will provide critical knowledge into a novel mechanism regulating malignant CD4⁺ T-cell growth, which will facilitate the development of more effective drugs against CTCL and other T-cell lymphomas. This study can also be important in other types of cancer and have a broader impact in cancer biology.

In addition, Dr. Li Wu has been invited to serve as a regular member of the NIH AIDS Molecular and Cellular Biology (AMCB) Study Section for the term beginning July 1, 2014 and ending June 30, 2020. NIH study section members are selected on the basis of their demonstrated competence and achievement in their scientific discipline as evidenced by the quality of research accomplishments, publications in scientific journals, and other significant scientific activities, achievements and honors. Service on a study section also requires mature judgment and objectivity as well as the ability to work effectively in a group, qualities that the NIH believes Dr. Wu will bring to this important task. Dr. Richard Nakamura, Director of the Center for Scientific Review of the NIH, sent a letter to Dean Lonnie King to emphasize the importance of Dr. Wu's participation in assuring the quality of the NIH peer review process and to express the NIH's appreciation of our institution's support of its activities.

Resident News

- Four trainees attended the STP Symposium this year in Washington DC on June 22-26. Lauren Himmel (advisor: Ching-Shih Chen, PhD), Jessica Simmons (advisor: Thomas Rosol, DVM, PhD) & Kristin (Lewis) Wilson (advisor: Pamela Lucchesi, PhD) were selected to receive the Student Travel award. In the Young Investigator Award Category, Jessica Simmons won 1st Place and Kristin (Lewis) Wilson received 3rd Place. Young Investigator Awards are presented for the top three student poster abstracts. Jessica was also selected to be a student oral presenter in Session 5: Epigenetic Endpoints in Toxicologic Pathology and Relevance to Human Health. She presented her abstract entitled, “Wnt Signaling in Prostate Cancer Bone Metastasis.” Pictured to the right is Jessica Lewis, Lauren Himmel, Kristin Wilson and Elizabeth Clark



- Congratulations to Jessica Simmons, she has been selected as a fellow for the 2014 Aspen Cancer Conference. This Conference is July 13-15.
- Jessica Simmons has also been awarded a Department of Defense (DoD) Post Doctoral Fellowship for “Wnt Signaling in Prostate Cancer Bone Metastases”
- Congratulations to Nina Zitzer, she was awarded “The Ohio State University Veterinary Medical Service Award”. Nina was nominated by her peers and received the both small and large animal award.

Please welcome our new 2014-2015 Combined Pathology Residency/PhD Trainees!

Nicole Kohart, DVM
Clinical Pathology Track
Virginia-Maryland Regional
College of Veterinary Medicine



Joshua Lorbach, DVM
Anatomic Pathology Track
The Ohio State University
College of Veterinary Medicine



Margaret Shoemaker, DVM
Anatomic Pathology Track
The Ohio State University
College of Veterinary Medicine



Life Sciences Network Hosts First Workshop

Aimed at Students/Postdocs

High impact communication skills are necessary to all research-related careers. That's why earlier this summer, the Life Sciences Network hosted the first writing workshop of its kind at Ohio State: an interdisciplinary communication workshop created to help graduate students and postdoctoral scientists write more effectively. More than 110 graduate students and postdocs were on hand for the event, representing College of Veterinary Medicine and 32 other units and research specialties at Ohio State and Nationwide Children's Hospital. Over the course of two days, they heard from leading life scientists and science communicators on strategies for building a stronger manuscript, what it takes to get published, and the keys to writing successfully for internal and external audiences.

Awards, Presentations & Recent Publications

Melissa Hicks (DeWille Lab) paper has been accepted:

Hicks, M., Hu, Q., Macrae, E., & DeWille, J. (2014). JUNB promotes the survival of Flavopiridol treated human breast cancer cells. *Biochem Biophys Res Commun*. doi: 10.1016/j.bbrc.2014.05.057

The following manuscript has been accepted for publication:

Hassan F, Xu X, Nuovo G, Killilea DW, Tyrrell J, Tan CD, Tarran R, Diaz P, Jee J, Knoell D, Boyaka PN, Cormet-Boyaka E. Accumulation of metals in GOLD4 COPD lungs is associated with decreased CFTR levels. *Respiratory Research*. 2014 Jun 23;15(1):69. [Epub ahead of print]

Invited seminar presentation

On June 5, 2014, Dr. Li Wu was invited to present a seminar entitled "*New Insights into the Mechanisms of HIV Restriction in Myeloid Cells*", in the Department of Microbiology and Immunology at the University of Michigan Medical School, Ann Arbor.

Invited guest editor

Dr. Li Wu was invited to serve as an Associate Editor of *PLOS Pathogens* in May 2014. *PLOS Pathogens* is an open-access, peer-reviewed journal publishing outstanding original articles that significantly advance the understanding of pathogens and how they interact with their host organisms.

A joint publication

Sharma A, Slaughter A, Nivedita J, Feng L, Kessl JK, Fadel HJ, Malani N, Male F, Wu L, Poeschla E, Bushman FD, Fuchs JR, Kvaratskhelia M. A new class of multimerization selective inhibitors of HIV-1 integrase. *PLoS Pathogens*. 2014. 10(5): e1004171. PMID: 24874515

Dr. Rajeswaran Mani successfully defended his PhD dissertation

Titled "Preclinical development of a non-immunosuppressive FTY720 derivative OSU-2S for chronic lymphocytic leukemia and other B-cell malignancies" on June 25th 2014. Dr. Mani is in Comparative and Veterinary Medicine program advised by Dr. Natarajan Muthusamy.

Publication:

R Mani, Y Mao, F W Frizzera, C-L Chiang, J Wang, Y Zhao, Y Wu, B Yu, R Yan, X Mo, L Yu, J Flynn, J Jones, L Andritsos, S Baskar, C Rader, M A Phelps, C-S Chen, R J Lee, J C Byrd, L J Lee, N Muthusamy, Tumor antigen ROR1 targeted drug delivery mediated selective leukemic but not normal B cell cytotoxicity in chronic lymphocytic leukemia, *Leukemia*. accepted article preview 20 June 2014; doi: 10.1038/leu.2014.199.