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Dr. Li Wu Awarded a Two-Year NIH R21 Grant

Dr. Li Wu recently received a two-year NIH R21 grant for a total amount of $419,375 to support his study of Novel Host Proteins in the HIV-1 Preintegration Complexes. There are over 33 million people living with HIV worldwide and approximately 56,300 new HIV infections each year in the US. Although antiretroviral therapy can control HIV-1 infection, new anti-HIV drug targets are needed to increase efficacy and to prevent drug resistance. This project aims to identify and characterize novel host proteins that are essential for the HIV integration process. The findings from the proposed studies will help identify novel drug targets for blocking HIV integration and infection.

VBS Faculty Leadership Positions in ACVP

Dr. Krista La Perle and Dr. Maxey Wellman will accept leadership positions in the The American College of Veterinary Pathologists (ACVP). Dr. LaPerle will serve as a Councilor and Dr. Wellman will be the 2013 President. By promoting excellence in veterinary pathology, the ACVP
improves and protects human and animal health for the betterment of society. The ACVP promotes the advancement and sharing of knowledge, life-long learning, and professional competency through certifying examinations, educational programs, and by publishing the *Veterinary Pathology* journal. The College is governed by an eight-member Council which includes a President, Immediate Past President, President-Elect, Secretary/Treasurer and four Councilors elected for four-year staggered terms. Dr. Maxey Wellman is the current President-Elect; both will assume their new leadership posts at the Annual Meeting in Seattle, Washington in December.

Dr. La Perle has been actively involved in ACVP since she became a Diplomate in 2001. She has been a member of the Student Chapter Subcommittee since joining ACVP, and is the current Chair. During her tenure, the Committee has been integral to the establishment of Student Chapters at 34 veterinary schools in North America and the Caribbean. Dr. La Perle currently oversees the initiative to recognize chapters at ten additional international veterinary schools accredited by the American Veterinary Medical Association. Dr. La Perle spent five years on the Certifying Examination Committee and served as both General and Anatomic Pathology Chair in 2010. She was a member of the Anatomic Pathology Test Plan Group and is currently on the Certifying Examination Board, coordinating the implementation of a two-part exam with the help of Dr. Paul Stromberg. Dr. La Perle was also involved in the 2007-2012 Strategic Planning Work Group, two Task Forces – Strategic Partnerships and Training Program Development – that emerged from that Working Group in addition to the Public Visibility Committee, the Mentoring Committee, and the Speakers Bureau. In addition, she judges Young Investigator and/or Veterinary Student posters at the Annual Meeting each year.

Dr. Wellman has been actively involved in the ACVP since 2000, after having served on the Executive Board and as President of the American Society for Veterinary Clinical Pathology. She spent five years on the ACVP Certifying Examination Committee and served as both General and Clinical Pathology Chair in 2005. She was co-chair of the ACVP Tissue Banking Best Practices mini-symposium at the 2007 annual meeting and was an active member of the Training Program Development Task Force from 2006-2011. Dr. Wellman served as a Councilor from 2007-2011, during which time she was Council liaison to the ACVP Education Committee, the Pathology Chairs group, and the Recruitment Committee. She is the current Council liaison to the ASVCP. As President-elect, she has been actively involved in the 2012-2016 strategic planning process and implementation, which includes new guidelines for maintenance of certification and development of strategic domestic and international alliances. Dr. Wellman is co-author of “Developing and Fostering a Dynamic Program for Training in Veterinary Pathology and Clinical Pathology: Veterinary Students to Post-Graduate Education” (2007) and the ACVP Training Program Development Task Force manuscript entitled “Elements of Good Training in Anatomic Pathology”
(2010). As President, Dr. Wellman will continue to guide the implementation of the strategic plan to fulfill the mission of the ACVP.

Both faculty members continue the long tradition of leadership positions in ACVP held by Ohio State University pathologists including Steve Weisbrode, President, 2001; Paul Stromberg, Secretary/Treasurer, 2000-2004 and President, 2006; and Michael Lairmore, President, 2010. Drs. Weisbrode, Stromberg, and Radin also served on the ACVP Certifying Examination Committee.

Dr. Thomas Rosol attended MBI workshop

Dr. Thomas Rosol was chosen as one of six international presenters for the summer Bio-Sciences Problem-Solving Workshop at the OSU NSF-supported Mathematical Biosciences Institute (MBI). He chose calcium regulation as the problem and a ten-member team from the 50-60 participants (that included applied mathematicians, statisticians and domain experts; see photo) developed a series of linear regressions that modeled in vivo calcium regulation. The workshop lasted one week and Dr. Rosol worked with the team daily to make the model clinically relevant for cancer and renal disease. He will use the model as preliminary data for grant submissions. A number of the participants were interested in continuing with collaborative work on calcium that will result in a scientific publication in a mathematical biosciences journal. If you are interested in learning more about the MBI and how to interact with the institute please contact Dr. Rosol at Rosol.1@osu.edu.

Dr. Tom Rosol Elected to Serve a Third Term on the Wilds Board of Trustees

Dr. Thomas Rosol has been elected to serve a third term (until 2015) as member on the Board of Trustee of the Wilds. The Wilds is a private, non-profit conservation center located on nearly 10,000 acres of reclaimed mine land in rural southeastern Ohio. Dr. Rosol has served on the Board since 2006 and he is currently a member of
the animal sustainability committee. *The Wilds* partners with the College of Veterinary Medicine for student research and conservation management experiences. Dean King recently served on the transformation team to develop a new strategic plan for the organization.

**VBS HIGHLIGHTS FOR August:**

**Outreach & Engagement:**

Earlier this year, Christopher Frasure took various anatomy specimens to Pickerington Central High School. His time volunteering with an advanced placement biology class introduced the students to Veterinary Medicine, especially the aspects involving anatomy that interest him the most. Mr. Frasure found this outreach activity to be such a positive experience that he plans to continue the project each year.

![Outreach & Engagement](image)

**Publications:**


**Presentations:**


![Presentations](image)

Drs. Lisa Lanigan, Lauren Mattei, Sarah Chaney, Chris Koivisto, Robyn Haines, Famke Aeffner and Kristin Lewis (in picture from left to right) attended the 31st Annual Meeting of the Midwestern Association of Veterinary Pathologist in New Harmony, IN. Almost all residents gave presentations on remarkable histopathology lesions and their presentations were well-
The residents’ attendance was made possible through financial support by the Department of Veterinary Biosciences and meeting sponsorship by Bristol Myers Squibb. Drs. Sarah Chaney and Kristin Lewis each received a student speaker award for their presentations.

**Staff Feature: Rajaneesh Anupam**

Rajaneesh (Raj) Anupam is a Research Scientist in Dr. Patrick Green’s Laboratory. Raj is originally from India and has a Bachelors Degree in Pharmacy from Amravati University. He came to US to pursue his graduate education and received a PhD in Biochemistry, Molecular and Cellular Biology from Ohio University. Raj joined the Department of Veterinary Biosciences as a postdoctoral research in Dr. Michael Lairmore’s Laboratory and has recently moved to Dr. Green’s laboratory as a research scientist. His research focuses on the role of Human T lymphotropic virus -1 (HTLV-1) p30 accessory protein in the viral life cycle and pathobiology of HTLV-1. Raj likes to spend his free time running or cooking.

**Wellness News: August is Psoriasis Awareness Month**

Psoriasis, the most prevalent autoimmune disease in the country, is a chronic, genetic, contagious disease of the immune system that appears on the skin, affecting as many as 7.5 million Americans. Up to 30 percent of those with psoriasis develop psoriatic arthritis, which causes swelling of the joints. Sponsored by the National Psoriasis Foundation each August, Psoriasis Awareness Month is dedicated to raising awareness, educating the public, and dispelling myths about these diseases.


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