Dr. Ian Davis Awarded New NIH R01 Grant to Study Influenza

Dr. Ian Davis, Assistant Professor in the Department of Veterinary Biosciences has been awarded a new National Institute of Health R01 Grant to study influenza. Seasonal influenza epidemics may cause >300,000 deaths/yr worldwide, while pandemics have caused devastating loss of life. Understanding of mechanisms by which viruses impair healthy lung function will dramatically increase the development of therapies to prevent influenza-induced lung damage that kills a subset of patients. Nucleotide signaling is a physiologically significant, but previously unidentified consequence of viral infection in the lung, which is highly amenable to pharmacologic blockade. Our objectives are to increase our understanding of the role of adenosine in the pathogenesis of influenza-associated lung injury, and determine its potential as a therapeutic target. Results from his work have already resulted in U.S. Patent Application Serial No.: 61/366,986 Entitled: METHOD OF TREATING INFLUENZA BY DISRUPTING AN ADENOSINE RECEPTOR PATHWAY Inventor: Dr. Ian C. Davis. Congratulations Dr. Davis!

Council for Research Activities - Update

The Council for Research met on July 26, 2010 to review seven grant proposals submitted for canine research funds. Five applications were selected for funding:

- Genetic Characterization of Canine Hemoglobin, and of its Atypical Properties in Greyhounds. Alvarez CE, Couto CG, and Zaldivar-Lopez S
- Biomechanical Comparison between pin/PMMA and screw/PMMA Constructs in the Canine Cervical Spine. Hettlich B, Allen M, and Litsky A.
- Phase I evaluation of N-Benzyladriamycin-14-valerate (AD 198) in Canine Lymphoma. London C, Kisseberth W, and Lothstein L.
Veterinary Student Summer Research Program - Update

The summer is going quickly and the students are immersed into their projects. Eleven students are preparing poster presentations for the 2010 Merial Veterinary Scholar Symposium, August 5-8 at the University of Georgia. http://www.merialscholars.com/index.html

The students have attended weekly brown Bag seminars, most recently "Surgical Research: Moving Treatments from the Lab to the Operating Room" presented by Dr. Matthew Allen and "Research and Academic Integrity" by Dr. Lynne Olson. In addition, Dean Lonnie King has invited the students to take part in the “Focus Forward Retreat”, August 12-14th. On August 18th we will be traveling to the Cincinnati Zoo’s Center for Conservation and Research of Endangered Wildlife (CREW). Mark your calendar for September 14th and plan to attend the student end of summer program and posters!

Other Recent Sponsored Research Awards

- Dr. Tom Rosol: Morris Animal Foundation “Effect of combined zoledronic acid and arsenic trioxide on feline oral squamous cell carcinoma” $50,000
- Drs. Jianrong Li and Stefan Niewiesk: NIAID “Messenger RNA capping and methylation in pneumoviruses $ 337,350
- Dr. Alicia Bertone: Biomet “ASC comparison of BMA needle designs $39,868
- Dr. Bill Kisseberth: NCI “COYC007a: a preclinical comparison of 3 indenoisoquinolines candidates in tumor-bearing dogs: a pilot study of Topotecan in dogs with lymphoma” $10,815
- Dr. Barb Wolfe: Morris Animal Foundation “Effects of fluphenazine decanoate on stress and reproductive cyclicity in common eland (Taurotragus oryx) Veterinary Summer Scholar Program $4,000

Selected Recent Publications


• **Myc interacts with Max and Miz1 to repress C/EBPdelta promoter activity and gene expression.** Si J, Yu X, Zhang Y, DeWille JW. Mol Cancer. 2010 Apr 28;9:92.


**Funding Opportunities**


• **Public Health Preparedness in Infectious Disease (PHPID) 2010 Pilot Grant Research Program Competition** Open to PHPID-affiliate faculty, max $50,000 direct costs annually for up to two years. For more information see [http://phpid.osu.edu/phpid2/?q=node/43](http://phpid.osu.edu/phpid2/?q=node/43)

• **Great Lakes Regional Center of Excellence Funding Opportunities in Biodefense and Emerging Infectious Diseases** Career Development Projects, Developmental Projects, and Research Project Requests for Applications (RFAs) available. **Due date August 2, 2010** see [http://www.glrce.org/](http://www.glrce.org/) for more information

• **Colorado State University: Livestock-Climate Change CRSP (USAID) Request for Applications (RFP)** to fund proposals that develop connections between the US and Host Countries for scientific research, capacity building, and institutional strengthening to improve the livelihoods of small-scale livestock producers. **Eligibility:** US public universities and their partner institutions and organizations. The project team must include at least one host-country institution or organization. The host countries of interest for this RFP are semi-arid regions of livestock production in the priority countries of Ethiopia, Kenya, Mali, Senegal, Tanzania, Afghanistan, Tajikistan, Mongolia, and Kazakhstan. **Contact:** Shana Gillette, Ph.D. Assistant Professor, Integrated Research Director, Livestock-Climate Change CRSP [www.csucrsp.org](http://www.csucrsp.org) **Proposal Due Date:** August 20, 2010


• **Fulbright Scholar Program** offers teaching, research or combination teaching/research awards in more than 125 countries. Opportunities are available for college and university faculty and administrators as well as for professionals, artists, journalists, scientists, lawyers, independent scholars and others. U.S. citizenship is required. Contact: Joanna Kukielka-Blaser, mailto:kukielka-blaser.1@osu.edu. Read more: [http://www.iie.org/cies/us_scholars/us_awards/](http://www.iie.org/cies/us_scholars/us_awards/)

**NIH Funding opportunities**

• Pathobiology of Emerging Pathogens in Laboratory Animals (R01) [http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-10-005.html]
• NIH Pathway to Independence Award (Parent K99/R00) [http://grants.nih.gov/grants/guide/pa-files/PA-10-063.html] due 10/12/2020
• NIAID Advanced Technology SBIR (NIAID-AT-SBIR [R43/R44]) [http://grants.nih.gov/grants/guide/pa-files/PA-10-123.html] Due 12/05/2010
• Pathobiology of Emerging Pathogens in Laboratory Animals (R21) [http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-10-004.html]
• Pathobiology of Emerging Pathogens in Laboratory Animals (R01) [http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-10-005.html]

**USDA Opportunites**

• AFRI food safety due 9/1/10 [http://www.csrees.usda.gov/fo/afrifoodsafety.cfm]
• Agriculture and Food Research Initiative: NIFA Fellowships Grant Program due 10/5/10 [http://www.csrees.usda.gov/fo/afrinafellowshipsgrantprogram.cfm]

**Clinical and Translational Science Opportunities**

• The Center for Clinical and Translational Science is now accepting applications for pilot project funding. The purpose of this funding mechanism is to encourage early stage investigators to address integrated solutions to complex clinical and translational problems. All early stage OSU and NCH faculty researchers interested in clinical or translational science are welcome to apply. For additional information and application guidelines, visit [http://www.ccts.osu.edu] Due Oct. 1, 2010
• CCTS RFA: Career Development Program (KL2) – Deadline October 15, 2010. The OSU Center for Clinical and Translational Science (CCTS) is seeking applicants for the NIH Clinical and Translational Science Award (CTSA) KL2 Career Development Program. The overall goal of the KL2 program is “to help ensure that a diverse pool of highly trained scientists are available in adequate numbers and in appropriate research areas to address the Nation’s biomedical, behavioral, and clinical research needs.” The OSU CCTS KL2 program supports the career development of investigators who have made a commitment to conduct either patient-oriented or translational research. Eligible applicants will be considered especially responsive if their focus is on one of the following priority areas: comparative effectiveness research; community
engagement research; novel technologies; or biomedical informatics. Letter of Intent instructions also can be found on the OSU CCTS website at: www.ccts.osu.edu.

Seminars and Workshops

- **Discovery, Innovation and Commercialization Workshop Series.** The Center for Clinical and Translational Science (CCTS) in collaboration with the Fisher College of Business and the OSU College of Medicine are pleased to announce an upcoming workshop series of 5 sessions on Discovery, Innovation and Commercialization. This series will provide CCTS pilot study awardees, K scholars and other interested clinical and translational investigators with enhanced capabilities and support in the area of translating scientific discoveries into commercially applicable and innovative products and services that lead to improved patient outcomes. At the conclusion of the 5 workshop series, participants will be eligible to request consultative support from a business team who will work with the research team to provide guidance and support on translating discoveries to new products and services. Workshops are scheduled on specific topics on Fridays, 1:00 – 4:00 pm, August 20, October 8, and October 29, 2010. Register to participate in the workshop series.

- **“Tools of the Trade”** on September 13, 2010. Registration is now open for The Center for Clinical and Translational Science's (CCTS) Tools of the Trade on September 13, 2010. The event will take place in the Ohio Union Cartoon Room from 8:00 a.m. - 4:00 p.m. This day long event will provide new investigators with the tools and resources needed to get their research up and running. Topics will include: participant recruitment; working with mentors; organizing and collecting data; publishing; and a mock IRB review. The event is free and open to investigators across campus. Lunch will be provided. For more information, contact Stephanie Vecchiarelli at stephanie.vecchiarelli@osumc.edu

- The **17th Annual Midwest Microbial Pathogenesis Conference (MMPC)** will be held September 10-12th, 2010 in St. Louis, MO (hosted by Washington University). See http://www.mmpc.wustl.edu/

- The **Mathematical Biosciences Institute** at OSU will host a “Boot Camp in Cancer Modeling” workshop September 7-10, 2010. This event is aimed at early-career researchers and trainees in the biological and biomedical sciences who are interested in integrating mathematical modeling into their research. Registration deadline 7/23/10. http://mbi.osu.edu/2010/btcmpdescription.html

Grant Support Office - Updates

**NEW OSU Office of Sponsored Programs Sponsored Program Officers** for the College of Veterinary Medicine:

- Pre-Award: Dr. Jill Richards Richards.832@osu.edu 292-1475 (no change)
- Post Award: Dennis Wilt 292-6278 wilt.46@osu.edu
- Contracts (Office of Business and Industry Contracts): John Robinson 292-2656 robinson.1185@osu.edu

**Compliance with NIH Public Access Policy** This is just a reminder that investigators funded by the NIH are required to ensure that the National Library of Medicine's PubMed Central has an electronic version of your final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication.
What You Need to Know – Spending on Fixed Price Agreements

Fixed price agreements occur when a Sponsor contracts with an investigator to perform a specific project and agrees to pay a set amount of money for the work. If the investigator does not spend all of the money by the end of the project, the remaining balance is transferred to a residual funds account at OSU in the investigator’s name. The investigator may then use these monies for personnel costs, supplies, university travel, etc. It is the responsibility of the investigator to spend the funds designated for the project on that project according to the agreement with the Sponsor.

However, if investigators are not spending the money but the work is getting done, then who is paying for the work? The answer is probably the department or another sponsored project – neither of which is allowable. If more than 20% of the funds are unspent, the principal investigator will be asked for a justification. In addition, the Office of Sponsored Research (OSP) may go to the department and ask them to review whether all appropriate charges have been incurred (especially if there are no personnel charges). The OSP is finalizing a policy to address this issue. Bottom line: Fixed price agreements need to be honored and the funds must be spent on the appropriate and approved project in a timely manner or risk having the funds returned to the sponsor.

Fringe Benefits Rates Change Yearly: Fringe benefits rates are negotiated annually with the US Dept. of Health and Human Services. Please see http://rf.osu.edu/development/e-fringe.cfm

Lab Safety Update: University Safety Personnel remind you that wearing “Sandals and Open-Toe Shoes” is prohibited in research laboratories. Gloves worn in the lab should be removed before leaving the room. These two violations of laboratory protocol were noted during recent “courtesy” inspections by EHS personnel. Wearing appropriate footwear in the lab may not win points from the “Fashion Police” but you can take comfort in the fact your feet will be protected from potential hazards in the work environment.

For more information please contact Dr. Kathleen Hayes-Ozello, College of Veterinary Medicine Grants Support Office at Kathleen.Hayes-Ozello@cvm.osu.edu or Ms. Michele Morscher at Michele.Morscher@cvm.osu.edu