

PharmTox Fights COVID-19

Week of June 22-26, 2020 Accolades

Accepted Publication by Dr. Palade

Professor Philip Palade and alumni faculty, Dr. Sharda Singh are contributing authors on a manuscript published in June by the journal, *Cancers*. The publication is titled, "Rlip depletion suppresses growth of breast cancer". Dr. Singh is an associate professor and director of basic research in the Department of Internal Medicine at Texas Tech University.

The article discusses RLIP76 (RAL-binding protein-1, Rlip) as a stress-protective mercapturic-acid-pathway transporter protein that also plays a key role in regulating clathrin-dependent endocytosis as a Ral effector. Targeted inhibition or depletion of Rlip causes regression of xenografts of many cancers and is capable of abrogating tumor formation in p53-null mice.



Department Spotlight: Dr. Jack Hinson



Emeritus Distinguished Professor Jack Hinson has maintained close contact with the department since retiring in July, 2014 after 24 years at UAMS. He attends faculty meetings, and until recently, had a departmental office. "What I miss most is the intellectual challenge," said Dr. Hinson. "To design and perform experiments with colleagues and students that answer significant research questions is immensely rewarding. During my research career that included positions at Vanderbilt, the NIH, NCTR and UAMS, I have been very fortunate to work with a large number of very excellent and highly talented researchers. I could not have succeeded without their help."

In retirement, Dr. Hinson has been actively involved as a partner in Acetaminophen Toxicity Diagnostics, a company he founded with Drs. Laura James and Dean Roberts, which is developing a lateral flow (dipstick-type) assay to analyze small serum samples for evidence of acetaminophen liver toxicity. The company is funded by a STTR grant from the NIH. Dr. Hinson also has published manuscripts since his retirement and recently completed a review article with Dr. Mitch McGill. Dr. Hinson's primary advice to students, "think outside of the box and be creative".

Health Screener Recognition

Professor Alexei Basnakian, research technician Suki Fukuda, and education specialist Sylvia Stewart volunteered again this past week at the health screening station at the entrance to the Cancer Institute. There still are volunteer shifts left in June. [Click here](#) to see available shifts.



Stocked and Reddie

Stocked and Reddie, the UAMS food pantry, is looking for volunteers and donations of food and money. You can go to their [website](#) to give online.