

U-M researchers receive DoD grants for breast cancer research

Researchers at the University of Michigan Comprehensive Cancer Center received more than \$2.2 million in grant funding from the U.S. Department of Defense Breast Cancer Research Program.

The funding will be split between 11 research proposals. The competitive DoD funding process involves peer reviews in which neither the institution nor the investigator are identified. The program funds novel concepts in breast cancer research. Only 14 percent of the proposals received awards.

The following researchers received funding:

- Max S. Wicha, M.D., Chemo Resistance of Breast Cancer Stem Cells
- Sharon Hensley Alford, MPH, Significance of Pathways Leading to RhoC Overexpression in Breast Cancer
- Yipin Lu, Discovery and Test of Small Molecule Inhibitors of XIAP as Potential Novel Therapy for the Treatment of Breast Cancer
- Theodora S. Ross, Ph.D., M.D., Identification of Potential Therapeutic Mechanisms for HIP1 Inhibition in Breast Cancer
- Tsu-yin Wu, Development of a Tailored Intervention to Promote Breast Cancer Screening Among Immigrant Asian Women Residing in the U.S.
- Jun Wei, Development of a Computer-Aided Diagnosis System for Early Detection of Masses Using Retrospectively Detected Cancers on Prior Mammograms
- Yi Sun, Screening for Small Molecules that Disrupt IAP-Caspases Binding to Activate Caspases and Induce Apoptosis in Breast Cancers
- Liang Xu, M.D., Ph.D., Herceptin-Resistance and Overexpression of Anti-Apoptotic Molecule Bcl-XL: A Potential Strategy for Overcoming Resistance to Herceptin
- Quintin Pan, Are Breast Tumor Stem Cells Responsible for Metastasis and Angiogenesis
- Mats Ljungman, Use of Nascent RNA and DNA Microarrays to Study Inducible Gene Expression in Breast Cancer Cells
- Victor C. Yang, PharmD, Novel Approach for Simultaneous Imaging and Protein Transduction Therapy for Breast Cancer

***University of Michigan Comprehensive Cancer Center
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