



October 2023 eNews

Breast Cancer Awareness Month



Since 1985, October has been a time for raising awareness of breast cancer. Originally a mere week long, the American Cancer Society event has grown into a full month, aiming to promote screening and prevention of the disease. Today, Breast Cancer Awareness Month is filled with campaigns and programs by a wide variety of groups, designed for supporting people diagnosed with breast cancer, educating people about breast cancer risk factors, stressing the importance of regular screening, and fundraising for breast cancer research. Breast cancer is the most commonly diagnosed cancer among American women, affecting 1 in 8 every year and 2.3 million women worldwide--and the largest risk factors are simply being a woman and growing older. Regular self-exams and screening are always recommended, as early detection may be more treatable. Within the month are even more specific events, including Metastatic Breast Cancer Awareness Day on October 13th, and Men's Breast Cancer Awareness Week from October 17 to 23rd. Nearly 3000 American men are expected to be diagnosed with breast cancer this year, with over 500 expected to die from the disease, but lack of awareness and stigma can prevent detection and care. As stated on the official website, "October can feel different for each of us--some wear pink to celebrate, some quietly observe the month, some feel grief, and some feel unseen or misunderstood. We want to normalize it all."

For more information on Breast Cancer Awareness Month, visit www.breastcancer.org.

Ongoing Breast Cancer Research at Wood Hudson Cancer Research Lab

NEWPORT, KY
EAST·ROW
HISTORIC DISTRICT



Scientists and students at Wood Hudson Cancer Research Laboratory study new ways to prevent, diagnose and treat breast cancer, using both models of cultured breast cancer cell lines grown in the laboratory and deidentified archived formalin fixed paraffin embedded surgical specimens of breast tumors. The results of our research are published in peer reviewed scientific journals and presented at local, national, and international scientific meetings. Students participating in the Wood Hudson Cancer Research Laboratory Undergraduate Research Education Program (UREP) will be presenting their research at the Kentucky Academy of Sciences (KAS) Annual Meeting to be held this year November 3rd and 4th at Northern Kentucky University.

Men Tran, who is an international student at Northern Kentucky University and a participant in UREP, will be reporting on her study of the role that oxidative stress regulatory genes play in breast cancer. She is studying both a triple negative breast cancer cell line and an estrogen receptor positive breast cancer cell line. Susan Sterling, a University of Cincinnati student and a UREP participant will report on changes in the biosynthesis of the amino acid serine that breast tissues undergo during malignant transformation. We gratefully acknowledge the financial support of I Have Wings Breast Cancer Foundation, the East Row Historic Foundation, and numerous gifts to the Wood Hudson Cancer Research Laboratory Memorial Fund for this breast cancer research.

**Generous Grant from the Carol Ann and Ralph
V. Haile, Jr. Foundation**

Carol Ann and
Ralph V. Haile, Jr.

F O U N D A T I O N

On October 18, 2023, Wood Hudson Cancer Research Laboratory received word of a generous grant of \$15,000 from the Carol Ann and Ralph V. Haile, Jr. Foundation for general operating support. This grant will be used for general operating support for cancer research and our Undergraduate Education Research Program (UREP) during 2024. The expenditures will include payment for utilities such as gas & electric, water & sanitation, and trash removal, as well as insurance, telephone, and internet expenses. Wood Hudson Cancer Research Laboratory, Inc. is a 501(c)(3) tax-exempt organization and publicly supported charity, and relies on donations from foundations, corporations, businesses, and individuals to continue our research.

The Haile Foundation is an independent family foundation dedicated to enhancing the quality of life for residents in our region. They concentrate their efforts and resources in areas about which Carol and Ralph were most passionate: Arts and Culture, Civic and Community, Education, and Human Services. In collaboration with their region's stakeholders, they help lead the way to a strong and vibrant community across ten counties in Ohio, Kentucky and Indiana. For more information visit www.hailefoundation.org.

Don't forget--Giving Tuesday is coming up next month, on [November 28th](#)! With Thanksgiving coming up, we thank all our generous donors for their support--your support makes our work possible.



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