

About The Cancer Research Building

As the first new research building to be constructed on the University of Tennessee Health Science Center campus in 17 years, the Cancer Research Building will be a major step toward the pursuit of health care discovery.

- The \$25.2 million building has more than 90,000 square feet, housing 32 research laboratories, 33 offices and a 60-seat auditorium.
- Laboratory layouts are configured in open, wall-less modules to foster collaboration among investigators from several UTHSC colleges.
- Interdisciplinary basic and translational cancer research will be conducted by College of Dentistry, College of Medicine and College of Pharmacy scientists.
- Laboratories will house state-of-the-art equipment that will support research on experimental therapeutics to treat adult cancer.
- The facility also houses the Molecular Resource Center, which offers the university community access to the latest technologies for exploring the molecular bases of disease and basic biological processes.



For more information, please contact Lawrence M. Pfeffer, Ph.D., scientific director of the Cancer Research Building, utcancer@uthsc.edu, or (901) 448-7855. To make a donation for cancer research at the University of Tennessee Health Science Center, please contact the Development office at (901) 448-5516.

Research Team

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The Way to a Cure

Cancer arises from the interruption of normal signal pathways and genetic coding within a cell. Our laboratory investigators are defining the functions of genes and proteins that control these fundamental cellular processes, with special emphasis on cell proliferation, differentiation, apoptosis (normal cell death process), and angiogenesis (the formation of new blood vessels, especially blood vessels that supply oxygen and nutrients to cancerous tissues). By understanding the events that transform a normal cell into a cancer cell, we identify and validate new molecular targets for cancer drug therapies.



Facts about Cancer

- The American Cancer Society estimates that 1,399,790 individuals were diagnosed with cancer, and 564,830 died from it in 2006
- Nearly one in two individuals will be diagnosed with some form of cancer in his or her lifetime
- 96% of all cancers occur in adults

Inside the UT Health Science Center Cancer Research Building

This footprint outlines the first floor of the building. The three-story structure located on the main campus of the UT Health Science Center in Memphis, has more than 90,000 square feet, housing 32 research laboratories, 33 offices and a 60-seat auditorium.



The unique design of the Cancer Research Building is simultaneously cost-effective and fosters a collegial approach to scientific discovery. The laboratories on each floor are “open” and an interior hallway connects each of the six labs on the floor. This connectivity allows researchers easy access to common equipment and to each other.



For more information about the University of Tennessee Health Science Center, visit www.utbhc.edu.

Prepared by the UT Health Science Center Communications and Marketing Department.

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