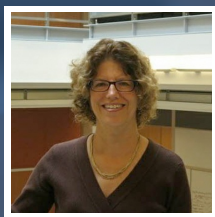


# Effective Treatments for the Currently Untreatable



Leslie Parise

Professor and Chair, Biochemistry and Biophysics

## CURRENT RESEARCH

### Revolutionizing treatments for fatal cancers and heart disease

Every year, over 230,000 women in the US are diagnosed with breast cancer. 15-20% of those diagnoses are for a particularly aggressive form of breast cancer called triple negative breast cancer and approximately 25% of those patients do not live beyond five years of their diagnoses. Despite the incredible risk of a triple negative breast cancer diagnoses, there are currently no targeted therapies. Dr. Leslie Parise, Professor and Chair of the Department of Biochemistry and Biophysics at the University of North Carolina at Chapel Hill, is developing therapies for breast cancer patients. Specifically, she and her team are studying a protein that when depleted or inhibited, destroys triple negative and other cancer cells but not normal cells thereby making this protein a safe and effective target. In so doing, she is actively pursuing a treatment for what today is often a fatal diagnoses.

Dr. Parise currently has a dedicated team that she wishes to expand to accelerate the rate of discovery and broaden her research questions. Falling under the umbrella of both the School of Medicine and the Linberger Comprehensive Cancer Center (LCCC), her team is motivated by clinicians and researchers who have seen first-hand the challenges at hand with a triple negative breast cancer diagnoses. This has promoted research with a mission of true impact. In fact, she and her team have already shown that their target is effective in most triple negative breast cancer cell lines tested to date. In the near future, they hope to have therapeutics ready for testing in mice and soon after in human clinical trials.

Current research includes:

- Cancer: Triple Negative Breast Cancer: Central to the lab's...

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## AFFILIATION



University of North Carolina Chapel Hill

## EDUCATION

- Ph.D., in Pharmacology, 1982 , University of Illinois Medical Center
- B.S., in Chemistry, 1976 , University of Illinois, Urbana-Champaign

## AWARDS

- Associate Editor, Blood
- NIH Hemostasis and Thrombosis Study Section
- Fellow of the American Association for the Advancement of Science
- Stewart-Niewiarowski Award Women in Vascular Biology
- Public Affairs Advisory Committee, ASBMB

## RESEARCH AREAS

Life Science, Cardiovascular, Oncology / Cancer, Cardiovascular

## FUNDING REQUEST

Your contributions will support the continue research of Dr. Leslie Parise, of the University of North Carolina at Chapel Hill, as she accelerates the development of new treatments for difficult to treat cancers. Donations will fund the necessary \$500K-\$1M to ensure the salaries of graduate students and postdoctoral researchers, as well as the cost of chemical synthesis and preclinical testing in mouse models of human breast cancer. Be a part of developing a treatment for triple negative breast cancer; support Dr. Parise's research.