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New Protein May Lead to New Breast Cancer Treatments by [Heather MacGibbon](#)

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A New Approach may be around the corner for the treatment of breast cancer.

New research published September 14, 2011 online in the Journal of the National Cancer Institute just announced that Dr. Suresh Alahari, the Fred Brazda Professor of Biochemistry and Molecular Biology at LSU Health Sciences Center New Orleans and its Stanley S. Scott Cancer Center, has found that a protein discovered by his laboratory can inhibit the growth of breast cancer cells.

"Our research shows that nischarin (the newly discovered protein) can function as a tumor suppressor of breast cancer, inhibiting breast cancer progression," Dr Alahari said in a interview with Science Daily .

This marks a significant advance in the battle against one of the disease most likely to effect women and some men during their life time. The American Cancer Society estimates that for 2011:

• About 230,480 new cases of invasive breast cancer will be diagnosed in women.

• About 57,650 new cases of carcinoma in situ (CIS) will be diagnosed (CIS is non-invasive and is the earliest form of breast cancer).

• About 39,520 women will die from breast cancer

The LSUHSC research team supported by grants from the NIH, Susan Komen Foundation and Louisiana Cancer Research Consortium included Dr. Robin McGoey, postdoctoral fellows, Drs. Somesh Baranwal, Yanfang Wang, Rajamani Rathinam, and Lianjin Jin. Researchers from Duke University and Memorial Sloan Kettering Cancer Center also contributed.

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