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Breast cancer and medicinal plants: A critical review from recent studies**Sheth Navin**

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Breast cancer is one of the most prevalent malignancies in female around the world causing significant health care burden in both developed and developing countries. Resistance to the chemotherapy, radiation and hormonal therapy leads to search an alternate for the treatment of breast cancer. Herbal medicines are attracting the attention of scientific community towards new treatment of breast cancer. Different *in vitro* and *in vivo* studies have shown a potential role of medicinal plants in reducing the risk of cancer metastasis. Medicinal plants produce diverse number of secondary metabolites that can regulate several molecular and metabolic processes that can hinder cancer progression. Here, we review the recent findings regarding the anti-breast cancer activities of several medicinal plants, both *in vitro* and *in vivo* and the isolated phytochemical molecules possibly responsible for these activities. This review highlights the importance of medicinal plants as promising sources of alternate treatment of breast cancer.

Biography

Navin Sheth is a Professor of Pharmaceutical Sciences and is currently serving as Vice- Chancellor at Gujarat Technological University (GTU), India. His research interests include natural drugs, its identification and evaluation, herbal drug standardization and phyto-pharmacological activity of different plants. He has worked as the Head of the Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, India, where he has developed Advance Research Centre by sophisticated analytical instrumental facilities.

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