



cell death by apoptotic or non-apoptotic mechanisms together with necrosis, autophagy and mitotic catastrophe [18,19].

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**Figure 1:** Breast cancer and normal cell moderate structure

contributing factor to this state of affairs. Despite much advancement in recent years, a key predicament in tumor therapy with recognized cytostatic compounds is the enlargement of drug resistance and frightening side effects. Most documented drugs knowledge from inadequate specificity in the direction of tumor cells. Hence, the acknowledgment of enhanced anti-tumor drugs is straight away needed [52]. Obviously, 69% of anticancer drugs standard sandwiched between the 1980s and 2002 are either natural harvest or urbanized based on knowledge gained from natural harvest [53]. Cancer is one of leading cause of morbidity and mortality worldwide, despite huge efforts of science researchers from various discipline aimed at ameliorating the dismal conclusion of cancer mortality. The rate of death from cancer has not declined considerably even with advances in surgery, radiotherapy, and chemotherapy. Prevention of cancer remains evidently a necessary part of the contest adjacent to cancer in the world [54,55]. Cancer cells occur as a result of unique manifold genetic disorder that may arise from experience to environmental and professional carcinogenic agents or dietary habits and communicable agents [56]. Nonnutritive biologically full of life chemical compounds in plants which do something as a natural defense system for host plants and provide color, aroma and flavor [57]. According to the topical research of American cancer society, breast cancer is the majority cancer among American women after skin cancer and it is the most important cause of cancer death in women, exceeded only by



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