

Annual Summit on

# CELL SIGNALING, CELL THERAPY AND CANCER THERAPEUTICS

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## Cell signaling and cancer therapy

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Cancer is uncontrolled growth of abnormal cells in the body concern develops when the body's normal control mechanism stops working. Old cells do not die and cells grow out of control, forming new abnormal cells. Then extra cells may form a mass of tissues called a tumor and some such as leukemia do not form tumors. During the course of tumor progression cancer cells acquire a number of characteristics alterations. These include the capacities to proliferate independently exogenous growth promoting or growth inhibitory signals to invade surrounding tissue and metastasize to distant sites to elicit an antigenic response and to evade mechanisms that limit of cell proliferation, such apoptotic and explicative se scene. These properties reflect alterations in the cellular signaling pathways that in normal cells control cell proliferation, motility and survival many of the proteins currently under investigation as possible target for cancer therapy is signaling proteins that are components of these pathways.

## Biography

Sudha Bansode is an Associate Professor in Zoology at Shankarrao Mohite College, Akulj, Maharashtra State, India. Recently she was a Visiting Scholar at University of California, Riverside, USA. She is active researcher & passionate teacher in India. Still she has been published above 20 research papers in International Journals & she is interested on Bone Research. Also she has honor of Distinguished Editorial Board Member of several International Journals. She is a own author of "Textbook Histological Techniques" & "Outlines of Physiology". She was a invited Indian Speaker of "OXFORD SYMPOSIUM" on 27-29 August, 2014 at Balliol College, Oxford, United Kingdom.

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