

## عنوان مقاله:

Phytochemicals as Complementary and Alternative Therapeutic Formulations with Potential pro-Apoptotic Effects on Various Cancerous Cell Lines: A Literature Survey

## محل انتشار:

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## نویسندگان:

Muhammad Danish Mund - *Department of Poultry Sciences, University of Agriculture Faisalabad, Sub-Campus Toba Tek Singh, Pakistan*

Samina Alam - *Department of Cellular and Molecular Physiology, College of Medicine, The Pennsylvania State University, Pennsylvania, USA*

Umair Hassan Khan - *Department of Poultry Sciences, University of Agriculture Faisalabad, Sub-Campus Toba Tek Singh, Pakistan*

Uruj Tahir - *Department of Environmental Sciences, Fatima Jinnah Women University, Rawalpindi, Pakistan*

## خلاصه مقاله:

Cancer is characterized as one of the deadliest diseases and claims millions of lives every year with higher proportion of causalities in developing countries as compared to the developed ones. Though there exist a number of treatment technologies against cancer including chemotherapies, radiotherapies, surgeries etc. But people are now turning towards plant derived herbal therapies for treatment of cancerous diseases due to ill-effects associated with allopathic treatments. These plant derived bioactive compounds may target fast dividing cells by impairing mitosis or cause target cells to undergo apoptosis without affecting normal cells. This manuscript is concerned about current scenario of epidemiological prevalence of various cancer lines, the pharmacological applications of various plant derived bioactive compounds with potential competency as anticancer therapeutic agents and delineation of probable effects of these compounds on cellular targets and their mechanisms of action.

## کلمات کلیدی:

Cancer Epidemiology Phytochemicals Cell Cycle Arrest Apoptosis DNA Fragmentation

## لینک ثابت مقاله در پایگاه سیویلیکا:

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