



Special Issue

Phytochemicals and Cancer Chemoprevention

Guest Editor:

Sanjay Gupta, Ph.D., M.S.

Carter Kissell Professor &
Research Director
Case Western Reserve
University
University Hospitals
Cleveland Medical Center
Louis Stokes Cleveland
Veterans Affairs Medical
Center
Cleveland, Ohio USA.

E-Mail:

sanjay.gupta@case.edu

Website:

<http://casemed.case.edu/dept/urology/BioGupta.cfm>

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Special Issue Introduction

Cancer is a leading cause of death worldwide and is responsible for one in six mortalities. Furthermore, around 70% of cancer deaths in the last decade occurred in developing countries. Cancer treatments are extremely expensive and the effectiveness of chemotherapeutic drugs is limited. Consequently, treatment becomes unaffordable due to high cost, ability to tolerate, and side-effects of these drugs resulting in increased suffering and mortality. However, around 30% of all cancer deaths could be prevented by a change in lifestyle and diet. It is well known that phytochemicals, derived from plants consumed as part of our diet, are powerful bioactive compounds and have an important role in cancer chemoprevention. In this special issue on "Phytochemicals and Cancer Chemoprevention" we will assemble articles on potential anticancer phytochemicals and agents, their molecular targets, and mechanisms of actions. Understanding of the mechanism(s) of plant-derived agents against cancer will lead to new dimension of drug invention and targets for successful intervention.

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