

Special Issue

Molecular Insight into Natural Nutraceuticals for Cancer Chemoprevention

Message from the Guest Editors

Cancer remains a leading cause of morbidity and mortality worldwide, necessitating innovative approaches to prevention and treatment. In recent years, natural nutraceuticals have emerged as promising chemopreventive agents due to their structural diversity, low toxicity, and multi-target capabilities. Derived from plants, microbes, marine organisms, and other natural sources, these compounds offer a rich reservoir of bioactive molecules capable of modulating key molecular pathways involved in carcinogenesis, including inflammation, oxidative stress, apoptosis, and cell cycle regulation. This Special Issue, "Molecular Insight into Natural Nutraceuticals for Cancer Chemoprevention", aims to showcase cutting-edge research and comprehensive reviews that elucidate the molecular mechanisms by which natural products exert anti-cancer and chemopreventive effects. We welcome submissions that explore in vitro, in vivo, or in silico studies, including work on bioavailability enhancement, structure–activity relationships, combination therapies, and novel delivery systems.

Guest Editors

Dr. Jia-Feng Chang

Division of Nephrology, Department of Internal Medicine, Taoyuan Branch of Taipei Veterans General Hospital, Taoyuan 330, Taiwan

Prof. Dr. Chih-Hsin Tang

Department of Pharmacology, School of Medicine, China Medical University, Taichung 404328, Taiwan

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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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