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Cancer Biology, Epidemiology and Therapy

Piyush Shukla^{1,4}, Deepali Shukla², Apeksha Pandey³, Satendra
Kumar Nirala⁴

¹Molecular Human Genetics, Jiwaji University, Gwalior (M.P)

²IPS Institute of Technology and Management, Indore (M.P)

³Amity Institute of Law, Gwalior, (M.P)

⁴Department of Rural Technology and Social Development, Guru Ghasidas
Vishwavidyalaya Bilaspur, Chhattisgarh

Abstract

Cancer is responsible for morbidity and mortality throughout the world. Cancer is the most serious disease that causes of death of millions of people every year across the world. Following the data released by National Cancer Institute, it can be said that there is an estimated increase of ~50% worldwide cancer cases by the year of 2030. Cancer is a disease of abnormal growth of cells that arises due to mutation in genes, which are responsible for cell proliferation and apoptosis. A complex treatment paradigm requires because of its drug resistance property and genetic diversity of tumor cells. An array of approaches are being introduced and practiced for cancer treatment but still facing the significant limitations and side effects. Exceptionally good progress has been observed in the basic understanding of cancer biology, leading to better treatment and diagnostic methods. Among

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