

Review Article A Comprehensive Review on Diagnosis, Prevention and Treatment of Antineoplastic Cell

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Abstract: *Now a day's cancer is the most prevalent life threatening disease which is spreading because of the lifestyle we are living. Cancer is due to uncontrolled growth of cell which can be cured if diagnosed in early stage of life. Cancer is a genetic disorder that results from genetic or epigenetic alterations in the somatic cells and has abnormal cell growth which may be spread to other body parts. In 2018, 18 million cancer was recorded globally in which 9.5 million cancer cases in men, 8.5 million cases in women, and 9.6 deaths were also recorded in the same year. Cancer in the broader sense refers to more than 277 different types of cancer disease. Scientists have identified different stage of cancers, indicating that several gene mutations are involved in cancer pathogenesis. Obesity, hyperglycemia, and increased oxidative stress may also contribute to increased cancer risk. Despite many decades of basic research and clinical research and trials of promising new therapies, new drugs, new treatments, cancer is the main cause of morbidity and mortality. Cancers are a broad range of diseases. Research on the chemo preventive potential of non-steroidal anti-inflammatory drugs. Further research, some of which possibilities are identified, is recommended EUROCANCERCOMS project discusses how the Internet has changed communication by cancer researchers and how it is the potential to change it still more in the future. Cancer is one of the most dreadful diseases all over the world that can cause death. Cancer could be treated with different methods such as surgery, chemotherapy or radiotherapy. Cancer is characterized by proliferation of cells that have managed to evade 2 central endogenous control mechanisms. look through and choose the most thorough and pertinent clinical trials, translational papers, research pieces, and reviews of publications on immunology and precision oncology cancer. The papers were chosen and ranked according to their uniqueness and possible therapeutic utility. Cancer is the uncontrolled growth and development of cells in the body and is one of the foremost reasons of death throughout the world. Methodology: In this review study, various techniques in cancer treatment especially radiotherapy modalities including three dimensional radiation therapy, intensity modulated radiation therapy, image guided radiation therapy, intra operative radiotherapy, stereotactic methods and brachytherapy are reviewed and discussed.*

Keywords: Cancer, Leukemia, Harmon, Genes, Radiotherapy, Chemotherapy, cell division, surgery.