

Cancer is a group of diseases characterized by the uncontrolled growth and spread of abnormal cells. If the spread is not controlled, it can result in death. Cancer is caused by external factors, such as tobacco, infectious organisms, and an unhealthy diet, and internal factors, such as inherited genetic mutations, hormones, and immune conditions. These factors may act together or in sequence to cause cancer. Ten or more years often pass between exposure to external factors and detectable cancer. Worldwide, one in seven deaths is due to cancer; cancer causes more deaths than AIDS, tuberculosis, and malaria combined. When countries are grouped according to income, cancer is the second leading cause of death in high-income countries with cardiovascular diseases and the third leading cause of death in low and middle-income countries with cardiovascular diseases and infectious and parasitic diseases. According to estimates from the International Agency for Research on Cancer (IARC), there were 14.1 million new cancer cases in 2012 worldwide, of which 8 million occurred in economically developing countries, which contain about 82% of the world's population.



Sapavat Madhavi
Rudraraju Ramesh Raju

Dr. Sapavat Madhavi completed her M.Sc Chemistry from Koti Womens college, Osmania University, Hyderabad. She awarded Ph.D Chemistry from Acharya Nagarjuna University, Nagarjuna Nagar, Andhra Pradesh, India. She working as Lecturer at Department of Chemistry, S.R.R. & C.V.R. Govt. Degree College, Vijayawada, Andhra Pradesh, India.



Madhavi, Ramesh Raju

Synthesis and Anticancer Evaluation of Some Heterocyclic Systems

Synthesis and anti-cancer evaluation of Oxadiazoles,
chalcone incorporated quinazoline, pyridine
incorporated chalcones

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