



**MICROBIOLOGISTS SOCIETY, INDIA STUDENT CHAPTER,
Department of Biotechnology,
KLEF, Vaddeswaram, Guntur, Andhra Pradesh**

Guest Lectures

Dr. V.R. Gogineni, Dept. of Radiology, University of Wisconsin, USA

Date, Time & Venue: 14th March 2023, Peacock Hall

Cancer, also called malignancy, is an abnormal growth of cells. There are more than 100 types of cancer, including breast cancer, skin cancer, lung cancer, colon cancer, prostate cancer, and lymphoma. Symptoms vary depending on the type. Cancer treatment may include chemotherapy, radiation, and/or surgery. The speaker focused on detecting the earlier cancer is diagnosed and treated, the better the chance of its being cured. Some types of cancer -- such as those of the skin, breast, mouth, testicles, prostate, and rectum -- may be detected by routine self-exam or other screening measures before the symptoms become serious. Most cases of cancer are detected and diagnosed after a tumor can be felt or when other symptoms develop. In a few cases, cancer is diagnosed.

Cancer Support

Supportive care from nurses and other professionals should accompany cancer treatment. The goal is to relieve pain and other symptoms, maintain general health, improve quality of life, and provide emotional, psychological, and logistical support to patients and their families. Similar supportive treatment is available to rehabilitate patients after curative treatment. Supportive therapy such as hospice care for cancer patients nearing the end of their lives provides relief from pain and other irreversible symptoms. Most mainstream care is geared toward providing supportive treatment through the broad resources of a cancer treatment center. Complementary cancer therapies, which are generally provided outside a hospital, can also provide supportive care



On 14th of March 2023, Department of Biotechnology conducted guest lecture. Dr. V R Gogineni from Dept. of Radiology, Medical College of Wisconsin, USA has delivered a lecture on “Theranostics in Interventional Oncology” during his lecture he highlighted that Theranostics are relatively new branch of medicine, refers to procedures combining diagnosis and treatment, often based on patient and disease-specific features or molecular markers. Theranostics to provide minimally invasive procedures tailored to the patient’s characteristics. While addressing the participants, the convener and co-convener of the conference (Dr. Giridhar K, Dr. Praveen Kumar V, respectively) has said that the guest lecture intends to strengthen the international and industrial collaborations to the department. Further, it provides an understanding of the market size of biotech industry to all the participants. All the faculty of the department and students participated in the guest lecture.

Dr.V.Praveen Kumar

I/C PSA - BT

Dr.K.Giridhar

HoD-BT