



Oncology and Cancer Science is the major tools for the development of health basic need of daily life as well as to control the different types of cancer diseases in the world.

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**Abstract:**

The aims of presentation consist of oncology, cancer science, health, life and cancer diseases were studied and reported that Oncology and Cancer Science is the major tools for the development of health basic need of daily life as well as to control the different types of cancer diseases in the world. The study reported that the word oncology consist of two parts i.e “onco” means bulk, mass, or tumor while “logy” means study. Therefore oncology is known is the study of cancer and it tremens of medical science. In other words, oncology means the branch of science that deals with the tumor and cancer. The study also reported that oncology is the study of cancer and its treatment in medical science. The study further reported that cancer is a group of more than 100 different disease. For main types of cancer are i. Carcinomas (Lung Cancer, Breast Cancer) ii. Sarcomas (Fat, muscles, blood, bone) iii. Leukemia iv. Lymphomas. In other words, that cancer is a very serious disease which can developed almost anywhere in the body. The most important oncology diagnostic remains the clinical history of the patient, common symptoms that point towards cancer include fatigue, weight loss, unexplained anemia, fever of unknown origin etc. Oncology depends on diagnostic tools like biopsy or removal of bits of the tumors tissue and examining it under the microscope. Other diagnostic tools include endoscopy for the gastrointestinal tract, imaging studies like X-rays, CT scanning, MRI scanning, ultrasound and



other radiological techniques, Scintigraphy, Single Photon Emission Computed Tomography, Positron emission tomography and nuclear medicine techniques etc. The oncologist’s role including explaining the cancer diagnosis and stage to the patient. In the light of the above study, it is proposed to commercialize the Oncology and Cancer Science for the development of health basic need of daily life as well as to control the different types of cancer diseases in the world.

**Biography:**

Mr. Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 35 years with senior level experience on research and development of integrated agricultural production, industries, biotechnology and bioenergy on a sustainable way.

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