

## Editorial Note on Lung Cancer

Shikha S\*

Department of Biotechnology, V. G. Shivdare College, Solapur, Maharashtra, India

### Corresponding Author\*

Shikha S

Professor, Department of Biotechnology, V. G. Shivdare College, Solapur, Maharashtra, India

**E-mail:** Sshikhare17@gmail.com

**Telephone:** 7385961608

**Copyright:** 2021 Shikha S. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

**Received:** 22 April 2021; **Accepted:** 23 April 2021; **Published:** 24 April 2021

### Editorial Note

It is a malignant lung tumor characterized by uncontrolled cell growth in tissues of the lung. If left untreated, this growth can spread beyond the lung by process of metastasis into nearby tissue or other parts of the body. As lung cancer stages advance, lung cancer symptoms include coughing, wheezing, shortness of breath, and bloody mucus. Treatment includes surgery, chemotherapy, and/or radiation. Case reports should include relevant positive and negative findings from history, examination and investigation, and can include clinical photographs, provided these are accompanied by written consent to publish from the patients..

The survival rate also depends on where the cancer first develops. For example, if laryngeal cancer first develops in the vocal cords, the person has an 80% or better chance of survival. If the cancer first shows up in the mouth, the survival rate is much lower. Cancer is one of the most life-threatening diseases and serious public health problems in both developed and developing countries. The major events include transformation, dysregulation of apoptosis, proliferation, invasion, angiogenesis, and metastasis. Patients suffering from cancers of various organs are increasingly exploring the benefits of alternative medicine, primarily because they experience side effects due to usage of modern anticancer drugs or wish to try new therapies in the hope of getting better.

The plant has been used in traditional medicine since ages in various parts of the world. A number of alkaloids isolated from this plant are already in clinical use, e.g. ajmalicine-an antihypertensive alkaloid, and vincristine and vinblastine-the antineoplastic bisindole alkaloids. Drugs used in the treatment of most cancers are those that can interfere with cell signaling, like growth factor signaling, prostaglandin production, inflammation, drug resistant gene products, cell cycle proteins, angiogenesis, invasion, anti-apoptosis, cellular proliferation and many others.

As modern chemistry developed, chemicals and various constituents were isolated from medicinal herbs. These phyto-constituents have served either as drugs that are being used widely today or as starting materials for their synthesis. Modern medicines derived from herbs are gaining attention throughout the world today. Potential of modern pharmacology that has played a supportive role in making drugs safer and more Medicinal plants are playing an important role as a source of effective anticancer agents and it is significant that 60% of currently used anticancer agents are derived from natural sources including plants. Many plant-derived products have been reported to exhibit potent antitumor activity against several rodent and human cancer cell lines. Having said that, here are some things that are helpful to discuss during your first appointment: What is my diagnosis and how soon do I need to start therapy? What are my treatment options, what's involved, and how long will each treatment take? What are the benefits of the recommended treatment

Lung cancer happens when cells in the lung change (mutate). They grow uncontrollably and cluster together to form a tumor. Lung cells most often change because they are exposed to dangerous chemicals that we breathe. There are two main types of lung cancer, small cell lung cancer and non-small cell lung cancer..