

## A Short Note on Chemotherapy

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On behalf of the Board of the Chemotherapy: Open Access my co-editors, I am glad to introduce the Volume 09, Issue 1 of the journal. The journal established in 2012 with 6 issues in that year has now published 8 volumes and is running the 9 volume. It is time to have a glance at the journal as truly international and continue to assiduous to help the journal in climbing up the ranking ladder with great number of informative and within scope manuscripts.

Hope this year makes a remarkable spot in the annals of the journal as it includes some very knowledge gaining manuscripts within scope of journal. To get best advantage out of this development, we encourage more types of articles besides, regular research, review or commentary articles. Chemotherapy: Open Access (CMT) deals with various types of therapeutic techniques such as Cytotoxic, Electro, and the antimicrobial chemotherapies used to treat several dreadful diseases, particularly Cancer. It also accepts articles on immune suppressant and its application along with different aspects of chemotherapy research and chemotherapy reviews. This scientific journal includes a wide range of fields in its discipline to create a platform for the authors to make their contribution towards the journal.

Chemotherapy is an aggressive form of chemical drug therapy meant to destroy rapidly growing cells in the body. It's usually used to treat cancer, as cancer cells grow and divide faster than other

cells. A doctor who specializes in cancer treatment is known as an oncologist. Chemotherapy treatment varies in length and frequency and depends on the individual treatment plan prescribed by your doctor. Some last as long as three or four hours, while others may only take a half-hour. Your doctor can provide an estimate of the time involved during your first consultation.

As insights into the molecular pathways governing cell growth and cell death have been gained, so have the identities of specific components regulating those pathways and their promise as targets for cancer therapy. The rationale behind targeting individual components, ideally those uniquely expressed (selectively over-expressed) or heavily relied upon in cancer cells/tumors, is that cytotoxicity will be selective/specific for such cells, thus limiting potentially harmful side effects. Some chemotherapy drugs can cause painful side effects, such as aching in the muscles and joints, headaches and stomach pains. Pain may be felt as burning, numbness, tingling or shooting pains in the hands and feet (called peripheral nerve damage). This type of pain can last long after treatment ends. Chemotherapy is used to treat advanced-stage breast cancer by destroying or damaging the cancer cells as much as possible. Because chemotherapy medicines affect the entire body, chemotherapy is commonly used to treat advanced-stage breast cancer.

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