

Tentative Outline

Special Thematic Issue for Anti-Cancer Agents in Medicinal Chemistry

Title: Current Expansions and Future Perspectives in Anticancer Drug Therapy

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Aims and Scope:

Cancer is a dangerous disease in which certain cells in our body grow in an uncontrolled way. Cancer is one of the most prevalent diseases in many countries worldwide. Whilst immense progress has been made in basic cancer biology, and in the development of novel cancer treatments. Cancer remains a second cause of death worldwide, just after cardiovascular diseases according to the Centers for Disease Control and Prevention. The development of novel drugs for cancer treatment is a priority, and indeed this is a very active area of research. Since cancer can affect almost any part of the body, specific treatment strategies are also needed.

Recently, various heterocycles have attracted considerable focus in the field of anticancer research. Anticancer agents derived from plants, and their derivatives have been proven to be effective for cancer prevention and therapeutics. The thematic issue is mainly focused on anticancer agents derived from plants as well as synthetic heterocyclic analogs exhibiting anticancer potential in the development of new drugs and treatments. Furthermore, overview on some crude drugs, marine drugs, and to focus on their beneficial roles, and drug targets in cancer therapy and chemo-prevention. Finally, application of electrophoresis in the management of cancer will be also provided.

Keywords:

Aromatic, Cancer, Chemotherapy, Crude Drugs, Drug Target, Electrophoresis, Heterocyclic, Medicine, New Drugs.

Sub topics:

The subtopics to be covered within this issue are listed below:

- Hetero- Aromatic Scaffold as Potential Anticancer Agent
- Design, Synthesis and evaluation of some azole-based heterocycles as anticancer agents.
- Novel targets for cancer therapy
- Role of Natural Product and Marine Natural Products in the Management of Cancer
- Role of Electrophoresis in the Management of Cancer

Schedule:

Manuscript submission deadline: **February 30, 2020**

Peer Review Due: **April 30, 2020**

Revision Due: **May 30, 2020**

Announcement of acceptance by the Guest Editors: **June 15, 2020**

Final manuscripts Due: **July 30, 2020**

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