Tentative Outline

Anti-Cancer Agents in Medicinal Chemistry

Guest Editor: Assoc.Prof. Danciu Corina - Department of Pharmacognosy, University of Medicine and Pharmacy “Victor Babeș”, Eftimie Murgu Square, No. 2, 300041 Timișoara, România, corina.danciu@umft.ro

TITLE: New approaches to cancer chemoprevention

Aims & Scope: The mini-hot topic issue will include reviews about both natural and chemical compounds used for the chemoprevention of different types of cancer. Mechanism of action will be discussed, including the antiproliferative, pro-apoptotic and inflammation-associated cancerogenesis. A special direction will be held towards mitochondria-targeted anticancer agents. A review of a new modern method of topical administration for antitumor skin active compounds, namely electoporation will be also depicted. The aims & scope of this special issue is to describe the latest news and trends in various types of cancer chemopreventive. An important place in this overview is allocated for skin cancer.

Key words: cancer, natural compounds, immunity, mitochondria, electoporation

Subtopics:
- natural compounds in the chemoprevention of malignant melanoma
- immune pharmacological activity of natural compounds in inflammation-associated cancerogenesis
- steroidal anticancer agents
- electoporation-based antitumor skin therapies
- mitochondria-targeted anticancer agents

Schedule:

Manuscript submission deadline: 1.07.2016

Peer Review Due: 1.08.2016

Revision Due: 1.09.2016

Notification of acceptance by the Guest Editor: 1.10.2016

Tentative Publication Date: May 30, 2018.