# **Special Issue**

# Emerging Trends in Cancer: Biomarkers, Therapeutic Strategies and Future Directions

Message from the Guest Editor

This Special Issue aims to consider emerging trends in cancer research in order to highlight innovative diagnostic and therapeutic strategies while addressing the current challenges and future directions in treatment and management. Research areas may include (but are not limited to) the following topics:

Discovery and validation of novel cancer biomarkers for early detection, prognosis and treatment monitoring.

Advances in understanding the role of cancer stem cells in tumor progression, resistance mechanisms and therapeutic targeting.

Innovations in personalized medicine strategies including genomics, proteomics, metabolomics and tailored therapeutic regimens.

Emerging cancer therapeutic strategies such as targeted therapy, immunotherapy, gene therapy, nanomedicine and combination therapies.

Investigations into the tumor microenvironment, its interactions with cancer cells and implications for treatment response and resistance.

We look forward to receiving your contributions.

### **Guest Editor**

Dr. Nedime Serakinci

Department of Molecular Biology and Genetics, Cyprus International University, Nicosia, Cyprus

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Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

mdpi.com/journal/ biomedicines





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## Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access iournal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

#### Editor-in-Chief

#### Prof. Dr. Felipe Fregni

- Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
- 2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

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