



## The Role of Inflammatory Cytokines in Cancer Progression

Guest Editor:

**Dr. Nadège Kindt**

Department of Clinical and  
Experimental Oncology, Institut  
Jules Bordet, Université Libre de  
Bruxelles, 1000 Brussels, Belgium

Deadline for manuscript  
submissions:

**closed (30 September 2022)**

### Message from the Guest Editor

Cancer's inflammatory microenvironment is a complex network formed by diverse types of cells, most notably responsible for the release of cytokines, supporting cancer development. Besides stimulating cell proliferation, cytokines are responsible for cancer progression through the use of tumor immune escape, the recruitment of tumor-supportive stromal cells and immunosuppressive cells, angiogenesis and metastasis induction, contributing to the alteration of therapeutic agents' responses.

This Special Issue comprehensively explores the implication of inflammatory cytokines during the different steps of cancer progression, including cell proliferation, tumor immune escape, angiogenesis and metastasis. Moreover, the aim of this Special Issue is also to understand the involvement of inflammatory cytokines in cancer therapy resistance and, on the other hand, to investigate new potential therapy targeting cytokines. Reviews and original papers discussing these points are welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. 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

## Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPUS / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

## Contact Us

*Biomedicines* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](http://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
[X@Biomed\\_MDPI](#)