





an Open Access Journal by MDPI

# Tumor Microenvironment and Actin Cytoskeleton in Cancer Cell Metastasis

Guest Editors:

## Prof. Dr. Triantafyllos Stylianopoulos

Cancer Biophysics Laboratory, Department of Mechanical and Manufacturing Engineering, University of Cyprus, Nicosia 2109, Cyprus

#### Dr. Vasiliki Gkretsi

Cancer Metastasis and Adhesion Laboratory, Basic and Translational Cancer Research Center (BTCRC), European University Cyprus, 2404 Nicosia, Cyprus

Deadline for manuscript submissions:

closed (30 June 2021)

## **Message from the Guest Editors**

Dear Colleagues,

Most cancer-related deaths are not due to the primary tumor but, rather, due to the dissemination of cancer cells to other sites of the body through a process known as metastasis. For metastasis to take place, cells need to properly regulate their adhesion both to the extracellular matrix and the neighboring cells, as well as to coordinate actin cytoskeleton dynamics, to be able to finally detach from the original tumor mass, migrate, and invade through adjacent normal tissue to eventually reach another environment and establish a new metastatic colony there. Despite active research efforts in the field, there are still questions to be answered in order to better understand the cellular and molecular mechanisms governing cancer cell metastasis and the involvement of actin-related proteins in the process. This Special Issue of IJMS will cover a variety of topics with regard to the involvement of tumor microenvironment and actin cytoskeleton in cancer cell metastasis.

Prof. Triantafyllos Stylianopoulos Dr. Vasiliki Gkretsi *Guest Editors* 



**Special**sue









an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

## Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

#### **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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

### **Contact Us**