

Special Issue

Cutting-Edge Research for Cancer Stem Cells

Message from the Guest Editor

Cancer stem cells (CSCs) are a small but important group of cells within tumors which contribute to cancer growth, metastasis, relapse, and resistance to treatments. These cells can renew and adapt, playing a significant role in therapy resistance and cancer spread. Despite new treatments, CSCs can resist standard therapies, making it critical to find new ways to target them. This Special Issue invites cutting-edge research that focuses on CSC biology, utilizing techniques such as single-cell sequencing, CRISPR/Cas9, and patient-derived organoids to explore new treatment possibilities. We welcome original research and reviews on how CSCs resist treatment, interact with the immune system, and shape their tumor microenvironment, along with new therapies aimed against CSCs. Together, we hope to share new discoveries that can help advance future cancer therapies.

Guest Editor

Dr. Suryavathi Viswanadhapalli

Department of Obstetrics and Gynecology, UT Health San Antonio, San Antonio, TX 78229, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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