



Molecular Advances in Colorectal Cancer

Guest Editors:

Prof. Dr. Josefa León

Biosanitary Research Institute,
ibs.Granada, 18012 Granada,
Spain

Dr. María Isabel Rodríguez

Department of Biochemistry and
Molecular Biology III and
Immunology, University of
Granada, Granada, Spain

Deadline for manuscript
submissions:

closed (15 April 2023)

Message from the Guest Editors

Colorectal cancer (CRC) is one of the most common malignant tumors. Despite the improved prevention and detection of this disease, its prognosis has currently not changed, and more than 50% of patients will develop liver metastases during their disease, which represent the main cause of morbidity and mortality. Local recurrence (LR) at the first site of disease is much less common, constituting 10 to 20% of all relapses. Another important issue in CRC is the intrinsic or acquired resistance to treatments. Great effort has been made to identify patients with unfavourable prognosis that may benefit from adjuvant therapy. However, to date, therapy in CRC is used only if there are metastases. The choice of target agents for colorectal cancer therapy is limited, and their efficiency is not always compelling. Even in patients with similar clinical or pathologic features, their survival outcomes vary. Therefore, the discovery of new molecular markers to improve the prognosis and prediction of the adjuvant treatment regimens that enable personalized cancer therapies are urgently needed.





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

International Journal of Molecular
Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI