

Special Issue

Role of EGFR in Colorectal Cancer

Message from the Guest Editor

Colorectal cancer (CRC) remains a significant global health burden. The epidermal growth factor receptor (EGFR) is a well-established target in cancer therapy, and its role in CRC is a topic of ongoing investigation. This Special Issue of the *International Journal of Molecular Science* aims to provide a comprehensive overview of the current knowledge on EGFR in CRC and its potential for therapeutic intervention. Topics of Interest:

- EGFR overexpression and signaling pathways in CRC progression;
- The impact of RAS mutations on the efficacy of EGFR-targeted therapies;
- Novel strategies for targeting EGFR in CRC, including new drug combinations and personalized medicine approaches;
- Biomarkers for predicting response to EGFR-targeted therapy;
- Clinical trials of EGFR inhibitors in CRC;
- Resistance mechanisms to EGFR-targeted therapies and strategies for overcoming resistance;
- The role of the tumor microenvironment in EGFR signaling in CRC.

Guest Editor

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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.

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