

Special Issue

Precision Medicine and Tumor Microenvironment in Colorectal Cancer: Genetics, Biomarkers, and Personalized Models

Message from the Guest Editor

This Special Issue will represent a multidisciplinary forum for the dissemination of innovative research focused on the integration of molecular profiling, microenvironmental characterization, and personalized models in CRC.

For this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to, the following:

- Genetic and epigenetic determinants of CRC heterogeneity;

- Predictive, prognostic, and diagnostic biomarkers;

- Tumor microenvironment, immune contexture, inflammation, and stromal biology;

- Microbiota–tumor interactions;

- Liquid biopsy and minimal residual disease;

- Multi-omics and spatially resolved analyses;

- Radiomics, digital pathology, and artificial intelligence;

- Mechanisms of response and resistance to targeted therapies and immunotherapy;

- Patient-derived organoids, xenografts, organ-on-chip systems, and co-culture models;

- Biomarker-driven and personalized therapeutic strategies in CRC.

Guest Editor

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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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