

Special Issue

Robotic and Laparoscopic Surgery in Colorectal Cancer: Current Trends and Future Perspectives

Message from the Guest Editors

Minimally invasive approaches have transformed colorectal cancer surgery over the past two decades. Laparoscopic techniques are now widely accepted as standard of care, offering reduced postoperative pain, shorter recovery, and oncologic outcomes comparable to open procedures. Nevertheless, key questions remain regarding the role and cost-effectiveness of robotic systems, their learning curve, and their impact on perioperative, functional, and long-term oncologic outcomes. This Special Issue seeks to bring together high-quality contributions that examine the current state and future perspectives of robotic and laparoscopic surgery in colorectal cancer. We invite original research articles, systematic reviews, meta-analyses, and perspectives covering topics such as comparative outcomes, patient selection, surgical training, registry-based evidence, cost-effectiveness, technological innovations, and patient-reported outcomes. Our goal is to provide readers with an overview of minimally invasive colorectal surgery and to stimulate discussion on how best to integrate technological advances into clinical practice for the benefit of patients worldwide.

Guest Editors

Prof. Dr. Felix Aigner
Prof. Dr. Quentin Denost
Dr. Barbara Noiret

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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