



Cellular Mechanism and Immune Response of Colorectal Cancer

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Message from the Guest Editors

Colorectal cancer (CRC) is one of the most common malignancies worldwide. During tumor development, cell-cell adhesion is the key factor in maintaining the primary tumor. The loss of cell-cell adhesion capacity allows malignant cells to dissociate from the primary tumor, migrate through the blood stream, and invade into the tissues of secondary locations, leading to the formation of metastatic tumors in distant organs. Growing evidence suggests that dysregulation of cell adhesion molecules (CAMs) and evasion of immune surveillance enhances the potential for metastatic spread of tumor cells. Expression of programmed cell death ligand-1 (PD-L1) employed by tumor cells promotes immune evasion through suppression of the T-cell immune function. Therefore, a better understanding of the functional and biochemical mechanisms involved in cell-cell adhesion defects and impaired immune anti-tumor activity is crucial for developing new treatment strategies and markers predictive of colorectal cancer metastasis. This SI invite original manuscripts and reviews that focus on the molecular basis and advances of cell-cell adhesion and immune response in CRC progression and metastasis.





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Message from the Editor-in-Chief

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