

Biomarkers in colorectal cancer: Current clinical utility

World Journal of Clinical Cases

6, 869-881

DOI: [10.12998/wjcc.v6.i15.869](https://doi.org/10.12998/wjcc.v6.i15.869)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A pair-wise meta-analysis highlights circular RNAs as potential biomarkers for colorectal cancer. <i>BMC Cancer</i> , 2019, 19, 957.	1.1	16
2	The Oncogene AF1Q is Associated with WNT and STAT Signaling and Offers a Novel Independent Prognostic Marker in Patients with Resectable Esophageal Cancer. <i>Cells</i> , 2019, 8, 1357.	1.8	6
3	DNA methylation biomarkers in stool for early screening of colorectal cancer. <i>Journal of Cancer</i> , 2019, 10, 5264-5271.	1.2	45
4	Tumor Infiltrating Lymphocytes and Macrophages Improve Survival in Microsatellite Unstable Colorectal Cancer. <i>Scientific Reports</i> , 2019, 9, 13455.	1.6	80
5	High expression of meningioma 1 is correlated with reduced survival rates in colorectal cancer patients. <i>Acta Histochemica</i> , 2019, 121, 628-637.	0.9	7
6	Early detection of colorectal cancer based on presence of methylated syndecan-2 (SDC2) in stool DNA. <i>Clinical Epigenetics</i> , 2019, 11, 51.	1.8	91
7	Surgical approach and geriatric evaluation for elderly patients with colorectal cancer. <i>Updates in Surgery</i> , 2019, 71, 411-417.	0.9	14
8	Prognostic value of non-invasive serum Cytokeratin 18 detection in gastrointestinal cancer: a meta-analysis. <i>Journal of Cancer</i> , 2019, 10, 4814-4823.	1.2	2
9	A gas chromatography-mass spectrometry (GC-MS) metabolomic approach in human colorectal cancer (CRC): the emerging role of monosaccharides and amino acids. <i>Annals of Translational Medicine</i> , 2019, 7, 727-727.	0.7	28
10	Positive Correlation Between Somatic Mutations in RAS Gene and Colorectal Cancer in Telangana Population: Hospital-Based Study in a Cosmopolitan City. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 703-711.	1.4	5
11	DNA methylation and gene expression profiles characterize epigenetic regulation of lncRNAs in colon adenocarcinoma. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2406-2415.	1.2	18
12	Energy Restriction and Colorectal Cancer: A Call for Additional Research. <i>Nutrients</i> , 2020, 12, 114.	1.7	31
13	Playing the genome card. <i>Journal of Neurogenetics</i> , 2020, 34, 189-197.	0.6	2
14	Tissue and Cell-Free DNA-Based Epigenomic Approaches for Cancer Detection. <i>Clinical Chemistry</i> , 2020, 66, 105-116.	1.5	26
15	Markers of metastatic colorectal cancer. <i>Przeład Gastroenterologiczny</i> , 2020, 15, 94-97.	0.3	1
16	EMAST frequency in colorectal cancer: a meta-analysis and literature review. <i>Biomarkers in Medicine</i> , 2020, 14, 1021-1030.	0.6	3
17	A Review of GC-Based Analysis of Non-Invasive Biomarkers of Colorectal Cancer and Related Pathways. <i>Journal of Clinical Medicine</i> , 2020, 9, 3191.	1.0	15
18	NRAS mutant E132K identified in young-onset sporadic colorectal cancer and the canonical mutants G12D and Q61K affect distinct oncogenic phenotypes. <i>Scientific Reports</i> , 2020, 10, 11028.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Identification of key genes involved in JAK/STAT pathway in colorectal cancer. <i>Molecular Immunology</i> , 2020, 128, 287-297.	1.0	10
20	Gut Microbiota and Colorectal Cancer Development: A Closer Look to the Adenoma-Carcinoma Sequence. <i>Biomedicines</i> , 2020, 8, 489.	1.4	50
21	Angiogenesis-Related Functions of Wnt Signaling in Colorectal Carcinogenesis. <i>Cancers</i> , 2020, 12, 3601.	1.7	32
22	The Liquid Biopsy in the Management of Colorectal Cancer: An Overview. <i>Biomedicines</i> , 2020, 8, 308.	1.4	44
23	High expression of long non-coding RNA Linc-A associates with poor survival in patients with colorectal cancer. <i>Molecular Biology Reports</i> , 2020, 47, 7497-7504.	1.0	2
24	<p>The Bacterial Microbiota of Gastrointestinal Cancers: Role in Cancer Pathogenesis and Therapeutic Perspectives</p>. <i>Clinical and Experimental Gastroenterology</i> , 2020, Volume 13, 151-185.	1.0	18
25	Genomic Profiling of Stage II Colorectal Cancer Identifies Candidate Genes Associated with Recurrence-Free Survival, Tumor Location, and Differentiation Grade. <i>Oncology</i> , 2020, 98, 575-582.	0.9	4
26	New Anti-Cancer Strategy to Suppress Colorectal Cancer Growth Through Inhibition of ATG4B and Lysosome Function. <i>Cancers</i> , 2020, 12, 1523.	1.7	16
27	Aberrant Expression of RAD52, Its Prognostic Impact in Rectal Cancer and Association with Poor Survival of Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1768.	1.8	10
28	Plasma Lysyl-tRNA Synthetase 1 (KARS1) as a Novel Diagnostic and Monitoring Biomarker for Colorectal Cancer. <i>Journal of Clinical Medicine</i> , 2020, 9, 533.	1.0	7
29	L1CAM, CA9, KLK6, HPN, and ALDH1A1 as Potential Serum Markers in Primary and Metastatic Colorectal Cancer Screening. <i>Diagnostics</i> , 2020, 10, 444.	1.3	16
30	Novel MicroRNA Biomarkers for Colorectal Cancer Early Diagnosis and 5-Fluorouracil Chemotherapy Resistance but Not Prognosis: A Study from Databases to AI-Assisted Verifications. <i>Cancers</i> , 2020, 12, 341.	1.7	11
31	Uncovering Tumour Heterogeneity through PKR and nc886 Analysis in Metastatic Colon Cancer Patients Treated with 5-FU-Based Chemotherapy. <i>Cancers</i> , 2020, 12, 379.	1.7	12
32	<p>Matrix Stiffness and Colorectal Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 2747-2755.	1.0	42
33	The influence of PD-L1 genetic variation on the prognosis of R0 resection colorectal cancer patients received capecitabine-based adjuvant chemotherapy: a long-term follow-up, real-world retrospective study. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 969-978.	1.1	6
34	New advances in the clinical management of RAS and BRAF mutant colorectal cancer patients. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 65-79.	1.4	4
35	Prediction of novel miRNA biomarker candidates for diagnostic and prognostic analysis of STAD and LIHC: An integrated in silico approach. <i>Informatics in Medicine Unlocked</i> , 2021, 24, 100581.	1.9	3
36	Exosomal Biomarkers in Colorectal Cancer. , 2021, , 101-122.		1

#	ARTICLE	IF	CITATIONS
37	<i>In vivo</i> study of a novel, safe, rapid, and targeted red carbon dot probe for recognition of tumors with high expression of folate enzyme. <i>RSC Advances</i> , 2021, 11, 28809-28817.	1.7	6
38	Role of MicroRNA In Situ Hybridization in Colon Cancer Diagnosis. , 2021, , 67-89.		1
39	Novel Epigenetic Eight-Gene Signature Predictive of Poor Prognosis and MSI-Like Phenotype in Human Metastatic Colorectal Carcinomas. <i>Cancers</i> , 2021, 13, 158.	1.7	16
40	HERVs establish a distinct molecular subtype in stage II/III colorectal cancer with poor outcome. <i>Npj Genomic Medicine</i> , 2021, 6, 13.	1.7	17
41	Reg4 and its downstream transcriptional activator CD44ICD in stage II and III colorectal cancer. <i>Oncotarget</i> , 2021, 12, 278-291.	0.8	6
42	In oxygen-deprived tumor cells ERp57 provides radioprotection and ensures proliferation via c-Myc, PLK1 and the AKT pathway. <i>Scientific Reports</i> , 2021, 11, 7199.	1.6	9
43	A 10-gene-methylation-based signature for prognosis prediction of colorectal cancer. <i>Cancer Genetics</i> , 2021, 252-253, 80-86.	0.2	5
44	Employing machine learning and microscopy images of AIB1 stained biopsy material to assess the 5-year survival of patients with colorectal cancer. <i>Microscopy Research and Technique</i> , 2021, 84, 2421-2433.	1.2	2
45	The clinical relevance of gene expression based prognostic signatures in colorectal cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188513.	3.3	56
46	Models Based on Dynamic Clinicopathological Indices for Predicting Prognosis During the Perioperative Period for Patients with Colorectal Cancer. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1591-1601.	1.6	4
47	Carbon Based Nanodots in Early Diagnosis of Cancer. <i>Frontiers in Chemistry</i> , 2021, 9, 669169.	1.8	8
48	Advances in Early Detection of Colorectal Cancer: A Focus on Non-invasive Biomarkers. <i>Current Drug Targets</i> , 2021, 22, 1043-1053.	1.0	2
49	Colon Cancer: What's New?. <i>Medical Journal of Southern California Clinicians</i> , 2021, , 12-16.	0.2	0
50	Identification and Validation of a Four-Long Non-coding RNA Signature Associated With Immune Infiltration and Prognosis in Colon Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 671128.	1.1	10
51	Beyond Colonoscopy: Exploring New Cell Surface Biomarkers for Detection of Early, Heterogenous Colorectal Lesions. <i>Frontiers in Oncology</i> , 2021, 11, 657701.	1.3	5
52	High expression of DNA damage-inducible transcript 4 (DDIT4) is associated with advanced pathological features in the patients with colorectal cancer. <i>Scientific Reports</i> , 2021, 11, 13626.	1.6	15
53	Advances in colorectal cancer genomics and transcriptomics drive early detection and prevention. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 137, 106032.	1.2	5
54	CRISPR/Cas13-Based Platforms for a Potential Next-Generation Diagnosis of Colorectal Cancer through Exosomes Micro-RNA Detection: A Review. <i>Cancers</i> , 2021, 13, 4640.	1.7	15

#	ARTICLE	IF	CITATIONS
55	Correlations between colorectal cancer biomarkers. <i>Oncolog-Hematolog Ro</i> , 2021, 2, 26.	0.0	0
56	Mechanisms of resveratrol in the prevention and treatment of gastrointestinal cancer. <i>World Journal of Clinical Cases</i> , 2020, 8, 2425-2437.	0.3	22
57	Metastatic Colorectal Cancer: Prognostic and Predictive Factors. <i>Current Medicinal Chemistry</i> , 2020, 27, 2779-2791.	1.2	4
58	High-risk symptoms and quantitative faecal immunochemical test accuracy: Systematic review and meta-analysis. <i>World Journal of Gastroenterology</i> , 2019, 25, 2383-2401.	1.4	38
59	Precision medicine for gastrointestinal cancer: Recent progress and future perspective. <i>World Journal of Gastrointestinal Oncology</i> , 2019, 12, 1-20.	0.8	31
60	The E2F family as potential biomarkers and therapeutic targets in colon cancer. <i>PeerJ</i> , 2020, 8, e8562.	0.9	33
61	Overview of microRNAs as liquid biopsy biomarkers for colorectal cancer sub-type profiling and chemoresistance. , 2021, 4, 934-945.		3
62	Epigenetic Aging and Colorectal Cancer: State of the Art and Perspectives for Future Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 200.	1.8	5
64	Histopathological diagnosis of CRC. , 2022, , 149-156.		0
65	Tumor Profiling. , 2020, , 319-327.		0
66	Novel Methylation Biomarkers for Colorectal Cancer Prognosis. <i>Biomolecules</i> , 2021, 11, 1722.	1.8	21
67	Metadherin (AEG-1/MTDH/LYRIC) expression: Significance in malignancy and crucial role in colorectal cancer. <i>Advances in Clinical Chemistry</i> , 2022, 106, 235-280.	1.8	15
68	Identification of Molecular Subtypes and a Prognostic Signature Based on Inflammation-Related Genes in Colon Adenocarcinoma. <i>Frontiers in Immunology</i> , 2021, 12, 769685.	2.2	35
69	MicroRNA-199b Deregulation Shows Oncogenic Properties and Promising Clinical Value as Circulating Marker in Locally Advanced Rectal Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2203.	1.8	3
70	Bacterial Involvement in Progression and Metastasis of Colorectal Neoplasia. <i>Cancers</i> , 2022, 14, 1019.	1.7	15
72	Biosensors and nanotechnology for cancer diagnosis (lung and bronchus, breast, prostate, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	22
73	A Cross-Sectional Study for Evaluation of KRAS and BRAF Mutations by Reverse Dot Blot, PCR-RFLP, and Allele-Specific PCR Methods Among Patients with Colorectal Cancer.. <i>Avicenna Journal of Medical Biotechnology</i> , 2021, 13, 183-191.	0.2	0
74	Diagnostic and therapeutic biomarkers in colorectal cancer: a review.. <i>American Journal of Cancer Research</i> , 2022, 12, 661-680.	1.4	0

#	ARTICLE	IF	CITATIONS
75	Berberine as a Potential Agent for the Treatment of Colorectal Cancer. <i>Frontiers in Medicine</i> , 2022, 9, 886996.	1.2	12
76	Loss of CHGA Protein as a Potential Biomarker for Colon Cancer Diagnosis: A Study on Biomarker Discovery by Machine Learning and Confirmation by Immunohistochemistry in Colorectal Cancer Tissue Microarrays. <i>Cancers</i> , 2022, 14, 2664.	1.7	5
77	Diagnostic and prognostic biomarkers in colorectal cancer and the potential role of exosomes in drug delivery. <i>Cellular Signalling</i> , 2022, 99, 110413.	1.7	7
78	Prognostic Impact of TP53 Mutations and Tumor Mutational Load in Colorectal Cancer. <i>Gastrointestinal Disorders</i> , 2022, 4, 165-179.	0.4	3
79	Regulation of transforming growth factor- β signaling as a therapeutic approach to treating colorectal cancer. <i>World Journal of Gastroenterology</i> , 2022, 28, 4744-4761.	1.4	6
80	Evaluation of BRAF-V600E gene mutation in colon tissue of patients with colorectal cancer in Iran. <i>Medical Sciences Journal</i> , 2022, 32, 303-310.	0.1	0
81	Magnetic Nanoparticle-Based Electrochemical Sensing Platform Using Ferrocene-Labelled Peptide Nucleic Acid for the Early Diagnosis of Colorectal Cancer. <i>Biosensors</i> , 2022, 12, 736.	2.3	14
82	The role of liver surgery in simultaneous synchronous colorectal liver metastases and colorectal cancer resections: a literature review of 1730 patients underwent open and minimally invasive surgery. <i>Minerva Surgery</i> , 2022, 77, .	0.1	8
83	Biomarker testing communication, familiarity, and informational needs among people living with breast, colorectal, and lung cancer. <i>Patient Education and Counseling</i> , 2023, 112, 107720.	1.0	2
84	Colon cancer transcriptome. <i>Progress in Biophysics and Molecular Biology</i> , 2023, 180-181, 49-82.	1.4	5