

# Complement 5a Enhances Hepatic Metastases of Colon Chemoattractant Protein-1-mediated Inflammatory Cel

Journal of Biological Chemistry

290, 10667-10676

DOI: [10.1074/jbc.m114.612622](https://doi.org/10.1074/jbc.m114.612622)

Citation Report

#	ARTICLE	IF	CITATIONS
1	AMPK $\beta$ 2 reduces renal epithelial transdifferentiation and inflammation after injury through interaction with CK2 $\beta$ . <i>Journal of Pathology</i> , 2015, 237, 330-342.	2.1	22
2	Phagocytes as Corrupted Policemen in Cancer-Related Inflammation. <i>Advances in Cancer Research</i> , 2015, 128, 141-171.	1.9	81
3	Evasion and interactions of the humoral innate immune response in pathogen invasion, autoimmune disease, and cancer. <i>Clinical Immunology</i> , 2015, 160, 244-254.	1.4	15
4	Association Between Very Small Tumor Size and Increased Cancer-Specific Mortality in Node-Positive Colon Cancer. <i>Diseases of the Colon and Rectum</i> , 2016, 59, 187-193.	0.7	25
5	C5b-9 Staining Correlates With Clinical and Tumor Stage in Gastric Adenocarcinoma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2016, 24, 470-475.	0.6	11
6	Effect of colorectal cancer on the number of normal stem cells circulating in peripheral blood. <i>Oncology Reports</i> , 2016, 36, 3635-3642.	1.2	8
7	Critical role of the C5a-activated neutrophils in high-fat diet-induced vascular inflammation. <i>Scientific Reports</i> , 2016, 6, 21391.	1.6	19
8	High-Fat Diet-Induced Complement Activation Mediates Intestinal Inflammation and Neoplasia, Independent of Obesity. <i>Molecular Cancer Research</i> , 2016, 14, 953-965.	1.5	38
9	Suppression of Ehrlich carcinoma growth by cobra venom factor. <i>Doklady Biological Sciences</i> , 2016, 470, 240-243.	0.2	2
10	Innate immune mediators in cancer: between defense and resistance. <i>Immunological Reviews</i> , 2016, 274, 290-306.	2.8	104
11	Recipient C6 rs9200 genotype is associated with hepatocellular carcinoma recurrence after orthotopic liver transplantation in a Han Chinese population. <i>Cancer Gene Therapy</i> , 2016, 23, 157-161.	2.2	8
12	Triiodo-L-Thyronine Promotes the Maturation of Cardiomyocytes Derived From Rat Bone Marrow Mesenchymal Stem Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 388-393.	0.8	7
13	C5a receptor enhances hepatocellular carcinoma cell invasiveness via activating ERK1/2-mediated epithelial $\rightarrow$ mesenchymal transition. <i>Experimental and Molecular Pathology</i> , 2016, 100, 101-108.	0.9	45
14	The complement system in cancer: Ambivalence between tumour destruction and promotion. <i>Immunobiology</i> , 2017, 222, 45-54.	0.8	92
15	Local endothelial complement activation reverses endothelial quiescence, enabling t-cell homing, and tumor control during t-cell immunotherapy. <i>OncImmunology</i> , 2017, 6, e1326442.	2.1	48
16	Activation of the complement cascade enhances motility of leukemic cells by downregulating expression of HO-1. <i>Leukemia</i> , 2017, 31, 446-458.	3.3	50
17	Cobra Venom Factor and Ketoprofen Abolish the Antitumor Effect of Nerve Growth Factor from Cobra Venom. <i>Toxins</i> , 2017, 9, 274.	1.5	4
18	Potential Mechanisms Underlying TGF- $\beta$ 2-mediated Complement Activation in Lung Fibrosis. <i>Cellular &amp; Molecular Medicine: Open Access</i> , 2017, 03, .	0.4	24

#	ARTICLE	IF	CITATIONS
20	Apigenin inhibits C5a-induced proliferation of human nasopharyngeal carcinoma cells through down-regulation of C5aR. <i>Bioscience Reports</i> , 2018, 38, .	1.1	10
21	Activation of the complement system in an osteosarcoma cell line promotes angiogenesis through enhanced production of growth factors. <i>Scientific Reports</i> , 2018, 8, 5415.	1.6	26
22	Complementing Lung Cancer: How Tumor Cells Co-opt the Host Complement System to Reach Bone. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1101-1103.	2.5	0
23	Complement 5a stimulates macrophage polarization and contributes to tumor metastases of colon cancer. <i>Experimental Cell Research</i> , 2018, 366, 127-138.	1.2	62
24	Combination Strategies on the Basis of Immune Checkpoint Inhibitors in Non-“Small-Cell Lung Cancer: Where Do We Stand?. <i>Clinical Lung Cancer</i> , 2018, 19, 1-11.	1.1	48
25	Complement in cancer: untangling an intricate relationship. <i>Nature Reviews Immunology</i> , 2018, 18, 5-18.	10.6	279
26	C5a induces A549 cell proliferation of non-small cell lung cancer via GDF15 gene activation mediated by GCN5-dependent KLF5 acetylation. <i>Oncogene</i> , 2018, 37, 4821-4837.	2.6	54
27	Plant galactolipid dLGG suppresses lung metastasis of melanoma through deregulating TNF-“mediated pulmonary vascular permeability and circulating oxylipin dynamics in mice. <i>International Journal of Cancer</i> , 2018, 143, 3248-3261.	2.3	13
28	Complement System in Cutaneous Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3550.	1.8	26
29	C5a receptors C5aR1 and C5aR2 mediate opposing pathologies in a mouse model of melanoma. <i>FASEB Journal</i> , 2019, 33, 11060-11071.	0.2	23
30	Integrating proteomics and transcriptomics for the identification of potential targets in early colorectal cancer. <i>International Journal of Oncology</i> , 2019, 55, 439-450.	1.4	15
31	Preoperative serum carcinoembryonic antigen elevation in stage I colon cancer: improved risk of mortality in stage T1 than in stage T2. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1095-1104.	1.0	4
32	Complementing the Cancer-Immunity Cycle. <i>Frontiers in Immunology</i> , 2019, 10, 774.	2.2	136
33	Complement C3a promotes proliferation, migration and stemness in cutaneous squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3097-3107.	1.6	19
34	Complement in Metastasis: A Comp in the Camp. <i>Frontiers in Immunology</i> , 2019, 10, 669.	2.2	23
35	The Angiotensin Receptor Blocker Losartan Suppresses Growth of Pulmonary Metastases via AT1R-Independent Inhibition of CCR2 Signaling and Monocyte Recruitment. <i>Journal of Immunology</i> , 2019, 202, 3087-3102.	0.4	48
36	Role of the complement system in the tumor microenvironment. <i>Cancer Cell International</i> , 2019, 19, 300.	1.8	79
37	Complement anaphylatoxins C3a and C5a: Emerging roles in cancer progression and treatment. <i>Seminars in Cell and Developmental Biology</i> , 2019, 85, 153-163.	2.3	89

#	ARTICLE	IF	CITATIONS
38	Monocyte Chemoattractant Protein-1 promotes cancer cell migration via c-Raf/MAPK/AP-1 pathway and MMP-9 production in osteosarcoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 254.	3.5	27
39	C5aR1 is a master regulator in Colorectal Tumorigenesis via Immune modulation. <i>Theranostics</i> , 2020, 10, 8619-8632.	4.6	37
40	Complement System: Promoter or Suppressor of Cancer Progression?. <i>Antibodies</i> , 2020, 9, 57.	1.2	58
41	Functional Role of Dendritic Cell Subsets in Cancer Progression and Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3930.	1.8	36
42	The unique immune microenvironment of liver metastases: Challenges and opportunities. <i>Seminars in Cancer Biology</i> , 2021, 71, 143-156.	4.3	35
43	C3a and C5a facilitates the metastasis of myeloma cells by activating Nrf2. <i>Cancer Gene Therapy</i> , 2021, 28, 265-278.	2.2	4
44	Prognostic Value of Complement Properdin in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 614980.	2.2	10
45	Integrative Analysis of Complement System to Prognosis and Immune Infiltrating in Colon Cancer and Gastric Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 553297.	1.3	16
46	Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. <i>Nature Cancer</i> , 2021, 2, 218-232.	5.7	34
47	Complementing the Complement: Mechanistic Insights and Opportunities for Therapeutics in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 627701.	1.3	22
48	Type III TGF- $\beta$ 2 Receptor Down-Regulation Promoted Tumor Progression via Complement Component C5a Induction in Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 1503.	1.7	3
49	Complement in Tumorigenesis and the Response to Cancer Therapy. <i>Cancers</i> , 2021, 13, 1209.	1.7	18
50	A Distinct Innate Immune Signature of Early Onset Colorectal Cancer. <i>ImmunoHorizons</i> , 2021, 5, 489-499.	0.8	11
51	Losartan Blocks Osteosarcoma-Elicited Monocyte Recruitment, and Combined With the Kinase Inhibitor Toceranib, Exerts Significant Clinical Benefit in Canine Metastatic Osteosarcoma. <i>Clinical Cancer Research</i> , 2022, 28, 662-676.	3.2	38
52	Properdin Is a Modulator of Tumour Immunity in a Syngeneic Mouse Melanoma Model. <i>Medicina (Lithuania)</i> , 2021, 57, 85.	0.8	3
53	Myeloid cell expressed proprotein convertase FURIN attenuates inflammation. <i>Oncotarget</i> , 2016, 7, 54392-54404.	0.8	30
54	C5a receptor (CD88) promotes motility and invasiveness of gastric cancer by activating RhoA. <i>Oncotarget</i> , 2016, 7, 84798-84809.	0.8	36
55	Enrichment of C5a-C5aR axis predicts poor postoperative prognosis of patients with clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 80925-80934.	0.8	18

#	ARTICLE	IF	CITATIONS
56	A novel multiplex detection array revealed systemic complement activation in oral squamous cell carcinoma. <i>Oncotarget</i> , 2018, 9, 3001-3013.	0.8	12
57	Sexual dimorphism of liver metastasis by murine pancreatic neuroendocrine tumors is affected by expression of complement C5. <i>Oncotarget</i> , 2016, 7, 30585-30596.	0.8	10
58	Characterization of Biomarkers in Colorectal Cancer Liver Metastases as a Prognostic Tool. <i>Journal of Personalized Medicine</i> , 2021, 11, 1059.	1.1	2
61	Complement C5a induces the formation of neutrophil extracellular traps by myeloid-derived suppressor cells to promote metastasis. <i>Cancer Letters</i> , 2022, 529, 70-84.	3.2	51
62	Complement System: An Immunotherapy Target in Colorectal Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 810993.	2.2	16
63	Human Melanoma-Associated Mast Cells Display a Distinct Transcriptional Signature Characterized by an Upregulation of the Complement Component 3 That Correlates With Poor Prognosis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	8
64	Complement activation in cancer: Effects on tumor-associated myeloid cells and immunosuppression. <i>Seminars in Immunology</i> , 2022, 60, 101642.	2.7	9
65	Sensory neuron dysfunction in orthotopic mouse models of colon cancer. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	5
66	The effects of radiation therapy on the macrophage response in cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	12
67	Exosomal proteins as a source of biomarkers in colon cancer-derived peritoneal carcinomatosis – A pilot study. <i>Proteomics - Clinical Applications</i> , 0, , 2100085.	0.8	1
68	Neutrophil-activating therapy for the treatment of cancer. <i>Cancer Cell</i> , 2023, 41, 356-372.e10.	7.7	35
69	The anaphylatoxin C5a: Structure, function, signaling, physiology, disease, and therapeutics. <i>International Immunopharmacology</i> , 2023, 118, 110081.	1.7	8
70	Environmental signals perceived by the brain abate pro-metastatic monocytes by dampening glucocorticoids receptor signaling. <i>Cancer Cell International</i> , 2023, 23, .	1.8	1
71	The role of the complement system in cancer etiology and management. , 2024, , 41-60.e10.		0