Genomic analyses of gynaecologic carcinosarcomas rev chromatin remodelling genes

Nature Communications 5, 5006

DOI: 10.1038/ncomms6006

Citation Report

#	Article	IF	CITATIONS
1	Molecular Pathology and Cytogenetics of Endometrial Carcinoma, Carcinosarcoma, and Uterine Sarcomas. Current Clinical Oncology, 2015, , 85-103.	0.0	0
2	SPOP E3ÂUbiquitin Ligase Adaptor Promotes Cellular Senescence by Degrading the SENP7 deSUMOylase. Cell Reports, 2015, 13, 1183-1193.	2.9	55
3	Conventional Chemotherapy and Oncogenic Pathway Targeting in Ovarian Carcinosarcoma Using a Patient-Derived Tumorgraft. PLoS ONE, 2015, 10, e0126867.	1.1	24
4	Inâ€depth molecular profiling of the biphasic components of uterine carcinosarcomas. Journal of Pathology: Clinical Research, 2015, 1, 173-185.	1.3	70
5	Coexistent ARID1A–PIK3CA mutations promote ovarian clear-cell tumorigenesis through pro-tumorigenic inflammatory cytokine signalling. Nature Communications, 2015, 6, 6118.	5.8	247
6	The cancer COMPASS: navigating the functions of MLL complexes in cancer. Cancer Genetics, 2015, 208, 178-191.	0.2	122
7	Histone Methylation Modifiers in Medical Therapeutics. , 2016, , 705-729.		1
8	A Role for the Chromatinâ€Remodeling Factor <i>BAZ1A</i> ii Neurodevelopment. Human Mutation, 2016, 37, 964-975.	1.1	29
9	Comprehensive mutational analysis of primary and relapse acute promyelocytic leukemia. Leukemia, 2016, 30, 1672-1681.	3.3	99
10	Molecular Pathology. Surgical Pathology Clinics, 2016, 9, 405-426.	0.7	17
11	Genetic Investigation of Uterine Carcinosarcoma: Case Report and Cohort Analysis. Cancer Control, 2016, 23, 61-66.	0.7	14
12	Serous carcinomatous component championed by heparin-binding EGF-like growth factor (HB-EGF) predisposing to metastasis and recurrence in stage I uterine malignant mixed mullerian tumor. Human Pathology, 2016, 53, 159-167.	1.1	1
13	Uterine adenosarcomas are mesenchymal neoplasms. Journal of Pathology, 2016, 238, 381-388.	2.1	94
14	Epigenomic regulation of oncogenesis by chromatin remodeling. Oncogene, 2016, 35, 4423-4436.	2.6	86
15	A panoply of errors: polymerase proofreading domain mutations in cancer. Nature Reviews Cancer, 2016, 16, 71-81.	12.8	292
16	Pharmacological Inhibition of the Histone Lysine Demethylase KDM1A Suppresses the Growth of Multiple Acute Myeloid Leukemia Subtypes. Cancer Research, 2016, 76, 1975-1988.	0.4	89
17	Ibrutinib downregulates a subset of miRNA leading to upregulation of tumor suppressors and inhibition of cell proliferation in chronic lymphocytic leukemia. Leukemia, 2017, 31, 340-349.	3.3	33
18	Genomic insights in gynecologic cancer. Current Problems in Cancer, 2017, 41, 8-36.	1.0	13

#	Article	IF	Citations
19	The NF1 gene in tumor syndromes and melanoma. Laboratory Investigation, 2017, 97, 146-157.	1.7	144
20	Whole-Genome DNA Methylation Profiling Identifies Epigenetic Signatures of Uterine Carcinosarcoma. Neoplasia, 2017, 19, 100-111.	2.3	27
21	SETting the Stage for Cancer Development: SETD2 and the Consequences of Lost Methylation. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a026468.	2.9	60
22	The importance of regulatory ubiquitination in cancer and metastasis. Cell Cycle, 2017, 16, 634-648.	1.3	134
23	The Relationship Between DOT1L, Histone H3 Methylation, and Genome Stability in Cancer. Current Molecular Biology Reports, 2017, 3, 18-27.	0.8	4
24	PBRM1 loss is a late event during the development of cholangiocarcinoma. Histopathology, 2017, 71, 375-382.	1.6	18
25	Next-Generation Sequencing. Advances in Experimental Medicine and Biology, 2017, 943, 119-148.	0.8	54
26	Structural insights into the function of ZRANB3 in replication stress response. Nature Communications, 2017, 8, 15847.	5.8	41
27	miR-200c-driven Mesenchymal-To-Epithelial Transition is a Therapeutic Target in Uterine Carcinosarcomas. Scientific Reports, 2017, 7, 3614.	1.6	22
28	Establishment and characterization of uterine sarcoma and carcinosarcoma patient-derived xenograft models. Gynecologic Oncology, 2017, 146, 538-545.	0.6	16
29	Integrated Molecular Characterization of Uterine Carcinosarcoma. Cancer Cell, 2017, 31, 411-423.	7.7	309
30	Pulmonary Sarcomatoid Carcinomas Commonly Harbor Either Potentially Targetable Genomic Alterations or High Tumor Mutational Burden as Observed by Comprehensive Genomic Profiling. Journal of Thoracic Oncology, 2017, 12, 932-942.	0.5	129
31	Pan-cancer analysis of homozygous deletions in primary tumours uncovers rare tumour suppressors. Nature Communications, 2017, 8, 1221.	5.8	75
32	Aberrant chromatin remodeling in gynecological cancer (Review). Oncology Letters, 2017, 14, 5107-5113.	0.8	8
33	Opposing effects of cancer-type-specific SPOP mutants on BET protein degradation and sensitivity to BET inhibitors. Nature Medicine, 2017, 23, 1046-1054.	15.2	145
34	Molecular-based classification algorithm for endometrial carcinoma categorizes ovarian endometrioid carcinoma into prognostically significant groups. Modern Pathology, 2017, 30, 1748-1759.	2.9	72
35	NSD1 inactivation defines an immune cold, DNA hypomethylated subtype in squamous cell carcinoma. Scientific Reports, 2017, 7, 17064.	1.6	67
36	EZH2 in Cancer Progression and Potential Application in Cancer Therapy: A Friend or Foe?. International Journal of Molecular Sciences, 2017, 18, 1172.	1.8	73

#	Article	IF	Citations
37	Endometrial Cancer Genomics., 2017,, 199-227.		0
38	Insulinâ€ike growth factor 2: a poor prognostic biomarker linked to racial disparity in women with uterine carcinosarcoma. Cancer Medicine, 2018, 7, 616-625.	1.3	5
39	Loss of ARID1A Expression Correlates With Tumor Differentiation and Tumor Progression Stage in Pancreatic Ductal Adenocarcinoma. Technology in Cancer Research and Treatment, 2018, 17, 153303461875447.	0.8	26
40	Optimised ARID1A immunohistochemistry is an accurate predictor of <i>ARID1A</i> mutational status in gynaecological cancers. Journal of Pathology: Clinical Research, 2018, 4, 154-166.	1.3	51
41	Tumor Mutational Burden Guides Therapy in a Treatment Refractory POLE―Mutant Uterine Carcinosarcoma. Oncologist, 2018, 23, 518-523.	1.9	40
42	Development of a personalized therapeutic strategy for ERBB-gene-mutated cancers. Therapeutic Advances in Medical Oncology, 2018, 10, 175883401774604.	1.4	11
43	The rise of a novel classification system for endometrial carcinoma; integration of molecular subclasses. Journal of Pathology, 2018, 244, 538-549.	2.1	172
44	Survey of gynecological carcinosarcomas in families with breast and ovarian cancer predisposition. Cancer Genetics, 2018, 221, 38-45.	0.2	4
45	Genomic profiling identifies <i>GPC5</i> amplification in association with sarcomatous transformation in a subset of uterine carcinosarcomas. Journal of Pathology: Clinical Research, 2018, 4, 69-78.	1.3	9
46	Uterine function in the mouse requires speckle-type poz proteinâ€. Biology of Reproduction, 2018, 98, 856-869.	1.2	10
47	The <i>FOXA2</i> transcription factor is frequently somatically mutated in uterine carcinosarcomas and carcinomas. Cancer, 2018, 124, 65-73.	2.0	27
48	Carcinosarcomas and Related Cancers: Tumors Caught in the Act of Epithelial-Mesenchymal Transition. Journal of Clinical Oncology, 2018, 36, 210-216.	0.8	62
49	Pretreatment Identification of Head and Neck Cancer Nodal Metastasis and Extranodal Extension Using Deep Learning Neural Networks. Scientific Reports, 2018, 8, 14036.	1.6	139
50	Assessing inter-component heterogeneity of biphasic uterine carcinosarcomas. Gynecologic Oncology, 2018, 151, 243-249.	0.6	11
51	Genetic Alterations of TRAF Proteins in Human Cancers. Frontiers in Immunology, 2018, 9, 2111.	2.2	67
52	In vitro effects of <i>FBXW7</i> mutation in serous endometrial cancer: Increased levels of potentially druggable proteins and sensitivity to Slâ€2 and dinaciclib. Molecular Carcinogenesis, 2018, 57, 1445-1457.	1.3	12
53	Establishment and molecular characterization of a human ovarian clear cell carcinoma cell line (FDOV1). Journal of Ovarian Research, 2018, 11, 58.	1.3	5
54	Voxel size and gray level normalization of CT radiomic features in lung cancer. Scientific Reports, 2018, 8, 10545.	1.6	150

#	ARTICLE	IF	CITATIONS
55	Targeted next generation sequencing identified clinically actionable mutations in patients with esophageal sarcomatoid carcinoma. BMC Cancer, 2018, 18, 251.	1.1	18
56	Ovarian Cancers: Genetic Abnormalities, Tumor Heterogeneity and Progression, Clonal Evolution and Cancer Stem Cells. Medicines (Basel, Switzerland), 2018, 5, 16.	0.7	123
57	Epigenetic Dysregulation at the Crossroad of Women's Cancer. Cancers, 2019, 11, 1193.	1.7	11
58	Clinical actionability of molecular targets in endometrial cancer. Nature Reviews Cancer, 2019, 19, 510-521.	12.8	261
59	Molecular Basis of Tumor Heterogeneity in Endometrial Carcinosarcoma. Cancers, 2019, 11, 964.	1.7	54
60	Misidentification of MLL3 and other mutations in cancer due to highly homologous genomic regions. Leukemia and Lymphoma, 2019, 60, 3132-3137.	0.6	5
61	Molecular profiling and molecular classification of endometrioid ovarian carcinomas. Gynecologic Oncology, 2019, 154, 516-523.	0.6	62
62	Clinically relevant molecular subtypes and genomic alteration-independent differentiation in gynecologic carcinosarcoma. Nature Communications, 2019, 10, 4965.	5. 8	82
63	Unique Molecular Features in High-Risk Histology Endometrial Cancers. Cancers, 2019, 11, 1665.	1.7	12
64	New Challenges in Tumor Mutation Heterogeneity in Advanced Ovarian Cancer by a Targeted Next-Generation Sequencing (NGS) Approach. Cells, 2019, 8, 584.	1.8	25
65	Sarcomatoid carcinomas of the gallbladder: clinicopathologic characteristics. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 475, 59-66.	1.4	16
66	Loss of ARID1A in Tumor Cells Renders Selective Vulnerability to Combined Ionizing Radiation and PARP Inhibitor Therapy. Clinical Cancer Research, 2019, 25, 5584-5594.	3.2	80
67	Dysregulation of EMT Drives the Progression to Clinically Aggressive Sarcomatoid Bladder Cancer. Cell Reports, 2019, 27, 1781-1793.e4.	2.9	102
68	Systematic characterization of germline variants from the DiscovEHR study endometrial carcinoma population. BMC Medical Genomics, 2019, 12, 59.	0.7	2
69	Structural Insights into BET Client Recognition of Endometrial and Prostate Cancer-Associated SPOP Mutants. Journal of Molecular Biology, 2019, 431, 2213-2221.	2.0	12
70	MLH1 promoter hypermethylation in uterine carcinosarcoma rarely coexists with TP53 mutation. Wspolczesna Onkologia, 2019, 23, 202-207.	0.7	2
71	Endometrial Cancers in <i>BRCA1</i> or <i>BRCA2</i> Germline Mutation Carriers: Assessment of Homologous Recombination DNA Repair Defects. JCO Precision Oncology, 2019, 3, 1-11.	1.5	19
72	Phosphatidylinositol 3â€kinase pathway genomic alterations in 60,991 diverse solid tumors informs targeted therapy opportunities. Cancer, 2019, 125, 1185-1199.	2.0	36

#	Article	IF	Citations
73	Somatic genetic alterations in synchronous and metachronous lowâ€grade serous tumours and highâ€grade carcinomas of the adnexa. Histopathology, 2019, 74, 638-650.	1.6	11
74	Molecular Genetics of Endometrial Carcinoma. Annual Review of Pathology: Mechanisms of Disease, 2019, 14, 339-367.	9.6	163
75	Genomic Applications in Gynecologic Malignancies. , 2019, , 445-469.		O
76	Coexistence of BRAF V600E and TERT Promoter Mutations in Low-grade Serous Carcinoma of Ovary Recurring as Carcinosarcoma in a Lymph Node. International Journal of Gynecological Pathology, 2019, 38, 386-392.	0.9	2
77	Genomics of gynaecological carcinosarcomas and future treatment options. Seminars in Cancer Biology, 2020, 61, 110-120.	4.3	12
78	Mutational and Immunophenotypic Profiling of a Series of 8 Tubo-ovarian Carcinosarcomas Revealed a Monoclonal Origin of the Disease. International Journal of Gynecological Pathology, 2020, 39, 305-312.	0.9	3
79	Synovial Sarcoma of the Female Genital Tract. American Journal of Surgical Pathology, 2020, 44, 1487-1495.	2.1	11
80	Immunohistochemical evaluation of mismatch repair proteins and p53 expression in extrauterine carcinosarcoma/sarcomatoid carcinoma. Wspolczesna Onkologia, 2020, 24, 1-4.	0.7	5
81	Time for remodeling: SNF2-family DNA translocases in replication fork metabolism and human disease. DNA Repair, 2020, 95, 102943.	1.3	25
82	Replication Fork Remodeling and Therapy Escape in DNA Damage Response-Deficient Cancers. Frontiers in Oncology, 2020, 10, 670.	1.3	13
83	Identification of the Mutational Landscape of Gynecological Malignancies. Journal of Cancer, 2020, 11 , 4870-4883.	1.2	11
84	The genetic landscape of metaplastic breast cancers and uterine carcinosarcomas. Molecular Oncology, 2021, 15, 1024-1039.	2.1	21
85	Is the Oncological Outcome of Early Stage Uterine Carcinosarcoma Different from That of Grade 3 Endometrioid Adenocarcinoma?. Oncology Research and Treatment, 2021, 44, 43-51.	0.8	0
86	Immunohistochemical Markers With Potential Diagnostic, Prognostic, and Therapeutic Significance in Uterine Carcinosarcoma: A Clinicopathologic Study of 43 Cases. International Journal of Gynecological Pathology, 2021, 40, 84-93.	0.9	11
87	Epithelial ovarian cancer: Genomic landscape and evolving precision treatment., 2021, , 1-23.		0
88	Recurrent ZNF83-E293V Mutation Promotes Bladder Cancer Progression through the NF-κB Pathway via Transcriptional Dysregulation of S100A8. Molecular Therapy, 2021, 29, 275-290.	3.7	8
89	A pilot study of radiomics signature based on biparametric MRI for preoperative prediction of extrathyroidal extension in papillary thyroid carcinoma. Journal of X-Ray Science and Technology, 2021, 29, 171-183.	0.7	1
90	Histomolecular features of high-grade endometrial cancers. Minerva Medica, 2021, 112, 20-30.	0.3	3

#	Article	IF	CITATIONS
91	HDAC Inhibition Induces Cell Cycle Arrest and Mesenchymal-Epithelial Transition in a Novel Pleural-Effusion Derived Uterine Carcinosarcoma Cell Line. Pathology and Oncology Research, 2021, 27, 636088.	0.9	5
93	Genetic characterisation of adult primary pleomorphic uterine rhabdomyosarcoma and comparison with uterine carcinosarcoma. Histopathology, 2021, 79, 176-186.	1.6	4
94	Genetic and molecular subtype heterogeneity in newly diagnosed early- and advanced-stage endometrial cancer. Gynecologic Oncology, 2021, 161, 535-544.	0.6	16
95	Predictive and Prognostic Value of Microsatellite Instability in Gynecologic Cancer (Endometrial and) Tj ETQq $1\ 1$	0.784314 1.7	rgBT Overlo
96	Genomic alterations in gynecological malignancies: histotype-associated driver mutations, molecular subtyping schemes, and tumorigenic mechanisms. Journal of Human Genetics, 2021, 66, 853-868.	1.1	5
97	Corded and Hyalinized and Spindled Endometrioid Endometrial Carcinoma. American Journal of Surgical Pathology, 2021, 45, 1038-1046.	2.1	12
98	Genomic Analyses of Metaplastic or Sarcomatoid Carcinomas From Different Organs Revealed Frequent Mutations in KMT2D. Frontiers in Molecular Biosciences, 2021, 8, 688692.	1.6	4
99	Uterine carcinosarcomas: From pathology to practice. Gynecologic Oncology, 2021, 162, 235-241.	0.6	14
100	Rhabdomyoblasts masquerading as histiocytes: A diagnostic pitfall. Diagnostic Cytopathology, 2021, 49, 1056-1058.	0.5	0
101	Two Components of Variant Profiles in Primary Vaginal Carcinosarcoma via Next-Generation Sequencing and a Literature Review. International Journal of Surgical Pathology, 2021, , 106689692110379.	0.4	1
102	Immunohistochemical Biomarkers as a Surrogate of Molecular Analysis in Ovarian Carcinomas: A Review of the Literature. Diagnostics, 2021, 11, 199.	1.3	24
103	Histone methylation modifiers in medical therapeutics. , 2021, , 693-720.		0
104	Fbxw7 is a driver of uterine carcinosarcoma by promoting epithelial-mesenchymal transition. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25880-25890.	3.3	47
105	Macrophage infiltration and genetic landscape of undifferentiated uterine sarcomas. JCI Insight, 2017, 2, .	2.3	15
106	Targeting the TGFÎ ² pathway in uterine carcinosarcoma. Cell Stress, 2020, 4, 252-260.	1.4	7
107	DDR2 overexpression in urothelial carcinoma indicates an unfavorable prognosis: a large cohort study. Oncotarget, 2016, 7, 78918-78931.	0.8	11
108	Genetic landscape of extreme responders with anaplastic oligodendroglioma. Oncotarget, 2017, 8, 35523-35531.	0.8	8
109	Moving forward with actionable therapeutic targets and opportunities in endometrial cancer: NCI clinical trials planning meeting report on identifying key genes and molecular pathways for targeted endometrial cancer trials. Oncotarget, 2017, 8, 84579-84594.	0.8	23

#	Article	IF	CITATIONS
110	Molecular characterization of carcinosarcomas arising in the uterus and ovaries. Oncotarget, 2019, 10, 3614-3624.	0.8	9
111	Preclinical activity of sacituzumab govitecan (IMMU-132) in uterine and ovarian carcinosarcomas. Oncotarget, 2020, 11, 560-570.	0.8	32
112	Prognostic role and implications of mutation status of tumor suppressor gene ARID1A in cancer: a systematic review and meta-analysis. Oncotarget, 2015, 6, 39088-39097.	0.8	67
113	GLI3 Is Stabilized by SPOP Mutations and Promotes Castration Resistance via Functional Cooperation with Androgen Receptor in Prostate Cancer. Molecular Cancer Research, 2022, 20, 62-76.	1.5	14
114	Molecular Pathology of Uterine Carcinosarcoma. Molecular Pathology Library, 2017, , 155-167.	0.1	0
119	Rare Peritoneal Tumours: Histopathological Diagnosis and Patterns of Peritoneal Dissemination. , 2020, , 181-228.		0
121	Mutational landscape implicates epithelial-mesenchymal transition gene TGF-Î ² 2 mutations for uterine carcinosarcoma after adjuvant tamoxifen therapy for breast carcinoma. International Journal of Clinical and Experimental Pathology, 2019, 12, 996-1002.	0.5	0
122	SPOP and cancer: a systematic review. American Journal of Cancer Research, 2020, 10, 704-726.	1.4	15
123	Combination immunotherapy with nivolumab and ipilimumab in patients with rare gynecological malignancies: results of the CA209-538 clinical trial. , 2021, 9, e003156.		6
124	Patient-derived xenograft models capture genomic heterogeneity in endometrial cancer. Genome Medicine, 2022, 14, 3.	3.6	16
125	CDKN1A/p21, RB1, ARID1A, FLG, and HRNR mutation patterns provide insights into urinary tract environmental exposure carcinogenesis and potential treatment strategies. American Journal of Cancer Research, 2021, 11, 5452-5471.	1.4	2
126	The oncogenic fusion landscape in pediatric CNS neoplasms. Acta Neuropathologica, 2022, 143, 427-451.	3.9	22
127	Panel Informativity Optimizer. Journal of Molecular Diagnostics, 2022, 24, 697-709.	1.2	2
128	A novel SNF2 ATPase complex in Trypanosoma brucei with a role in H2A.Z-mediated chromatin remodelling. PLoS Pathogens, 2022, 18, e1010514.	2.1	7
130	Molecular Characterizations of Gynecologic Carcinosarcomas: A Focus on the Immune Microenvironment. Cancers, 2022, 14, 4465.	1.7	0
131	Epithelial-to-Mesenchymal Transition Supports Ovarian Carcinosarcoma Tumorigenesis and Confers Sensitivity to Microtubule Targeting with Eribulin. Cancer Research, 2022, 82, 4457-4473.	0.4	7
133	Leveraging the replication stress response to optimize cancer therapy. Nature Reviews Cancer, 2023, 23, 6-24.	12.8	33
134	Identification of alternative transcripts of NSD1 gene in Sotos Syndrome patients and healthy subjects. Gene, 2023, 851, 146970.	1.0	3

#	Article	IF	CITATIONS
135	A Hypoxia Molecular Signature-Based Prognostic Model for Endometrial Cancer Patients. International Journal of Molecular Sciences, 2023, 24, 1675.	1.8	2
136	Other Carcinomas and Undifferentiated Carcinoma, Pathology of the Ovary. Encyclopedia of Pathology, 2022, , 1-7.	0.0	0
137	Molecular typing guiding treatment and prognosis of endometrial cancer. Gynecology and Obstetrics Clinical Medicine, 2023, 3, 7-17.	0.2	1
147	Other Carcinomas and Undifferentiated Carcinoma, Pathology of the Ovary. Encyclopedia of Pathology, 2023, , 471-476.	0.0	O
148	Molecular profile of bladder cancer progression to clinically aggressive subtypes. Nature Reviews Urology, $0,$	1.9	0