

# Role of TP53 mutations in the origin and evolution of the leukaemia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optimizing Cancer Genome Sequencing and Analysis. Cell Systems, 2015, 1, 210-223.	2.9	174
2	Genomic Copy Number Variations in the Myelodysplastic Syndrome and Acute Myeloid Leukemia Patients with del(5q) and/or -7/del(7q). International Journal of Medical Sciences, 2015, 12, 719-726.	1.1	16
3	Translocation (6;15)(q12;q15): A Novel Mutation in a Patient with Therapy-Related Myelodysplastic Syndrome. Case Reports in Hematology, 2015, 2015, 1-5.	0.3	2
4	Evidence that synthetic lethality underlies the mutual exclusivity of oncogenic KRAS and EGFR mutations in lung adenocarcinoma. ELife, 2015, 4, e06907.	2.8	140
5	TP53 mutation characteristics in therapy-related myelodysplastic syndromes and acute myeloid leukemia is similar to de novo diseases. Journal of Hematology and Oncology, 2015, 8, 45.	6.9	101
6	Evolved Cellular Mechanisms to Respond to Genotoxic Insults: Implications for Radiation-Induced Hematologic Malignancies. Radiation Research, 2015, 184, 341-351.	0.7	8
7	Update on recurrent genetic aberrations in acute myeloid leukemia. International Journal of Hematologic Oncology, 2015, 4, 179-190.	0.7	1
8	Exploring origins and evolution. Nature Reviews Cancer, 2015, 15, 68-69.	12.8	0
9	BRCA2-associated therapy-related acute myeloid leukemia. Medical Oncology, 2015, 32, 371.	1.2	3
10	How cell death shapes cancer. Cell Death and Disease, 2015, 6, e1675-e1675.	2.7	205
11	Evolutionary Determinants of Cancer. Cancer Discovery, 2015, 5, 806-820.	7.7	350
12	Back to 2D Culture for Ground State of Intestinal Stem Cells. Cell Stem Cell, 2015, 17, 5-7.	5.2	5
13	Asp1: A Guardian of Hematopoietic Stem Cell Integrity. Cell Stem Cell, 2015, 17, 3-5.	5.2	5
14	Therapy-Related Myeloid Neoplasms. American Journal of Clinical Pathology, 2015, 144, 207-218.	0.4	25
15	Quantifying ultra-rare pre-leukemic clones via targeted error-corrected sequencing. Leukemia, 2015, 29, 1608-1611.	3.3	77
16	Hematologic Recovery after Pretransplant Chemotherapy Does Not Influence Survival after Allogeneic Hematopoietic Cell Transplantation in Acute Myeloid Leukemia Patients. Biology of Blood and Marrow Transplantation, 2015, 21, 1425-1430.	2.0	12
17	Distinguishing clonal evolution from so-called secondary acute myelogenous leukemia: Adhering to unifying concepts of the genetic basis of leukemogenesis. Blood Cells, Molecules, and Diseases, 2015, 55, 1-2.	0.6	3
18	Clonal hematopoiesis of indeterminate potential and its distinction from myelodysplastic syndromes. Blood, 2015, 126, 9-16.	0.6	1,493

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19	Inferring mutational timing and reconstructing tumour evolutionary histories. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 264-275.	3.3	48
20	A Pound of Cure Requires An Ounce (or More) of Prevention: Survivorship and Complications of Therapy for Hematologic Malignancies. <i>Current Hematologic Malignancy Reports</i> , 2015, 10, 225-236.	1.2	2
21	Acute DNA damage activates the tumour suppressor p53 to promote radiation-induced lymphoma. <i>Nature Communications</i> , 2015, 6, 8477.	5.8	39
22	<sc>TP</sc>53 overexpression is an independent adverse prognostic factor in <i>de novo</i> myelodysplastic syndromes with fibrosis. <i>British Journal of Haematology</i> , 2015, 171, 91-99.	1.2	43
23	TP53 mutations in de novo acute myeloid leukemia patients: longitudinal follow-ups show the mutation is stable during disease evolution. <i>Blood Cancer Journal</i> , 2015, 5, e331-e331.	2.8	130
24	DMSO Increases Mutation Scanning Detection Sensitivity of High-Resolution Melting in Clinical Samples. <i>Clinical Chemistry</i> , 2015, 61, 1354-1362.	1.5	9
25	Implications of Tumor Clonal Heterogeneity in the Era of Next-Generation Sequencing. <i>Trends in Cancer</i> , 2015, 1, 231-241.	3.8	25
26	Concepts and challenges in cancer risk prediction for the space radiation environment. <i>Life Sciences in Space Research</i> , 2015, 6, 92-103.	1.2	75
27	Preexisting TP53 mutation in therapy-related acute myeloid leukemia. <i>Annals of Hematology</i> , 2015, 94, 527-529.	0.8	27
28	Mutational analysis of disease relapse in patients allografted for acute myeloid leukemia. <i>Blood Advances</i> , 2016, 1, 193-204.	2.5	63
29	<i>TP53</i> mutation variant allele frequency is a potential predictor for clinical outcome of patients with lower-risk myelodysplastic syndromes. <i>Oncotarget</i> , 2016, 7, 36266-36279.	0.8	47
30	Inhibition of glucosylceramide synthase eliminates the oncogenic function of p53 R273H mutant in the epithelial-mesenchymal transition and induced pluripotency of colon cancer cells. <i>Oncotarget</i> , 2016, 7, 60575-60592.	0.8	40
31	Hallmarks of glioblastoma: a systematic review. <i>ESMO Open</i> , 2016, 1, e000144.	2.0	122
32	Personalized Cancer Risk Assessments for Space Radiation Exposures. <i>Frontiers in Oncology</i> , 2016, 6, 38.	1.3	10
33	Alkylator-Induced and Patient-Derived Xenograft Mouse Models of Therapy-Related Myeloid Neoplasms Model Clinical Disease and Suggest the Presence of Multiple Cell Subpopulations with Leukemia Stem Cell Activity. <i>PLoS ONE</i> , 2016, 11, e0159189.	1.1	2
34	Therapy-related myeloid neoplasms. <i>Current Opinion in Hematology</i> , 2016, 23, 161-166.	1.2	17
35	Identification of Circulating Tumor DNA for the Early Detection of Small-cell Lung Cancer. <i>EBioMedicine</i> , 2016, 10, 117-123.	2.7	153
36	<i>TP</i>53 mutation in patients with high-risk acute myeloid leukaemia treated with allogeneic haematopoietic stem cell transplantation. <i>British Journal of Haematology</i> , 2016, 172, 914-922.	1.2	74

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37	Pharmacological activation of wild-type p53 in the therapy of leukemia. <i>Experimental Hematology</i> , 2016, 44, 791-798.	0.2	41
38	The Role of the p53 Protein in Stem-Cell Biology and Epigenetic Regulation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026153.	2.9	35
39	Interactions and relevance of blast percentage and treatment strategy among younger and older patients with acute myeloid leukemia (<scp>AML</scp>) and myelodysplastic syndrome (<scp>MDS</scp>). <i>American Journal of Hematology</i> , 2016, 91, 227-232.	2.0	46
40	Therapy-related myeloid neoplasms: does knowing the origin help to guide treatment?. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 24-32.	0.9	32
41	Attenuated DNA damage repair delays therapy-related myeloid neoplasms in a mouse model. <i>Cell Death and Disease</i> , 2016, 7, e2401-e2401.	2.7	9
42	Clonal haematopoiesis harbouring AML-associated mutations is ubiquitous in healthy adults. <i>Nature Communications</i> , 2016, 7, 12484.	5.8	523
43	Clinical evaluation of panel testing by next-generation sequencing (NGS) for gene mutations in myeloid neoplasms. <i>Diagnostic Pathology</i> , 2016, 11, 11.	0.9	77
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45	An ultra-deep sequencing strategy to detect sub-clonal TP53 mutations in presentation chronic lymphocytic leukaemia cases using multiple polymerases. <i>Oncogene</i> , 2016, 35, 5328-5336.	2.6	9
46	Secondary acute myeloid leukemia in survivors of Hodgkin lymphoma. <i>Future Oncology</i> , 2016, 12, 1565-1575.	1.1	10
47	Ultra-deep sequencing detects ovarian cancer cells in peritoneal fluid and reveals somatic <i>TP53</i> mutations in noncancerous tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6005-6010.	3.3	135
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50	Development and validation of a comprehensive genomic diagnostic tool for myeloid malignancies. <i>Blood</i> , 2016, 128, e1-e9.	0.6	49
51	Clinical Utility of Next-Generation Sequencing for Oncogenic Mutations in Patients with Acute Myeloid Leukemia Undergoing Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 1961-1967.	2.0	30
52	Genomic analysis of clonal origin of Langerhans cell histiocytosis following acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2016, 175, 169-172.	1.2	12
53	Molecular Pathology. <i>Surgical Pathology Clinics</i> , 2016, 9, 475-488.	0.7	4
54	Critical Updates to the Leukemia Stem Cell Model. , 2016, , 101-119.		2

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56	Epigenetics and approaches to targeted epigenetic therapy in acute myeloid leukemia. Blood, 2016, 127, 42-52.	0.6	234
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63	â€˜CHIPâ€™ping away at clonal hematopoiesis. Leukemia, 2016, 30, 1633-1635.	3.3	48
64	Integrating mutation variant allele frequency into clinical practice in myeloid malignancies. Hematology/ Oncology and Stem Cell Therapy, 2016, 9, 89-95.	0.6	37
65	Genome Stability Requires p53. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026096.	2.9	101
66	Leveraging protein quaternary structure to identify oncogenic driver mutations. BMC Bioinformatics, 2016, 17, 137.	1.2	8
67	Somatic Mosaic Mutations in <i>PPM1D</i> and <i>TP53</i> in the Blood of Women With Ovarian Carcinoma. JAMA Oncology, 2016, 2, 370.	3.4	88
68	Regain control of p53: Targeting leukemia stem cells by isoform-specific HDAC inhibition. Experimental Hematology, 2016, 44, 315-321.	0.2	22
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70	Deja Visite. American Journal of Clinical Pathology, 2016, 145, 296-298.	0.4	1
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73	Comprehensive analysis of factors impacting risks and outcomes of therapy-related myeloid neoplasms following breast cancer treatment. <i>Leukemia</i> , 2016, 30, 243-247.	3.3	6
74	Clonal Hematopoiesis Associated With Adverse Outcomes After Autologous Stem-Cell Transplantation for Lymphoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 1598-1605.	0.8	339
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78	Association of Therapy for Autoimmune Disease With Myelodysplastic Syndromes and Acute Myeloid Leukemia. <i>JAMA Oncology</i> , 2017, 3, 936.	3.4	90
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80	Efficacy of single-agent decitabine in relapsed and refractory acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 2127-2133.	0.6	20
81	Hypermutation signature reveals a slippage and realignment model of translesion synthesis by Rev3 polymerase in cisplatin-treated yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2663-2668.	3.3	18
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84	Prognostic Mutations in Myelodysplastic Syndrome after Stem-Cell Transplantation. <i>New England Journal of Medicine</i> , 2017, 376, 536-547.	13.9	586
85	Somatic TP53 mutations characterize preleukemic stem cells in acute myeloid leukemia. <i>Blood</i> , 2017, 129, 2587-2591.	0.6	44
86	A population genetics perspective on the determinants of intra-tumor heterogeneity. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1867, 109-126.	3.3	37
87	Hematopoiesis Lineage Tree Uprooted: Every Cell Is a Rainbow. <i>Developmental Cell</i> , 2017, 41, 7-9.	3.1	8
88	Nicaraven, a Potential Radioprotective Agent, has Very Limited Effects on the Survival of Cancer Cells and the Growth of Established Tumors. <i>Radiation Research</i> , 2017, 187, 339.	0.7	7
89	Therapy-related myeloid neoplasms. <i>Current Opinion in Hematology</i> , 2017, 24, 152-158.	1.2	30
90	Characterization of TP53 mutations in clonal cytopenia of undetermined significance. <i>American Journal of Hematology</i> , 2017, 92, E175-E177.	2.0	4

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91	Preleukemia: one name, many meanings. <i>Leukemia</i> , 2017, 31, 534-542.	3.3	51
92	Preleukaemic clonal haemopoiesis and risk of therapy-related myeloid neoplasms: a case-control study. <i>Lancet Oncology</i> , The, 2017, 18, 100-111.	5.1	296
93	Clonal haemopoiesis and therapy-related myeloid malignancies in elderly patients: a proof-of-concept, case-control study. <i>Lancet Oncology</i> , The, 2017, 18, 112-121.	5.1	249
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98	PRKCH regulates hematopoietic stem cell function and predicts poor prognosis in acute myeloid leukemia. <i>Experimental Hematology</i> , 2017, 53, 43-47.	0.2	13
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101	Myeloproliferative Neoplasms. <i>New England Journal of Medicine</i> , 2017, 376, 2168-2181.	13.9	274
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104	Diagnosis and management of AML in adults: 2017 ELN recommendations from an international expert panel. <i>Blood</i> , 2017, 129, 424-447.	0.6	4,375
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109	Favorable impact of allogeneic stem cell transplantation in patients with therapy-related myelodysplasia regardless of TP53 mutational status. <i>Haematologica</i> , 2017, 102, 2030-2038.	1.7	26

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113	Clonality in context: hematopoietic clones in their marrow environment. <i>Blood</i> , 2017, 130, 2363-2372.	0.6	74
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115	Therapy-related myeloid neoplasms: when genetics and environment collide. <i>Nature Reviews Cancer</i> , 2017, 17, 513-527.	12.8	270
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120	Myeloproliferative neoplasms: from origins to outcomes. <i>Blood</i> , 2017, 130, 2475-2483.	0.6	107
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137	Aging, hematopoiesis, and the myelodysplastic syndromes. Hematology American Society of Hematology Education Program, 2017, 2017, 73-78.	0.9	17
138	New Insight Into the Biology, Risk Stratification, and Targeted Treatment of Myelodysplastic Syndromes. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2017, 37, 480-494.	1.8	9
139	PIGN gene expression aberration is associated with genomic instability and leukemic progression in acute myeloid leukemia with myelodysplastic features. Oncotarget, 2017, 8, 29887-29905.	0.8	9
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148	Precancerous Clonal Expansion: A New Therapeutic Target?. Journal of Clinical Oncology, 2017, 35, 1503-1505.	0.8	0
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157	Myeloid Neoplasms Following Solid Organ Transplantation. American Journal of Clinical Pathology, 2018, 149, 55-66.	0.4	11
158	Bone Marrow MicroEnvironment in Normal and Deranged Hematopoiesis: Opportunities for Regenerative Medicine and Therapies. BioEssays, 2018, 40, 1700190.	1.2	17
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162	Emergence and evolution of TP53 mutations are key features of disease progression in myelodysplastic patients with lower-risk del(5q) treated with lenalidomide. Haematologica, 2018, 103, e143-e146.	1.7	41
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164	Early detection and evolution of preleukemic clones in therapy-related myeloid neoplasms following autologous SCT. Blood, 2018, 131, 1846-1857.	0.6	35

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168	Classification of the Acute Leukemias: Cytochemical and Morphologic Considerations. , 2018, , 197-236.		0
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