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RAS gene mutations in childhood acute myeloid leukemia: a Pediatric Oncology Group study

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Genes Chromosomes and Cancer, 1990, 2, 159-62.

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#	Paper	IF	Citations
41	N-ras gene mutations in childhood acute non-lymphoblastic leukemia. <i>Leukemia Research</i> , 1991 , 15, 935-41	4.7	3
40	Evaluation of the ligase chain reaction (LCR) for the detection of point mutations. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992 , 283, 119-23		31
39	The NF1 gene in myelopoiesis and childhood myelodysplastic syndromes. <i>New England Journal of Medicine</i> , 1994 , 330, 637-9	59.2	33
38	Loss of the normal NF1 allele from the bone marrow of children with type 1 neurofibromatosis and malignant myeloid disorders. <i>New England Journal of Medicine</i> , 1994 , 330, 597-601	59.2	366
37	Molecular evidence that childhood monosomy 7 syndrome is distinct from juvenile chronic myelogenous leukemia and other childhood myeloproliferative disorders. <i>Genes Chromosomes and Cancer</i> , 1995 , 12, 50-7	5	17
36	Mutations of the RAS genes in childhood acute myeloid leukemia, myelodysplastic syndrome and juvenile chronic myelocytic leukemia. <i>Leukemia Research</i> , 1997 , 21, 697-701	2.7	43
35	The non-random distribution of point mutations in leukaemia and myelodysplasia--a possible pointer to their aetiology. <i>Leukemia Research</i> , 1997 , 21, 559-74	2.7	17
34	RAS mutations in pediatric leukemias with MLL gene rearrangements. 1998 , 21, 270-275		27
33	Targeting the Ras signaling pathway: a rational, mechanism-based treatment for hematologic malignancies?. <i>Blood</i> , 2000 , 96, 1655-1669	2.2	248
32	Treatment-related leukaemia--a clinical and scientific challenge. <i>Cancer Treatment Reviews</i> , 2000 , 26, 377-91	14.4	20
31	Acute myeloid leukemia. <i>Hematology American Society of Hematology Education Program</i> , 2001 , 2001, 62-86	3.1	90
30	Molecular targets in acute myelogenous leukemia. <i>Blood Reviews</i> , 2003 , 17, 15-23	11.1	29
29	A sensitive dual-fluorescence reporter system enables positive selection of ras suppressors by suppression of ras-induced apoptosis. <i>Cancer Gene Therapy</i> , 2003 , 10, 745-54	5.4	6
28	Therapeutic efficacy of prenylation inhibitors in the treatment of myeloid leukemia. <i>Leukemia</i> , 2003 , 17, 1482-98	10.7	36
27	Mutational profiling in the human genome. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2003 , 68, 23-9	3.9	6
26	The role of transgenic mouse models in carcinogen identification. <i>Environmental Health Perspectives</i> , 2003 , 111, 444-54	8.4	115
25	Inversion of chromosome 12 and lineage promiscuity in hematologic malignancies. <i>Cancer Genetics and Cytogenetics</i> , 2004 , 148, 91-103		1

24	In vitro profiling of the sensitivity of pediatric leukemia cells to tipifarnib: identification of T-cell ALL and FAB M5 AML as the most sensitive subsets. <i>Blood</i> , 2005 , 106, 3532-7	2.2	28
23	RAS mutation is associated with hyperdiploidy and parental characteristics in pediatric acute lymphoblastic leukemia. <i>Leukemia</i> , 2005 , 19, 415-9	10.7	46
22	Mutations in KIT and RAS are frequent events in pediatric core-binding factor acute myeloid leukemia. <i>Leukemia</i> , 2005 , 19, 1536-42	10.7	199
21	The molecular pathogenesis of acute myeloid leukemia. <i>Critical Reviews in Oncology/Hematology</i> , 2005 , 56, 195-221	7	54
20	Kinases as drug discovery targets in hematologic malignancies. <i>Current Molecular Medicine</i> , 2005 , 5, 625-43	4.5	26
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18	Molecular genetics of acute myeloid leukemia. 298-338		
17	Cooperativity between Rad51 and C/EBP family transcription factors modulates basal and Tat-induced activation of the HIV-1 LTR in astrocytes. <i>Journal of Cellular Physiology</i> , 2006 , 207, 605-13	7	18
16	K-Ras mutations and N-Ras mutations in childhood acute leukemias with or without mixed-lineage leukemia gene rearrangements. <i>Cancer</i> , 2006 , 106, 950-6	6.4	87
15	Peroxisome proliferator-activated receptor alpha regulates a microRNA-mediated signaling cascade responsible for hepatocellular proliferation. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4238-47	4.8	229
14	Vav promoter-tTA conditional transgene expression system for hematopoietic cells drives high level expression in developing B and T cells. <i>Experimental Hematology</i> , 2007 , 35, 1231-9	3.1	14
13	Acute Myelogenous Leukemia. <i>Cancer Treatment and Research</i> , 2010 ,	3.5	
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10	Targeting oncogenic Ras signaling in hematologic malignancies. <i>Blood</i> , 2012 , 120, 3397-406	2.2	142
9	RAS mutations are frequent in FAB type M4 and M5 of acute myeloid leukemia, and related to late relapse: a study of the Japanese Childhood AML Cooperative Study Group. <i>International Journal of Hematology</i> , 2012 , 95, 509-15	2.3	25
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5	Receptor tyrosine kinase alterations in AML - biology and therapy. <i>Cancer Treatment and Research</i> , 2010 , 145, 85-108	3.5	9
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2	Targeting the Ras signaling pathway: a rational, mechanism-based treatment for hematologic malignancies?. <i>Blood</i> , 2000 , 96, 1655-1669	2.2	11
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