

Toshio Kitamura

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142
papers

6,824
citations

40
h-index

81
g-index

156
ext. papers

7,750
ext. citations

6.6
avg. IF

5.28
L-index

#	Paper	IF	Citations
142	Identification of Tim4 as a phosphatidylserine receptor. <i>Nature</i> , 2007 , 450, 435-9	50.4	834
141	Establishment and characterization of a unique human cell line that proliferates dependently on GM-CSF, IL-3, or erythropoietin. <i>Journal of Cellular Physiology</i> , 1989 , 140, 323-34	7	690
140	Tandem-duplicated Flt3 constitutively activates STAT5 and MAP kinase and introduces autonomous cell growth in IL-3-dependent cell lines. <i>Oncogene</i> , 2000 , 19, 624-31	9.2	451
139	Identification and characterization of a constitutively active STAT5 mutant that promotes cell proliferation. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3871-9	4.8	369
138	Retrovirus-mediated gene transfer and expression cloning: powerful tools in functional genomics. <i>Experimental Hematology</i> , 2003 , 31, 1007-14	3.1	315
137	Phosphorylation by aurora B converts MgcRacGAP to a RhoGAP during cytokinesis. <i>Developmental Cell</i> , 2003 , 4, 549-60	10.2	253
136	Induction of human cardiomyocyte-like cells from fibroblasts by defined factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12667-72	11.5	233
135	Identity of the elusive IgM Fc receptor (FcmuR) in humans. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2779-93	16.6	163
134	MgcRacGAP is involved in cytokinesis through associating with mitotic spindle and midbody. <i>Journal of Biological Chemistry</i> , 2001 , 276, 5821-8	5.4	141
133	AML1 mutations induced MDS and MDS/AML in a mouse BMT model. <i>Blood</i> , 2008 , 111, 4297-308	2.2	127
132	Ezh2 loss promotes development of myelodysplastic syndrome but attenuates its predisposition to leukaemic transformation. <i>Nature Communications</i> , 2014 , 5, 4177	17.4	115
131	Receptors for polytropic and xenotropic mouse leukaemia viruses encoded by a single gene at Rmc1. <i>Nature Genetics</i> , 1999 , 21, 216-9	36.3	115
130	Myelodysplastic syndromes are induced by histone methylation-filtering ASXL1 mutations. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4627-40	15.9	111
129	Dimerization of MLL fusion proteins and FLT3 activation synergize to induce multiple-lineage leukemogenesis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 919-929	15.9	97
128	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
127	A novel cell-cycle-indicator, mVenus-p27K-, identifies quiescent cells and visualizes G0-G1 transition. <i>Scientific Reports</i> , 2014 , 4, 4012	4.9	88
126	NFAM1, an immunoreceptor tyrosine-based activation motif-bearing molecule that regulates B cell development and signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8126-31	11.5	85

125	A signal sequence trap based on a constitutively active cytokine receptor. <i>Nature Biotechnology</i> , 1999 , 17, 487-90	44.5	84
124	Rac1 and a GTPase-activating protein, MgcRacGAP, are required for nuclear translocation of STAT transcription factors. <i>Journal of Cell Biology</i> , 2006 , 175, 937-46	7.3	81
123	Expression of mutant Asxl1 perturbs hematopoiesis and promotes susceptibility to leukemic transformation. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1729-1747	16.6	73
122	TIM1 is an endogenous ligand for LMIR5/CD300b: LMIR5 deficiency ameliorates mouse kidney ischemia/reperfusion injury. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1501-11	16.6	71
121	Genetic regulation of the RUNX transcription factor family has antitumor effects. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2815-2828	15.9	70
120	A Rac GTPase-activating protein, MgcRacGAP, is a nuclear localizing signal-containing nuclear chaperone in the activation of STAT transcription factors. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1796-813	4.8	69
119	The receptor LMIR3 negatively regulates mast cell activation and allergic responses by binding to extracellular ceramide. <i>Immunity</i> , 2012 , 37, 827-39	32.3	67
118	Expression levels of histone deacetylases determine the cell fate of hematopoietic progenitors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30673-83	5.4	58
117	Hes1 immortalizes committed progenitors and plays a role in blast crisis transition in chronic myelogenous leukemia. <i>Blood</i> , 2010 , 115, 2872-81	2.2	58
116	Mutant ASXL1 cooperates with BAP1 to promote myeloid leukaemogenesis. <i>Nature Communications</i> , 2018 , 9, 2733	17.4	54
115	Identification and characterization of a new pair of immunoglobulin-like receptors LMIR1 and 2 derived from murine bone marrow-derived mast cells. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 307, 719-29	3.4	54
114	Role of exosomes as a proinflammatory mediator in the development of EBV-associated lymphoma. <i>Blood</i> , 2018 , 131, 2552-2567	2.2	53
113	Selective cytotoxic mechanism of GTP-14564, a novel tyrosine kinase inhibitor in leukemia cells expressing a constitutively active Fms-like tyrosine kinase 3 (FLT3). <i>Journal of Biological Chemistry</i> , 2003 , 278, 32892-8	5.4	51
112	Cell-surface MHC density profiling reveals instability of autoimmunity-associated HLA. <i>Journal of Clinical Investigation</i> , 2015 , 125, 275-91	15.9	51
111	An activating and inhibitory signal from an inhibitory receptor LMIR3/CLM-1: LMIR3 augments lipopolysaccharide response through association with FcRgamma in mast cells. <i>Journal of Immunology</i> , 2009 , 183, 925-36	5.3	50
110	Two types of C/EBPβ mutations play distinct but collaborative roles in leukemogenesis: lessons from clinical data and BMT models. <i>Blood</i> , 2011 , 117, 221-33	2.2	49
109	Functional analysis of activating receptor LMIR4 as a counterpart of inhibitory receptor LMIR3. <i>Journal of Biological Chemistry</i> , 2007 , 282, 17997-18008	5.4	49
108	Disruption of Sept6, a fusion partner gene of MLL, does not affect ontogeny, leukemogenesis induced by MLL-SEPT6, or phenotype induced by the loss of Sept4. <i>Molecular and Cellular Biology</i> , 2005 , 25, 10965-78	4.8	47

107	Dimerization of MLL fusion proteins and FLT3 activation synergize to induce multiple-lineage leukemogenesis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 919-29	15.9	46
106	MgcRacGAP is involved in the control of growth and differentiation of hematopoietic cells. <i>Blood</i> , 2000 , 96, 2116-2124	2.2	45
105	Integrin alphaIIb beta3 induces the adhesion and activation of mast cells through interaction with fibrinogen. <i>Journal of Immunology</i> , 2006 , 176, 52-60	5.3	41
104	STAT5 induces macrophage differentiation of M1 leukemia cells through activation of IL-6 production mediated by NF-kappaB p65. <i>Journal of Immunology</i> , 2001 , 167, 3652-60	5.3	41
103	A novel low-density lipoprotein receptor-related protein mediating cellular uptake of apolipoprotein E-enriched beta-VLDL in vitro. <i>Biochemistry</i> , 2000 , 39, 15817-25	3.2	41
102	The role of ASXL1 in hematopoiesis and myeloid malignancies. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2511-2523	10.3	40
101	Molecular cloning of a novel type 1 cytokine receptor similar to the common gamma chain. <i>Blood</i> , 2000 , 95, 2204-2210	2.2	40
100	Analysis of mouse LMIR5/CLM-7 as an activating receptor: differential regulation of LMIR5/CLM-7 in mouse versus human cells. <i>Blood</i> , 2008 , 111, 688-98	2.2	39
99	Truncation mutants of ASXL1 observed in myeloid malignancies are expressed at detectable protein levels. <i>Experimental Hematology</i> , 2016 , 44, 172-6.e1	3.1	38
98	Ceramide-CD300f binding suppresses experimental colitis by inhibiting ATP-mediated mast cell activation. <i>Gut</i> , 2016 , 65, 777-87	19.2	37
97	A GTPase-activating protein binds STAT3 and is required for IL-6-induced STAT3 activation and for differentiation of a leukemic cell line. <i>Blood</i> , 2004 , 104, 3550-7	2.2	37
96	Arginine methylation controls the strength of β -family cytokine signaling in T cell maintenance. <i>Nature Immunology</i> , 2018 , 19, 1265-1276	19.1	36
95	Epigenetics in normal and malignant hematopoiesis: An overview and update 2017. <i>Cancer Science</i> , 2017 , 108, 553-562	6.9	35
94	Roundabout 4 is expressed on hematopoietic stem cells and potentially involved in the niche-mediated regulation of the side population phenotype. <i>Stem Cells</i> , 2009 , 27, 183-90	5.8	35
93	Sphingomyelin and ceramide are physiological ligands for human LMIR3/CD300f, inhibiting Fc β I-mediated mast cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 270-3.e1-7	11.5	34
92	A novel ASXL1-OGT axis plays roles in H3K4 methylation and tumor suppression in myeloid malignancies. <i>Leukemia</i> , 2018 , 32, 1327-1337	10.7	33
91	Rab13 small G protein and junctional Rab13-binding protein (JRAB) orchestrate actin cytoskeletal organization during epithelial junctional development. <i>Journal of Biological Chemistry</i> , 2012 , 287, 42455-64	5.4	33
90	Development of a Novel Selective Amplifier Gene for Controllable Expansion of Transduced Hematopoietic Cells. <i>Blood</i> , 1997 , 90, 3884-3892	2.2	33

89	Human CD300C delivers an Fc receptor-dependent activating signal in mast cells and monocytes and differs from CD300A in ligand recognition. <i>Journal of Biological Chemistry</i> , 2013 , 288, 7662-7675	5.4	29
88	RUNX1/AML1 mutant collaborates with BMI1 overexpression in the development of human and murine myelodysplastic syndromes. <i>Blood</i> , 2013 , 121, 3434-46	2.2	25
87	Recurrent Translocations in Acute Promyelocytic Leukemia Lacking Translocation. <i>Cancer Research</i> , 2018 , 78, 4452-4458	10.1	25
86	A new bioavailable fenretinide formulation with antiproliferative, antimetabolic, and cytotoxic effects on solid tumors. <i>Cell Death and Disease</i> , 2019 , 10, 529	9.8	23
85	Transforming growth factor- β -stimulated clone-22 is a negative-feedback regulator of Ras / Raf signaling: Implications for tumorigenesis. <i>Cancer Science</i> , 2012 , 103, 26-33	6.9	22
84	A soluble form of LMIR5/CD300b amplifies lipopolysaccharide-induced lethal inflammation in sepsis. <i>Journal of Immunology</i> , 2012 , 189, 1773-9	5.3	22
83	Internalization of radioiodinated erythropoietin and the ligand-induced modulation of its receptor in murine erythroleukemia cells. <i>International Journal of Cell Cloning</i> , 1987 , 5, 209-19		22
82	v-Src suppresses SHPS-1 expression via the Ras-MAP kinase pathway to promote the oncogenic growth of cells. <i>Oncogene</i> , 2000 , 19, 1710-8	9.2	21
81	Role of MgcRacGAP/Cyk4 as a regulator of the small GTPase Rho family in cytokinesis and cell differentiation. <i>Cell Structure and Function</i> , 2001 , 26, 645-51	2.2	21
80	Biological implications of somatic DDX41 p.R525H mutation in acute myeloid leukemia. <i>Experimental Hematology</i> , 2016 , 44, 745-754.e4	3.1	21
79	Exit from germinal center to become quiescent memory B cells depends on metabolic reprogramming and provision of a survival signal. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	20
78	Abnormal behaviours relevant to neurodevelopmental disorders in Kirrel3-knockout mice. <i>Scientific Reports</i> , 2018 , 8, 1408	4.9	19
77	In vitro validation of bioluminescent monitoring of disease progression and therapeutic response in leukaemia model animals. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 557-65	8.8	19
76	Ceramide-CD300f Binding Inhibits Lipopolysaccharide-induced Skin Inflammation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 2924-2932	5.4	18
75	Characterization of leukocyte mono-immunoglobulin-like receptor 7 (LMIR7)/CLM-3 as an activating receptor: its similarities to and differences from LMIR4/CLM-5. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35274-83	5.4	18
74	Cytokine receptors: structures and signal transduction. <i>International Reviews of Immunology</i> , 1998 , 16, 617-34	4.6	18
73	ASXL1 and SETBP1 mutations promote leukaemogenesis by repressing TGF β pathway genes through histone deacetylation. <i>Scientific Reports</i> , 2018 , 8, 15873	4.9	18
72	Spine formation pattern of adult-born neurons is differentially modulated by the induction timing and location of hippocampal plasticity. <i>PLoS ONE</i> , 2012 , 7, e45270	3.7	17

71	The shortest isoform of C/EBP β liver inhibitory protein (LIP), collaborates with Evi1 to induce AML in a mouse BMT model. <i>Blood</i> , 2013 , 121, 4142-55	2.2	17
70	Possible involvement of RasGRP4 in leukemogenesis. <i>International Journal of Hematology</i> , 2009 , 89, 470-481	2.3	17
69	PD-L1/L2 protein levels rapidly increase on monocytes via trogocytosis from tumor cells in classical Hodgkin lymphoma. <i>Leukemia</i> , 2020 , 34, 2405-2417	10.7	16
68	Antitumor immunity augments the therapeutic effects of p53 activation on acute myeloid leukemia. <i>Nature Communications</i> , 2019 , 10, 4869	17.4	15
67	Disrupting ceramide-CD300f interaction prevents septic peritonitis by stimulating neutrophil recruitment. <i>Scientific Reports</i> , 2017 , 7, 4298	4.9	14
66	Structural and functional analyses of glycosylation on the distinct molecules of human GM-CSF receptors. <i>FEBS Journal</i> , 1991 , 198, 659-66		14
65	The molecular basis of myeloid malignancies. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2014 , 90, 389-404	4	13
64	APC(CDH1) targets MgcRacGAP for destruction in the late M phase. <i>PLoS ONE</i> , 2013 , 8, e63001	3.7	13
63	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. <i>Nature Communications</i> , 2021 , 12, 1826	17.4	13
62	mutations gain a function. <i>Blood</i> , 2018 , 131, 274-275	2.2	12
61	Hes1 promotes blast crisis in chronic myelogenous leukemia through MMP-9 upregulation in leukemic cells. <i>Blood</i> , 2014 , 123, 3932-42	2.2	12
60	Efficient retroviral transduction of human B-lymphoid and myeloid progenitors: marked inhibition of their growth by the Pax5 transgene. <i>International Journal of Hematology</i> , 2008 , 87, 351-362	2.3	12
59	The ubiquitin ligase STUB1 regulates stability and activity of RUNX1 and RUNX1-RUNX1T1. <i>Journal of Biological Chemistry</i> , 2017 , 292, 12528-12541	5.4	11
58	ASXL1 mutation in clonal hematopoiesis. <i>Experimental Hematology</i> , 2020 , 83, 74-84	3.1	11
57	Evidence that integrin alpha IIb beta 3-dependent interaction of mast cells with fibrinogen exacerbates chronic inflammation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 31463-72	5.4	11
56	Molecular bases of myelodysplastic syndromes: lessons from animal models. <i>Journal of Cellular Physiology</i> , 2009 , 219, 529-34	7	11
55	Discrimination of Dormant and Active Hematopoietic Stem Cells by G Marker Reveals Dormancy Regulation by Cytoplasmic Calcium. <i>Cell Reports</i> , 2019 , 29, 4144-4158.e7	10.6	11
54	Induction of Synaptosomal-Associated Protein-23 kD (SNAP-23) by Various Cytokines. <i>Blood</i> , 1998 , 92, 129-135	2.2	10

53	A C-terminal mutant of CCAAT-enhancer-binding protein ϵ (C/EBP ϵ m) downregulates Csf1r, a potent accelerator in the progression of acute myeloid leukemia with C/EBP ϵ m. <i>Experimental Hematology</i> , 2015 , 43, 300-8.e1	3.1	9
52	Overexpression of short isoform has an important role in the development of myelodysplastic/myeloproliferative neoplasms. <i>Blood Advances</i> , 2017 , 1, 1382-1386	7.8	8
51	Identification of RHOXF2 (PEPP2) as a cancer-promoting gene by expression cloning. <i>International Journal of Oncology</i> , 2012 , 40, 93-8	4.4	8
50	The phytosphingosine-CD300b interaction promotes zymosan-induced, nitric oxide-dependent neutrophil recruitment. <i>Science Signaling</i> , 2019 , 12,	8.8	8
49	Aberrant histone modifications induced by mutant ASXL1 in myeloid neoplasms. <i>International Journal of Hematology</i> , 2019 , 110, 179-186	2.3	8
48	The CD300e molecule in mice is an immune-activating receptor. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3793-3805	5.4	7
47	MicroRNA-125b-1 accelerates a C-terminal mutant of C/EBP ϵ (C/EBP ϵ (m))-induced myeloid leukemia. <i>International Journal of Hematology</i> , 2012 , 96, 334-41	2.3	7
46	A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. <i>Cell Reports</i> , 2021 , 36, 109576	10.6	7
45	Clonal hematopoiesis and associated diseases: A review of recent findings. <i>Cancer Science</i> , 2021 , 112, 3962-3971	6.9	7
44	HHEX promotes myeloid transformation in cooperation with mutant ASXL1. <i>Blood</i> , 2020 , 136, 1670-1684.e2	4.2	6
43	Upregulation of CD200R1 in lineage-negative leukemic cells is characteristic of AML1-ETO-positive leukemia in mice. <i>International Journal of Hematology</i> , 2012 , 96, 638-48	2.3	6
42	Constitutive phosphorylation of a Rac GAP MgcRacGAP is implicated in v-Src-induced transformation of NIH3T3 cells. <i>Cancer Science</i> , 2009 , 100, 1675-9	6.9	6
41	Hes1 upregulation contributes to the development of FIP1L1-PDGRA-positive leukemia in blast crisis. <i>Experimental Hematology</i> , 2014 , 42, 369-379.e3	3.1	5
40	Tyk2 is dispensable for induction of myeloproliferative disease by mutant FLT3. <i>International Journal of Hematology</i> , 2006 , 84, 54-9	2.3	5
39	Imaging dynamic mTORC1 pathway activity in vivo reveals marked shifts that support time-specific inhibitor therapy in AML. <i>Nature Communications</i> , 2021 , 12, 245	17.4	5
38	Mouse LIMR3/CD300f is a negative regulator of the antimicrobial activity of neutrophils. <i>Scientific Reports</i> , 2018 , 8, 17406	4.9	5
37	Leukocyte mono-immunoglobulin-like receptor 8 (LMIR8)/CLM-6 is an FcR γ -coupled receptor selectively expressed in mouse tissue plasmacytoid dendritic cells. <i>Scientific Reports</i> , 2018 , 8, 8259	4.9	5
36	Overexpression of Lhx2 suppresses proliferation of human T cell acute lymphoblastic leukemia-derived cells, partly by reducing LMO2 protein levels. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2310-2316	3.4	4

35	Novel working hypothesis for pathogenesis of hematological malignancies: combination of mutations-induced cellular phenotypes determines the disease (cMIP-DD). <i>Journal of Biochemistry</i> , 2016 , 159, 17-25	3.1	4
34	NUP98-HBO1-fusion generates phenotypically and genetically relevant chronic myelomonocytic leukemia pathogenesis. <i>Blood Advances</i> , 2019 , 3, 1047-1060	7.8	4
33	Fyn is not essential for Bcr-Abl-induced leukemogenesis in mouse bone marrow transplantation models. <i>International Journal of Hematology</i> , 2012 , 95, 167-75	2.3	4
32	Activation of CpG-Rich Promoters Mediated by MLL Drives MOZ-Rearranged Leukemia. <i>Cell Reports</i> , 2020 , 32, 108200	10.6	4
31	Opposing effects of acute versus chronic inhibition of p53 on decitabine's efficacy in myeloid neoplasms. <i>Scientific Reports</i> , 2019 , 9, 8171	4.9	3
30	Role of the Ceramide-CD300f Interaction in Gram-Negative Bacterial Skin Infections. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1221-1224	4.3	3
29	HDACi-induced thrombocytopenia is caused by its unexpected target. <i>Experimental Hematology</i> , 2012 , 40, 695-7	3.1	3
28	The ubiquitin ligase RNF38 promotes RUNX1 ubiquitination and enhances RUNX1-mediated suppression of erythroid transcription program. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 905-909	3.4	3
27	CHIP-associated mutant ASXL1 in blood cells promotes solid tumor progression.. <i>Cancer Science</i> , 2022 ,	6.9	2
26	Protease-Activated Receptor 1 (PAR-1) Inhibits Proliferation but Enhances Leukemia Stem Cell Activity in Acute Myeloid Leukemia. <i>Blood</i> , 2016 , 128, 2730-2730	2.2	2
25	Enforced expression of MIR142, a target of chromosome translocation in human B-cell tumors, results in B-cell depletion. <i>International Journal of Hematology</i> , 2018 , 107, 345-354	2.3	2
24	TROY, a Novel Member of the Tumor Necrosis Factor Receptor Superfamily in the Central Nervous System. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1088, A1-A10	6.5	1
23	Eliminating chronic myeloid leukemia stem cells by IRAK1/4 inhibitors.. <i>Nature Communications</i> , 2022 , 13, 271	17.4	1
22	The Ubiquitin Ligase DTX2 Promotes Nuclear Export of RUNX1 and Inhibits RUNX1-Dependent Leukemogenesis. <i>Blood</i> , 2019 , 134, 1252-1252	2.2	1
21	Inhibition of Impdh As an Effective Treatment for MLL-Fusion Leukemia. <i>Blood</i> , 2016 , 128, 750-750	2.2	1
20	Efficacy of tyrosine kinase inhibitors on a mouse chronic myeloid leukemia model and chronic myeloid leukemia stem cells. <i>Experimental Hematology</i> , 2020 , 90, 46-51.e2	3.1	1
19	Profiles of anemia in adolescent students with sports club membership in an outpatient clinic setting: a retrospective study.. <i>PeerJ</i> , 2022 , 10, e13004	3.1	1
18	MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis.. <i>Cell Reports</i> , 2022 , 39, 110805	10.6	0

- 17 Impaired Osteoblastic Differentiation of MSCs Suppresses Normal Hematopoiesis in MDS. *Blood*, **2020**, 136, 17-18 2.2
- 16 UBC9 inhibits myeloid differentiation in collaboration with AML1-MTG8.. *International Journal of Hematology*, **2022**, 1 2.3
- 15 Immune Suppressor Factor Confers Enhanced Supporting Activity for Hematopoietic Stem Cells in Bone Marrow Stroma.. *Blood*, **2004**, 104, 509-509 2.2
- 14 The Hsp90 Inhibitor 17-AAG and FLT3 Kinase Inhibitor GTP14564 Synergistically Inhibit MLL Fusion Gene Leukemias with FLT3 Mutations.. *Blood*, **2004**, 104, 1167-1167 2.2
- 13 A method for gene transfer, single isolation and in vitro assay for neural stem cells. *Ensho Saisei*, **2005**, 25, 50-54
- 12 Constitutive Expression of Pax5 in Cord Blood Progenitor Cells Rather Inhibits B Lymphopoiesis as Well as Myelopoiesis through the Exon 9-Dependent and Independent Mechanism.. *Blood*, **2005**, 106, 2718-2718 2.2
- 11 Robo4/Magic Roundabout Is a Novel Surface Marker for Murine and Human Hematopoietic Stem Cells.. *Blood*, **2006**, 108, 682-682 2.2
- 10 Junctional Adhesion Molecule-A (JAM-A/JAM-1/F11R) Marks Long-Term Repopulating Hematopoietic Stem Cells.. *Blood*, **2007**, 110, 1270-1270 2.2
- 9 A p53-MDM2 Interaction Inhibitor, DS-5272, Inhibits the Development of MLL-Fusion Leukemia with the Assistance of Tumor Immunity. *Blood*, **2017**, 130, 796-796 2.2
- 8 Leukemogenic Functions of Mutant ASXL1 Are Regulated By CDK-Mediated Phosphorylation. *Blood*, **2019**, 134, 731-731 2.2
- 7 Mutant ASXL1 Disrupts Paraspeckle Formation through Aberrant Interaction with Nono in Hematopoietic Cells. *Blood*, **2019**, 134, 2514-2514 2.2
- 6 SETBP1 Mutations Drive Leukemic Transformation in ASXL1-Mutated MDS. *Blood*, **2014**, 124, 525-525 2.2
- 5 A Patient-Derived EZH2 Mutant Induces MDS-like Diseases with Derepressed ABCG2 Expression in Mice. *Blood*, **2015**, 126, 4116-4116 2.2
- 4 Nov/CCN3 Enhances Long-Term Repopulating Activity of Mouse Hematopoietic Stem Cells Via Intergin B Signaling Collaborating with Thrombopoietin. *Blood*, **2011**, 118, 862-862 2.2
- 3 RUNX1/AML1 Mutants Collaborate with BMI1 in the Development of Myelodysplastic Syndromes (MDS) / Acute Myeloid Leukemia (AML) in a Mouse BMT Model.. *Blood*, **2012**, 120, 2820-2820 2.2
- 2 Comprehensive expression pattern of kin of irregular chiasm-like 3 in the adult mouse brain. *Biochemical and Biophysical Research Communications*, **2021**, 563, 66-72 3-4
- 1 CRISPR/Cas9-mediated base-editing enables a chain reaction through sequential repair of sgRNA scaffold mutations.. *Scientific Reports*, **2021**, 11, 23889 4-9