Ontogeny of the Haemopoietic System: Yolk Sac Origin Colony Forming Cells in the Developing Mouse Embryo

British Journal of Haematology 18, 279-296 DOI: 10.1111/j.1365-2141.1970.tb01443.x

Citation Report

#	Article	IF	Citations
1	A Developmental Approach to Hematopoiesis. , 2009, , 3-23.		0
2	Embryonic Mouse Peripheral Blood Colony-forming Units. Nature, 1970, 228, 1305-1306.	13.7	21
3	Density distribution analysis ofIn vivo andIn vitro colony forming cells in developing fetal liver. Journal of Cellular Physiology, 1970, 75, 181-192.	2.0	58
4	Growing points of immunology Postgraduate Medical Journal, 1970, 46, 182-190.	0.9	0
5	Repair and Transplantation of Bone. , 1971, , 337-399.		3
6	Myeloid Stem Cell Kinetics during Erythropoietic Stress. British Journal of Haematology, 1971, 20, 537-547.	1.2	49
7	Density gradient segregation of bone marrow cells with the capacity to form granulocytic and macrophage colonies in vitro*1. Experimental Cell Research, 1971, 68, 220-224.	1.2	24
8	THE NATURE OF LEUKAEMIA: NEOPLASM OR DISORDER OF HAEMOPOIETIC REGULATION? 1. Medical Journal of Australia, 1971, 2, 739-746.	0.8	39
9	Effect of Neonatal Thymectomy on Hemopoietic Tissue in Mice. Blood, 1971, 37, 634-646.	0.6	45
10	COLONY FORMATION IN AGAR: IN VITRO ASSAY FOR HAEMOPOIETIC STEM CELLS. Cell Proliferation, 1971, 4, 463-477.	2.4	25
11	Diffusion chamber and spleen colony assay of murine haematopoietic stem cells. Journal of Cellular Physiology, 1971, 78, 65-72.	2.0	40
12	Susceptibility to polycythemia of hemopoietic spleen colonies produced by cultured embryonal liver cells. Journal of Cellular Physiology, 1971, 78, 405-410.	2.0	1
13	Fetal Liver Erythropoiesis and Yolk Sac Cells. Science, 1972, 177, 187-187.	6.0	4
14	Protein Synthesis: Its Control in Erythropoiesis. Science, 1972, 175, 955-961.	6.0	115
15	Cellular Differentiation in a Murine Myelomonocytic Leukemia. Blood, 1972, 39, 771-777.	0.6	15
16	Embryonic Origin of the Mouse Macrophage. Blood, 1972, 39, 842-849.	0.6	107
17	Hematopoiesis in the Embryonic Mouse Spleen: An Electron Microscopic Study. Blood, 1972, 39, 826-841.	0.6	38
18	Local Production of Colony-stimulating Factor Within the Bone Marrow: Role of Nonhematopoietic Cells. Blood, 1972, 40, 646-653.	0.6	89

TION REI

# 19	ARTICLE Physical separation of colony stimulating cells fromin vitro colony forming cells in hemopoietic tissue. Journal of Cellular Physiology, 1972, 80, 195-206.	IF 2.0	CITATIONS
20	Bursal and postbursal stem cells in chicken. functional characteristics. European Journal of Immunology, 1973, 3, 585-595.	1.6	198
21	ANALYSIS OF PROLIFERATION AND DIFFERENTIATION OF FOETAL GRANULOCYTE-MACROPHAGE PROGENITOR CELLS IN HAEMOPOIETIC TISSUE. Cell Proliferation, 1973, 6, 461-476.	2.4	13
22	Progenitor cells of the definitive erythroid series in the chick embryo. Developmental Biology, 1973, 31, 192-194.	0.9	3
23	Effect of erythropoietin on the spleen of the polycythemic mouse in vitro. Experimental Cell Research, 1973, 82, 27-30.	1.2	0
24	The erythroid cells and haemoglobins of the chick embryo. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1973, 266, 225-305.	2.4	186
25	In Vitro Growth of Granulocytic Colonies From Circulating Cells in Human Cord Blood. Blood, 1974, 43, 357-361.	0.6	204
26	INTRODUCTION TO HEMATOPOIETIC STEM CELLS. , 1974, , 251-288.		0
27	Enhancement of the Radioprotective Effects of 2-mercaptoethylamine on Colony-forming Cells by Agents Which Alter Cyclic Nucleotide Levels. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1974, 26, 331-340.	1.0	8
28	SENSITIVITY OF EARLY EMBRYONIC THYMIC LYMPHOID DEVELOPMENT TO3H-THYMIDINE OF HIGH SPECIFIC ACTIVITY. Cell Proliferation, 1974, 7, 327-336.	2.4	0
29	ONTOGENY OF ERYTHROPOIESIS IN THE FETAL MOUSE. Annals of the New York Academy of Sciences, 1974, 241, 113-118.	1.8	16
30	Analysis of Lymphoid Cell Types Developing in Mouse Foetal Liver. Differentiation, 1974, 2, 169-178.	1.0	14
31	Fetal hemopoiesis. Virchows Archiv B, Cell Pathology Including Molecular Pathology, 1974, 16, 249-270.	0.2	61
33	Differenziamento Delle Cellule Eritroidi Del Sacco Vitellino in Embrioni Di Topo. Bollettino Di Zoologia, 1974, 41, 401-418.	0.3	0
34	HbF synthesis in chicken embryonic and postnatal development: Studies in various explanted erythropoietic tissues. Developmental Biology, 1974, 40, 199-207.	0.9	12
35	Early mouse embryos: Growth and differentiation in vitro. Experimental Cell Research, 1974, 85, 424-428.	1.2	47
36	MATURATION OF CELLULAR AND HUMORAL IMMUNITY DURING HUMAN EMBRYONIC DEVELOPMENT. Acta Paediatrica, International Journal of Paediatrics, 1974, 63, 607-615.	0.7	27
37	Chapter 5 Cell Determination and Biochemical Differentiation of The Early Mammalian Embryo. Current Topics in Developmental Biology, 1974, 8, 151-178.	1.0	34

# 38	ARTICLE The Bone Marrow Colony Forming Cell in Megaloblastic Anaemia and Iron Deficiency Anaemia. Australian and New Zealand Journal of Medicine, 1975, 5, 424-430.	IF 0.5	CITATIONS
39	Letter: Reticulum cell not a haematopoietic stem cell BMJ: British Medical Journal, 1975, 3, 371-371.	2.4	1
40	HAEMOPOIETIC STEM CELLS. British Journal of Haematology, 1975, 29, 529-535.	1.2	45
41	Hemopoietic colony forming cells in regenerating mouse liver. Journal of Cellular Physiology, 1975, 86, 213-219.	2.0	12
42	Fine structural observations on hemopoiesis in the chorioallantoic placenta of the marmoset. American Journal of Anatomy, 1975, 144, 9-37.	0.9	11
43	Role of stem cell migration in initiation of mouse foetal liver haemopoiesis. Nature, 1975, 258, 726-728.	13.7	245
44	Radiosensitivity of Hematopoietic Stem Cells in Diffusion Chamber Cultures of the Murine Yolk Sac and Adult Medullary Tissue. Radiation Research, 1976, 68, 84.	0.7	1
45	Comparison of in vitro and in vivo development of rat foetuses. Developmental Biology, 1976, 48, 163-172.	0.9	44
46	Localization of thymocyte stem cell precursors in the pharyngeal endoderm of early amphibian embryos. Cellular Immunology, 1976, 24, 109-115.	1.4	12
47	Ontogeny of lymphocyte subpopulations in human fetal liver Proceedings of the National Academy of Sciences of the United States of America, 1976, 73, 919-922.	3.3	84
48	HAEMOGLOBIN SYNTHESIS DURING HUMAN FETAL DEVELOPMENT. British Medical Bulletin, 1976, 32, 282-287.	2.7	81
49	Genetic and Morphogenetic Factors in Hemoglobin Synthesis during Higher Vertebrate Development: An Approach to Cell Differentiation Mechanisms. International Review of Cytology, 1976, 46, 79-176.	6.2	15
50	Growth of Mouse Yolk Sac Cells Cultured in Vivo. British Journal of Haematology, 1976, 32, 543-556.	1.2	14
51	Regulation of fetal liver erythropoiesis. The Journal of Steroid Biochemistry, 1977, 8, 423-428.	1.3	13
52	B-lymphocyte differentiation in lethally irradiated and reconstituted mice. Cellular Immunology, 1977, 29, 37-53.	1.4	19
53	Congenital neutropenia: an intrinsic cell defect demonstrated by electron microscopy of soft agar colonies. Blood, 1977, 49, 425-436.	0.6	26
54	CUTANEOUS SIGNALS OF HOST-DEFENSE FAILURE. International Journal of Dermatology, 1977, 16, 627-639.	0.5	3
55	In vitro activation of the in vivo colony-forming units of the mouse yolk sac. Journal of Cellular Physiology, 1977, 91, 193-199.	2.0	34

#	Article	IF	CITATIONS
56	The detection of in vitro monocyte-macrophage colony-forming cells in mouse thymus and lymph nodes. Journal of Cellular Physiology, 1977, 92, 203-207.	2.0	24
57	Embryonic and fetal hemopoiesis in the mongolian gerbil(Meriones unguiculatus). The Anatomical Record, 1977, 189, 499-517.	2.3	11
58	Effect of Myleran On Murine Hemopoiesis Cell Proliferation, 1978, 11, 359-367.	2.4	3
59	Effect of Myleran On Murine Hemopoiesis Cell Proliferation, 1978, 11, 369-375.	2.4	0
60	Studies on the earliest sites of B cell differentiation in the mouse embryo. Developmental and Comparative Immunology, 1978, 2, 339-346.	1.0	29
61	WHOLEâ€EMBRYO CULTURE AND THE STUDY OF MAMMALIAN EMBRYOS DURING ORGANOGENESIS. Biological Reviews, 1978, 53, 81-122.	4.7	871
62	Normal blood cells of anemic genotype in teratocarcinoma-derived mosaic mice. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 6247-6251.	3.3	15
63	In Vitro Development of Whole Mouse Embryos beyond the Implantation Stage. , 1978, , 229-245.		17
64	Production of fetal antigen-bearing erythrocytes in irradiated adult mice grafted with fetal liver hematopoietic cells. Blood, 1979, 54, 1091-1100.	0.6	5
65	Effect of age on immune function in terms of chemically induced cancers. Environmental Health Perspectives, 1979, 29, 17-22.	2.8	9
66	Hematopoietic Stem Cells. New England Journal of Medicine, 1979, 301, 755-760.	13.9	173
67	The fate of fetal and adult B-cell progenitors grafted into immunodeficient CBA/N mice Journal of Experimental Medicine, 1979, 150, 548-563.	4.2	109
68	THE RELATIONSHIP BETWEEN STEM CELL SEEDING EFFICIENCY AND POSITION IN CELL CYCLE. Cell Proliferation, 1979, 12, 161-175.	2.4	21
69	The associations and relationships of congenital immune deficiency states and autoimmune phenomena. Seminars in Arthritis and Rheumatism, 1979, 9, 98-123.	1.6	7
70	Teratoma induction in mice and rats in relation to the age of the visceral yolk sac. European Journal of Cancer, 1979, 15, 143-151.	1.0	11
71	Hereditary Anemias of the Mouse: A Review for Geneticists. Advances in Genetics, 1979, , 357-459.	0.8	1,005
72	Experimental analysis of hematopoietic cell development in the liver of larval Rana pipiens. Developmental Biology, 1979, 69, 466-479.	0.9	24
73	Transitional Cells of Hemopoietic Tissues: Origin, Structure, and Development Potential. International Review of Cytology, 1980, 62, 311-359.	6.2	15

#	Article	IF	CITATIONS
74	Lymphoid stem cell homing to the early thymic primordium of the avian embryo. European Journal of Immunology, 1980, 10, 620-627.	1.6	79
75	Differentiation of the mouse hepatic primordium. I. An analysis of tissue interactions in hepatocyte differentiation. Cell Differentiation, 1980, 9, 269-279.	1.3	193
76	The early ontogeny of hematopoietic cells studied by grafting cytogenetically labeled tissue anlagen: Localization of a prospective stem cell compartment. Developmental Biology, 1981, 85, 99-112.	0.9	100
77	Germ cell tumors in man, pleiotropic mice, and continuity of germplasm and somatoplasm. Human Pathology, 1981, 12, 772-776.	1.1	15
78	Sister-chromatid exchange analyses in rodent maternal, embryonic and extra-embryonic tissues. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1981, 80, 297-311.	0.4	32
79	Isolation of murine fetal hemopoietic progenitor cells and selective fractionation of various erythroid precursors. Blood, 1981, 58, 376-386.	0.6	85
80	In Vivo and In Vitro Assays of Trisomie Cells Isolated from the Fetal Organism or Rescued by Transfer to Non-Trisomic Hosts. , 1981, , 371-384.		2
81	Trisomic hemopoietic stem cells of fetal origin restore hemopoiesis in lethally irradiated mice. Science, 1981, 211, 1175-1177.	6.0	18
82	Formation of B Lymphocytes in Fetal and Adult Life. Advances in Immunology, 1981, 31, 177-245.	1.1	124
83	In vitro induction of adult erythropoiesis in early mouse yolk sac Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2412-2416.	3.3	55
84	Embryonic Differentiation of Lymphoid Stem Cells a Review. Developmental and Comparative Immunology, 1981, 5, 403-414.	1.0	10
85	B-cell development. Trends in Immunology, 1981, 2, 212-216.	7.5	16
86	Differentiation of the mouse hepatic primordium. II. Extrinsic origin of the haemopoietic cell line. Cell Differentiation, 1981, 10, 243-252.	1.3	145
87	Immunofluorescent detection of erythrocyte sialoglycoprotein antigens on murine erythroid cells Journal of Cell Biology, 1982, 93, 591-602.	2.3	12
88	The location and synthesis of transferrin in mouse embryos and teratocarcinoma cells. Developmental Biology, 1982, 91, 227-234.	0.9	56
89	Ontogeny of hematopoietic cells in Rana pipiens: Precursor cell migration during embryogenesis. Developmental Biology, 1982, 89, 138-151.	0.9	58
90	"Hemogenic endothelium―of the embryonic aorta: Does it exist?. Developmental and Comparative Immunology, 1982, 6, 359-368.	1.0	72
91	Studies of circulating hemopoietic progenitor cells in human fetal blood. Blood, 1982, 59, 976-979.	0.6	95

#	Article	IF	CITATIONS
92	Effect of low-dose whole-body irradiation on granulopoietic progenitor cell subpopulations: implications for CFUc release. Cell Proliferation, 1982, 15, 371-379.	2.4	5
93	Mixed myeloid—lymphoid colonies in a patient with polycythemia vera. American Journal of Hematology, 1982, 12, 419-423.	2.0	6
94	Adult hemoglobins are synthesized in yolk sac microenvironment obtained from murine cultured blastocysts. Cell Differentiation, 1983, 13, 125-131.	1.3	9
95	The liver hemopoietic environment: I. Developing hepatocytes and their role in fetal hemopoiesis. The Anatomical Record, 1983, 207, 31-41.	2.3	77
96	Hemopoietic stromal microenvironment. American Journal of Hematology, 1983, 15, 195-203.	2.0	164
97	Presence of mast cell precursors in the yolk sac of mice. Developmental Biology, 1983, 97, 89-94.	0.9	83
98	Expression of Ecotropic Murine Leukaemia Virus in Haemopoietic Cells of AKR Mice during the Embryonic and Neonatal Period. Journal of General Virology, 1983, 64, 2051-2055.	1.3	4
99	Developmental genetics of the human haemoglobins. Biochemical Journal, 1983, 215, 1-10.	1.7	31
100	Two types of immature megakaryocytic series in the human fetal liver Archivum Histologicum Japonicum, 1983, 46, 103-114.	1.0	11
101	Development of pluripotent hematopoietic progenitor cells in the human fetus. Blood, 1983, 62, 118-123.	0.6	83
102	OntogenÃ [¨] se et différenciation des lymphocytes B à lgE chez le rat. Reproduction, Nutrition, Development, 1984, 24, 167-173.	1.9	0
103	Pattern of serum protein gene expression in mouse visceral yolk sac and foetal liver EMBO Journal, 1984, 3, 1881-1885.	3.5	158
104	Altered Development of Immunocompetence Following Prenatal or Combined Prenatal-Postnatal Insult: A Timely Review. Journal of the American College of Toxicology, 1984, 3, 57-72.	0.2	18
105	A histochemical and immunohistological study of a testicular malignant teratoma containing embryonic and extraembryonic elements in various stages of development. Histopathology, 1984, 8, 125-134.	1.6	4
106	Ontogeny of primary lymphoid organs and lymphoid stem cells. American Journal of Anatomy, 1984, 170, 261-299.	0.9	147
107	A flow cytometric analysis of the embryonic origin of lymphocytes in diploid/triploid chimeric Xenopus laevis. Developmental Biology, 1984, 104, 247-254.	0.9	24
108	Differential contribution of dorsal and ventral lateral plate mesoderm to hemopoiesis during Rana pipiens embryogenesis. Developmental Biology, 1984, 104, 497-499.	0.9	7
109	Putative B lymphocyte lineage precursor cells in early murine embryos. Developmental and Comparative Immunology, 1984, 8, 887-894.	1.0	11

#	Article	IF	CITATIONS
110	Ability of Lithium to Accelerate the Recovery of Granulopoiesis after Subacute Radiation Injury. Acta Radiologica Oncology, 1984, 23, 361-366.	0.5	12
111	Changes of Bone Marrow Cell and Peripheral Blood Cell Counts in New-born Mice. Experimental Animals, 1984, 33, 339-344.	0.7	4
112	Phagocytic activity in mouse embryonic liver and spleen following hemolysis. Blut, 1985, 50, 195-200.	1.2	2
113	Differential dysmorphogenesis induced by microinjection of an alkylating agent into rat conceptuses cultured in vitro. Teratology, 1985, 31, 61-72.	1.8	7
114	Hemopoietic differentiation potential of cultured lateral plate mesoderm explanted from Rana pipiens embryos at successive developmental stages. Differentiation, 1985, 28, 244-249.	1.0	7
115	Isolation and characterization of Abelson murine leukemia virus-transformed mast cell lines from midgestation embryonic placenta. European Journal of Immunology, 1985, 15, 1136-1141.	1.6	10
116	Ontogeny of hemopoietic and lymphopoietic tissues in the lizardChalcides ocellatus (Reptilia, Sauna,) Tj ETQq0 C	0 rgBT /C	verlock 10 1 12
117	Expression of latent hematopoietic progenitor cells in cultures of newborn and adult baboon liver. Blood, 1985, 65, 1518-1525.	0.6	3
118	Stem cell deficiencies and thymic abnormalities in fetal mouse trisomy 16 Journal of Experimental Medicine, 1985, 162, 695-712.	4.2	35
119	Fusion disability of embryonic osteoclast precursor cells and macrophages in the microphthalmic osteopetrotic mouse. Bone, 1985, 6, 43-52.	1.4	78
120	Chronic granulocytic leukaemia: A defect in cellular interactions between stromal and haemopoietic stem cells?. Medical Hypotheses, 1985, 17, 69-77.	0.8	3
121	Human embryonic hemopoiesis. Kinetics of progenitors and precursors underlying the yolk sacliver transition Journal of Clinical Investigation, 1986, 78, 51-60.	3.9	265
122	Properties of the earliest clonogenic hemopoietic precursors to appear in the developing murine yolk sac Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 3851-3854.	3.3	165
123	Unique Pattern of Gene Expression in the Erythroid Precursor Cells. (gene) Tj ETQq1 1 0.784314 rgBT /Overlock 2	10 Tf 50 22	22 ₇ Td (expre

124	The fetal liver as an alternative stem cell source for hemolymphopoietic reconstitution. International Journal of Cell Cloning, 1986, 4, 237-249.	1.6	23
125	Yolk sac failure in embryopathy due to hyperglycemia: Ultrastructural analysis of yolk sac differentiation associated with embryopathy in rat conceptuses under hyperglycemic conditions. Teratology, 1986, 33, 73-84.	1.8	115
126	Early Events in T-Cell Maturation. Annual Review of Immunology, 1987, 5, 325-365.	9.5	234
127	Age-dependent Change in Size Distribution of Blood Cells in Fetal and Young Mice. Experimental Animals, 1987, 36, 177-183.	0.7	3

#	Article	IF	CITATIONS
128	Development and histogenesis of the thymus in dog. A light and electron microscopical study. Developmental and Comparative Immunology, 1987, 11, 227-238.	1.0	24
129	Human Ontogenic Development: Studies on the Hemopoietic System and the Expression of Homeo Box Genes. Annals of the New York Academy of Sciences, 1987, 511, 101-116.	1.8	6
130	Proliferation Activity of Stromal Stem Cells (CFU-f) from Hemopoietic Organs of Pre- and Postnatal Mice. Radiation Research, 1987, 111, 185.	0.7	12
131	Characteristics of Murine Yolk Sac Erythroid Progenitors and Their Population Expansion in Liquid Culture. International Journal of Cell Cloning, 1987, 5, 134-141.	1.6	0
132	In vitro differentiation of mouse embryonic yolk sac cells. Differentiation, 1987, 36, 185-193.	1.0	9
133	Stromal stem cells (CFUâ€f) in yolk sac, liver, spleen and bone marrow of pre―and postnatal mice. British Journal of Haematology, 1987, 66, 15-20.	1.2	54
134	Haemopoiesis in long-term cultures of liver, spleen and bone marrow of pre- and postnatal mice: CFU-GM production. British Journal of Haematology, 1988, 70, 273-277.	1.2	11
135	In vivo homing of thymus-enriched bone marrow cells. The Anatomical Record, 1988, 221, 714-719.	2.3	1
136	Origin of aortic cell clusters in the chicken embryo. The Anatomical Record, 1988, 222, 60-68.	2.3	25
137	Mediastinal germ cell tumors and histiocytosis. Human Pathology, 1988, 19, 586-590.	1.1	48
138	Aspects of haemopoietic cell dynamics: Ontogeny and targeted migration. Annales De L'Institut Pasteur Immunologie, 1988, 139, 409-431.	0.9	9
139	Phenol Oxidase (EC 1.14.18.1) A Marker Enzyme for Defense Cells. Progress in Histochemistry and Cytochemistry, 1988, 17, III-186.	5.1	11
140	The dominant-white spotting (W) locus of the mouse encodes the c-kit proto-oncogene. Cell, 1988, 55, 185-192.	13.5	1,292
141	Granulocyte/Macrophage Colony-Forming Units from Cord Blood of Premature and Full-Term Neonates: Its Role in Ontogeny of Human Hemopoiesis. Pediatric Research, 1988, 24, 701-702.	1.1	8
142	B cell ontogeny in murine embryo studied by a culture system with the monolayer of a stromal cell clone, ST2: B cell progenitor develops first in the embryonal body rather than in the yolk sac EMBO Journal, 1988, 7, 1337-1343.	3.5	264
143	Development, Differentiation, and Maturation of Fetal Mouse Yolk Sac Macrophages in Cultures. Journal of Leukocyte Biology, 1989, 46, 1-10.	1.5	74
144	Expression of c-kit gene products in known cellular targets of W mutations in normal and W mutant miceevidence for an impaired c-kit kinase in mutant mice Genes and Development, 1989, 3, 816-826.	2.7	468
145	The development of spatial distributions of CFU-S and in-vitro CFC in femora of mice of different ages. British Journal of Haematology, 1989, 73, 455-461.	1.2	35

#	Article	IF	CITATIONS
146	Experimental analysis of ventral blood island hematopoiesis in Xenopus embryonic chimeras. Developmental Biology, 1989, 131, 302-312.	0.9	26
147	Hemopoietic stem cells in murine embryonic yolk sac and peripheral blood Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 7456-7459.	3.3	97
148	The sites of intra-embryonic haemopoiesis prior to the hepatic haemopoiesis in the chick Archives of Histology and Cytology, 1989, 52, 355-360.	0.2	3
149	Differentiation, Maturation, and Proliferation of Macrophages in the Mouse Yolk Sac: A Light-Microscopic, Enzyme-Cytochemical, Immunohistochemical, and Ultrastructural Study. Journal of Leukocyte Biology, 1989, 45, 87-96.	1.5	204
150	Development, Differentiation, and Maturation of Macrophages in the Fetal Mouse Liver. Journal of Leukocyte Biology, 1990, 48, 27-37.	1.5	98
151	The genes for leukemia inhibitory factor and interleukin-6 are expressed in mouse blastocysts prior to the onset of hemopoiesis Molecular and Cellular Biology, 1990, 10, 4953-4956.	1.1	118
152	Modes of Cell Migration in the Vertebrate Embryo. International Review of Cytology, 1990, 123, 201-252.	6.2	18
153	The architecture of bone marrow cell populations. International Journal of Cell Cloning, 1990, 8, 317-331.	1.6	89
154	Human umbilical cord blood: A clinically useful source of transplantable hematopoietic stem/progenitor cells. International Journal of Cell Cloning, 1990, 8, 76-91.	1.6	152
155	Development, morphology, and function of the yolk-sac placenta of laboratory rodents. Teratology, 1990, 41, 361-381.	1.8	259
156	Experimental manipulation of the rodent visceral yolk sac. Teratology, 1990, 41, 395-404.	1.8	63
157	Lymphohematopoiesis: Role of Growth Factors in Leukemogenesis and Therapy. Hematology/Oncology Clinics of North America, 1990, 4, 849-865.	0.9	0
158	Ontogeny of the rat Immune system: An immunohistochemical approach. Developmental and Comparative Immunology, 1990, 14, 9-18.	1.0	49
159	Alpha-particle Irradiation of Haemopoietic Tissue in Pre- and Postnatal Mice. International Journal of Radiation Biology, 1991, 59, 467-478.	1.0	13
160	A functional c-myb gene is required for normal murine fetal hepatic hematopoiesis. Cell, 1991, 65, 677-689.	13.5	1,016
161	Culture media for postimplantation embryos. Reproductive Toxicology, 1991, 5, 223-228.	1.3	10
162	Developmental hematopoiesis in normal human fetal blood. Blood, 1991, 77, 2360-2363.	0.6	213
163	Support of early B-cell differentiation in mouse fetal liver by stromal cells and interleukin-7. Blood, 1991, 77, 2612-2617.	0.6	35

#	Article	IF	CITATIONS
164	Fetal liver hematopoietic stem cells as a target for in utero retroviral gene transfer. Blood, 1991, 78, 1132-1139.	0.6	53
165	Expression of GATA-binding proteins during embryonic development in Xenopus laevis Proceedings of the United States of America, 1991, 88, 10642-10646.	3.3	171
166	Embryonic stem cell grafting: the therapy of the future?. Human Reproduction, 1991, 6, 79-84.	0.4	10
167	Adoptive transfer of the hematopoietic system of trisomic mice with limited life span: Stem cells from six different trisomies are capable of survival. Genesis, 1991, 12, 415-422.	3.1	4
168	Bone marrow: A site for hemopoietic precursor cell development. Introduction to the symposium on bone marrow: A site for hemopoietic precursor cell development. American Journal of Anatomy, 1991, 191, 301-302.	0.9	0
169	Erythroid stem cell culture in serum-depleted medium. Cytotechnology, 1991, 13, 69-75.	0.3	1
170	Early embryonal/fetal lymphopoietic ontogeny and leukemogenesis. Annals of Hematology, 1991, 63, 291-296.	0.8	4
171	The gene for erythropoietin receptor is expressed in multipotential hematopoietic and embryonal stem cells: evidence for differentiation stage-specific regulation Molecular and Cellular Biology, 1992, 12, 1815-1826.	1.1	88
172	Lymphocyte Development from Stem Cells. Annual Review of Immunology, 1992, 10, 759-783.	9.5	165
173	Altering Genes in Animals by Gene Targeting. Annual Review of Immunology, 1992, 10, 705-730.	9.5	219
174	Umbilical Cord and Placental Blood Hematopoietic Stem Cells: Collection, Cryopreservation, and Storage. Stem Cells and Development, 1992, 1, 167-173.	1.0	50
175	Developmental changes in erythropoietin receptor expression of fetal mouse liver. FEBS Letters, 1992, 298, 169-172.	1.3	15
176	Mouse MRP8 and MRP14, two intracellular calcium-binding proteins associated with the development of the myeloid lineage. Blood, 1992, 79, 1907-1915.	0.6	130
177	Identification and characterization of osteoclast progenitors by clonal analysis of hematopoietic cells. Blood, 1992, 80, 1710-1716.	0.6	33
178	Mice deficient for Rb are nonviable and show defects in neurogenesis and haematopoiesis. Nature, 1992, 359, 288-294.	13.7	1,259
179	The haemopoietic stem cell: properties and control mechanisms. Seminars in Cell Biology, 1992, 3, 423-434.	3.5	9
180	Eosinophilic granulopoiesis in human fetal liver. The Anatomical Record, 1993, 235, 453-460.	2.3	11
181	Origin of extraembryonic mesoderm in experimental animals: Relevance to chorionic mosaicism in humans. American Journal of Medical Genetics Part A, 1993, 46, 542-550.	2.4	132

		CITATION RE	PORT	
#	Article		IF	CITATIONS
182	An early pre-liver intraembryonic source of CFU-S in the developing mouse. Nature, 199	3, 364, 64-67.	13.7	469
183	Para-aortic splanchnopleura from early mouse embryos contains B1a cell progenitors. N 364, 67-70.	lature, 1993,	13.7	361
184	Common antigen of oval and biliary epithelial cells (A6) is a differentiation marker of ep erythroid cell lineages in early development of the mouse. Differentiation, 1993, 55, 19		1.0	54
185	Generation of normal lymphocyte populations by Rb-deficient embryonic stem cells. Cu 1993, 3, 405-413.	rrent Biology,	1.8	37
186	Development, differentiation, and proliferation of macrophages in the rat yolk sac. Tiss 1993, 25, 351-362.	ue and Cell,	1.0	51
187	Umbilical Cord Blood Stem Cell Transplantation: Current Status and Future Prospects (Cells and Development, 1993, 2, 225-228.	1992). Stem	1.0	7
188	Hematopoietic commitment during embryonic stem cell differentiation in culture Mole Cellular Biology, 1993, 13, 473-486.	ecular and	1.1	859
189	Umbilical Cord and Placental Blood Transplantation: Analysis of the Clinical Results. Ste Development, 1993, 2, 265-268.	m Cells and	1.0	4
191	Diamond-Blackfan Anemia Associated with Treacher-Collins Syndrome. Pediatric Hemat Oncology, 1993, 10, 261-265.	ology and	0.3	14
192	Macrophage Heterogeneity in Development and Differentiation Archives of Histology 1993, 56, 331-351.	and Cytology,	0.2	87
193	Identification and characterization of hematopoietic stem cells from the yolk sac of the embryo Proceedings of the National Academy of Sciences of the United States of Ame 10110-10114.	early mouse rica, 1993, 90,	3.3	136
194	At day 8-8.5 of mouse development the yolk sac, not the embryo proper, has lymphoid potential in vivo and in vitro Proceedings of the National Academy of Sciences of the U of America, 1993, 90, 6581-6585.	precursor Inited States	3.3	58
195	Differentiation and characterization of B-cell precursors detected in the yolk sac and enembryos beginning at the 10- to 12-somite stage Proceedings of the National Academ the United States of America, 1993, 90, 6429-6433.		3.3	94
196	Mechanisms of thymus homing. Blood, 1993, 81, 1-8.		0.6	69
197	Granulocyte colony-stimulating factor crosses the placenta and stimulates fetal rat grad Blood, 1993, 81, 916-922.	nulopoiesis.	0.6	86
198	Hematopoietic growth factor receptor genes as markers of lineage commitment during development of hematopoietic cells [see comments]. Blood, 1993, 81, 2903-2915.	in vitro	0.6	94
199	Identification of pro-thymocytes in murine fetal blood: T lineage commitment can prece colonization EMBO Journal, 1994, 13, 4229-4240.	de thymus	3.5	180
200	Murine yolk sac endoderm- and mesoderm-derived cell lines support in vitro growth and differentiation of hematopoietic cells. Blood, 1994, 83, 2436-2443.	1	0.6	71

		CITATION REPORT		
# 201	ARTICLE The Role of Hematopoietic Stromal Cells in the Regulation of Hematopoiesis1. , 1994, ,	22-48	IF	CITATIONS
201		. 22 70.		0
202	A monoclonal antibody (ER-HR3) against murine macrophages. I. Ontogeny, distributio histochemical characterization of ER-HR3-positive cells. Cell and Tissue Research, 1994	n and enzyme , 275, 567-576.	1.5	17
203	Developmental Events from Hemopoietic Stem Cells to B-Cell Populations and Ig Reper Immunological Reviews, 1994, 137, 155-171.	toires.	2.8	15
204	An early haematopoietic defect in mice lacking the transcription factor GATA-2. Nature 221-226.	, 1994, 371,	13.7	1,314
205	Subpopulations of CD34-positive haemopoietic progenitors in fetal blood. British Journ Haematology, 1994, 87, 634-636.	al of	1.2	48
206	The Oncogenic Cysteine-rich LIM domain protein Rbtn2 is essential for erythroid develo 1994, 78, 45-57.	opment. Cell,	13.5	582
207	Isolation of tyrosine kinase related genes expressed in the early hematopoietic system. 1994, 348, 119-125.	FEBS Letters,	1.3	10
208	Development of hematopoietic stem cell activity in the mouse embryo. Immunity, 1994	4, 1, 291-301.	6.6	804
209	Malignant Fibrous Histiocytoma and Macrophage Differentiation Acta Histochemica E 1994, 27, 11-15.	t Cytochemica,	0.8	0
210	Review Article : The Yolk Sac Theory. Journal of the Society for Gynecologic Investigatic	on, 1994, 1, 3-13.	1.9	51
211	Absence of yolk sac hematopoiesis from mice with a targeted disruption of the scl gen of the National Academy of Sciences of the United States of America, 1995, 92, 7075-2	e Proceedings 7079.	3.3	528
212	Intraembryonic hematopoietic cell migration during vertebrate development Proceedi National Academy of Sciences of the United States of America, 1995, 92, 10713-1071	ngs of the 7.	3.3	549
213	Murine B Cell Development: Commitment and Progression from Multipotential Progen B Lymphocytes. International Review of Cytology, 1995, 157, 129-179.	itors to Mature	6.2	26
214	Mouse embryonic hematopoiesis. Trends in Genetics, 1995, 11, 359-366.		2.9	234
215	Expression of FcÎ ³ RIII defines distinct subpopulations of fetal liver B cell and myeloid pr European Journal of Immunology, 1995, 25, 2308-2317.	ecursors.	1.6	26
216	Whole embryo culture and the study of postimplantation mammalian development. De Growth and Differentiation, 1995, 37, 123-132.	evelopment	0.6	15
217	Potential intraembryonic hemogenic sites at pre-liver stages in the mouse. Anatomy an 1995, 192, 425-35.	d Embryology,	1.5	191
218	Pathways from hematopoietic stem cells to thymocytes. Current Opinion in Immunolog 176-187.	gy, 1995, 7,	2.4	55

ARTICLE IF CITATIONS # Directed endothelial differentiation of cultured embryonic yolk sac cells in vivo provides a novel 219 1.4 22 cellâ€based system for gene therapy. Stem Cells, 1995, 13, 541-547. The use of umbilical cord blood as a cellular source for correction of genetic diseases affecting the 1.4 hematopoietic system. Stem Cells, 1995, 13, 613-621. 221 Blood stem cell transplantation: From preclinical to clinical models. Stem Cells, 1995, 13, 1-12. 101 1.4 The Biology of Hematopoietic Stem Cells. Annual Review of Cell and Developmental Biology, 1995, 11, 4.0 35-71. Characterization of hematopoietic progenitors from human yolk sacs and embryos. Blood, 1995, 86, 223 0.6 68 4474-4485. Primordial germ cells are capable of producing cells of the hematopoietic system in vitro. Blood, 1995, 224 86, 463-472. Generation of hematopoietic colony-forming cells from embryonic stem cells: synergy between a 225 0.6 20 soluble factor from NIH-3T3 cells and hematopoietic growth factors. Blood, 1995, 85, 3127-3133. Blood-derived autografts collected during granulocyte colony- stimulating factor-enhanced 0.6 recovery are enriched with early Thy-1+ hematopoietic progenitor cells. Blood, 1995, 85, 1936-1943. Engraftment of bone marrow cells into normal unprepared hosts: effects of 5-fluorouracil and cell 227 0.6 85 cycle status. Blood, 1995, 86, 924-929. Murine embryonic yolk sac cells promote in vitro proliferation of bone marrow high proliferative 39 potential colony-forming cells. Blood, 1995, 86, 1322-1330. Molecular evidence that in situ-transduced fetal liver hematopoietic stem/progenitor cells give rise 229 0.6 57 to medullary hematopoiesis in adult rats. Blood, 1995, 86, 2113-2122. CD34+ endothelial cell lines derived from murine yolk sac induce the proliferation and 84 differentiation of yolk sac CD34+ hematopoietic progenitors. Blood, 1995, 86, 4454-4467. Induced tolerance and chimaerism in human fetuses using coelocentesis: a medical opportunity to 231 5.2 17 avert genetic disease?. Human Reproduction Update, 1995, 1, 419-427. Hemopoietic-initiating cells. Journal of Perinatal Medicine, 1995, 23, 31-38. 233 B-lymphoid potential in pre-liver mouse embryo. Seminars in Immunology, 1995, 7, 131-141. 2.7 18 Generation of committed erythroid BFU-E and CFU-E progenitors does not require erythropoietin or 234 961 the erythropoietin receptor. Cell, 1995, 83, 59-67. A Xenopus c-kit-related receptor tyrosine kinase expressed in migrating stem cells of the lateral line 235 1.7 32 system. Mechanisms of Development, 1995, 50, 217-228. GATA factors and the origins of adult and embryonic blood in Xenopus: responses to retinoic acid. Mechanisms of Development, 1996, 57, 199-214.

#	ARTICLE	IF	CITATIONS
237	Elevated DNA Excision Repair Capacity in the Extraembryonic Mesoderm of the Midgestation Mouse Embryo. Experimental Cell Research, 1996, 228, 19-28.	1.2	21
238	Hematopoietic Stem Cell Emergence in Embryonic Life: Developmental Hematology Revisited. Stem Cells and Development, 1996, 5, 369-378.	1.0	60
239	Definitive Hematopoiesis Is Autonomously Initiated by the AGM Region. Cell, 1996, 86, 897-906.	13.5	1,349
240	Lymphoid Potential, Probed before Circulation in Mouse, Is Restricted to Caudal Intraembryonic Splanchnopleura. Cell, 1996, 86, 907-916.	13.5	533
241	The CBFβ Subunit Is Essential for CBFα2 (AML1) Function In Vivo. Cell, 1996, 87, 697-708.	13.5	620
242	In Vitro Development of Primitive and Definitive Erythrocytes from Different Precursors. Science, 1996, 272, 722-724.	6.0	221
243	The transcriptional control of hematopoiesis [see comments]. Blood, 1996, 87, 4025-4039.	0.6	590
244	Hematopoietic defects in mice lacking the sialomucin CD34. Blood, 1996, 87, 479-490.	0.6	195
245	The repopulation potential of fetal liver hematopoietic stem cells in mice exceeds that of their liver adult bone marrow counterparts. Blood, 1996, 87, 3500-3507.	0.6	215
246	Estimation of the number of hematopoietic precursor cells during fetal mouse development by covariance analysis. Blood, 1996, 88, 2502-2509.	0.6	9
247	Primitive lymphohematopoietic precursor cell lines generated in culture from day 7 early-mid-primitive streak stage mouse embryo EMBO Journal, 1996, 15, 6869-6876.	3.5	10
248	Disruption of the Cbfa2 gene causes necrosis and hemorrhaging in the central nervous system and blocks definitive hematopoiesis Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3444-3449.	3.3	1,129
249	The temporary anatomical structures prominent in the first trimester may be fulfilling exchange functions assigned to the placenta in the second and third trimester. Human Reproduction, 1996, 11, 1157-1161.	0.4	19
250	Developmental-Stage-Specific Expression and Regulation of an Amphotropic Retroviral Receptor in Hematopoietic Cells. Molecular and Cellular Biology, 1996, 16, 4240-4247.	1.1	30
251	Developmental silencing of the embryonic zeta-globin gene: concerted action of the promoter and the 3'-flanking region combined with stage-specific silencing by the transcribed segment. Molecular and Cellular Biology, 1996, 16, 2637-2646.	1.1	61
252	In vitro and in vivo differentiation into B cells, T cells, and myeloid cells of primitive yolk sac hematopoietic precursor cells expanded >100-fold by coculture with a clonal yolk sac endothelial cell line. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14782-14787.	3.3	72
253	Role of yolk sac endodermal cells with special reference to the fetal macrophage differentiation. Journal of Leukocyte Biology, 1996, 59, 139-144.	1.5	7
254	Continuous cultures of macrophages derived from the 8-day epiblast of the pig. In Vitro Cellular and Developmental Biology - Animal, 1996, 32, 541-549.	0.7	14

#	Article	IF	CITATIONS
255	Flow cytometric identification of murine neutrophils and monocytes. Journal of Immunological Methods, 1996, 197, 139-150.	0.6	314
256	Expression of bone marrow stromal cell specific antigen during murine development:Its expression in embryonic hematopoietic tissues as well as in other developing tissues. Pathology International, 1996, 46, 243-252.	0.6	0
257	Development and heterogeneity of macrophages and their related cells through their differentiation pathways. Pathology International, 1996, 46, 473-485.	0.6	172
258	Blood island formation in attached cultures of murine embryonic stem cells. Developmental Dynamics, 1996, 205, 1-12.	0.8	76
259	Erythropoietin in mouse avascular yolk sacs is increased by retinoic acid. , 1996, 207, 184-194.		18
260	Hematopoietic Stem Cells in the Mouse Embryonic Yolk Sac. Stem Cells, 1996, 14, 269-280.	1.4	56
261	Differential effects of an erythropoietin receptor gene disruption on primitive and definitive erythropoiesis Genes and Development, 1996, 10, 154-164.	2.7	385
262	Identification of CRAMP, a Cathelin-related Antimicrobial Peptide Expressed in the Embryonic and Adult Mouse. Journal of Biological Chemistry, 1997, 272, 13088-13093.	1.6	360
263	GENETICS OF ERYTHROPOIESIS:Induced Mutations in Mice and Zebrafish. Annual Review of Genetics, 1997, 31, 33-60.	3.2	92
264	EMBRYONIC STEM CELLS AND HEMATOPOIETIC STEM CELL BIOLOGY. Hematology/Oncology Clinics of North America, 1997, 11, 1185-1198.	0.9	8
265	DEVELOPMENTAL BIOLOGY OF HEMATOPOIESIS. Hematology/Oncology Clinics of North America, 1997, 11, 1115-1147.	0.9	21
266	Regulation of Hematopoiesis by Microvascular Endothelium. Leukemia and Lymphoma, 1997, 27, 375-386.	0.6	144
267	Expression of the Proliferation-Related Ki-67 mRNA in the Early Development of Murine Embryo. Biochemical and Biophysical Research Communications, 1997, 235, 191-196.	1.0	2
268	Insulin-like Growth Factor Binding Protein Gene Expression in the Pregnant Rat Uterus and Placenta. Developmental Biology, 1997, 184, 278-295.	0.9	35
269	Characterization of Definitive Lymphohematopoietic Stem Cells in the Day 9 Murine Yolk Sac. Immunity, 1997, 7, 335-344.	6.6	392
270	A Requirement for Flk1 in Primitive and Definitive Hematopoiesis and Vasculogenesis. Cell, 1997, 89, 981-990.	13.5	848
271	Hemato-lymphoid in vivo reconstitution potential of subpopulations derived from in vitro differentiated embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10295-10300.	3.3	77
272	In vivo repopulating hematopoietic stem cells are present in the murine yolk sac at day 9.0 postcoitus. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6776-6780.	3.3	234

#	Article	IF	CITATIONS
273	In Vitro Maintenance of Highly Purified, Transplantable Hematopoietic Stem Cells. Blood, 1997, 89, 4337-4347.	0.6	358
274	Impaired Steel Factor Responsiveness Differentially Affects the Detection and Long-Term Maintenance of Fetal Liver Hematopoietic Stem Cells In Vivo. Blood, 1997, 89, 1214-1223.	0.6	75
275	Leptin Stimulates Fetal and Adult Erythroid and Myeloid Development. Blood, 1997, 89, 1507-1512.	0.6	135
276	Engraftment of Embryonic Hematopoietic Cells in Conditioned Newborn Recipients. Blood, 1997, 89, 2176-2183.	0.6	128
277	A Shortened Life Span of EKLFâ^'/â^' Adult Erythrocytes, Due to a Deficiency of β-Globin Chains, Is Ameliorated by Human γ-Globin Chains. Blood, 1997, 90, 1291-1299.	0.6	42
278	From stem cells to lymphocytes; biology and transplantation. Immunological Reviews, 1997, 157, 13-40.	2.8	64
279	Hematopoiesis: Origin pinned down at last?. Current Biology, 1997, 7, R10-R12.	1.8	17
280	Differential alterations in metabolic pattern of the six major UsnRNAs during development. Molecular and Cellular Biochemistry, 1997, 177, 79-88.	1.4	13
281	Intrinsic control of stem cell fate. Stem Cells, 1997, 15, 223-227.	1.4	20
282	Hematopoietic stem cells: challenges to expectations. Current Opinion in Immunology, 1997, 9, 216-221.	2.4	53
283	Preferential adhesion of fetal liver derived primitive haemopoietic progenitor cells to bone marrow stroma. British Journal of Haematology, 1997, 99, 726-731.	1.2	6
283 284		1.2	6 15
	stroma. British Journal of Haematology, 1997, 99, 726-731.	1.2	
284	stroma. British Journal of Haematology, 1997, 99, 726-731. Hematopoietic stem cells: Embryonic beginnings. , 1997, 173, 216-218.	1.2	15
284 285	 stroma. British Journal of Haematology, 1997, 99, 726-731. Hematopoietic stem cells: Embryonic beginnings. , 1997, 173, 216-218. Expression of the metastasis-associatedmts1 gene during mouse development. , 1997, 210, 87-95. The SCL gene specifies haemangioblast development from early mesoderm. EMBO Journal, 1998, 17, 		15 45
284 285 286	 stroma. British Journal of Haematology, 1997, 99, 726-731. Hematopoietic stem cells: Embryonic beginnings. , 1997, 173, 216-218. Expression of the metastasis-associatedmts1 gene during mouse development. , 1997, 210, 87-95. The SCL gene specifies haemangioblast development from early mesoderm. EMBO Journal, 1998, 17, 4029-4045. Activin A and inhibin B in extra-embryonic coelomic and amniotic fluids, and maternal serum in early 	3.5	15 45 412
284 285 286 287	 stroma. British Journal of Haematology, 1997, 99, 726-731. Hematopoietic stem cells: Embryonic beginnings. , 1997, 173, 216-218. Expression of the metastasis-associatedmts1 gene during mouse development. , 1997, 210, 87-95. The SCL gene specifies haemangioblast development from early mesoderm. EMBO Journal, 1998, 17, 4029-4045. Activin A and inhibin B in extra-embryonic coelomic and amniotic fluids, and maternal serum in early pregnancy. Placenta, 1998, 19, 435-438. Hepatic oval cells express the hematopoietic stem cell marker thy-1 in the rat. Hepatology, 1998, 27, 	3.5 0.7	15 45 412 25

#	Article	IF	CITATIONS
291	Cell-cell signalling in the regulation of blood cell formation and function. Immunology and Cell Biology, 1998, 76, 441-447.	1.0	13
292	Stem cell factor induces proliferation and differentiation of fetal progenitor cells in the mouse. British Journal of Haematology, 1998, 101, 676-687.	1.2	34
293	Developmental biology of erythropoiesis. Blood Reviews, 1998, 12, 106-114.	2.8	148
294	Qualitative and quantitative aspects of haematopoietic cell development in the mammalian embryo. Trends in Immunology, 1998, 19, 228-236.	7.5	158
295	Developmental changes in the differentiation capacity of haematopoietic stem cells. Trends in Immunology, 1998, 19, 236-241.	7.5	49
296	Role of endothelium in the control of mouse yolk sac stem cell differentiation. Developmental and Comparative Immunology, 1998, 22, 333-338.	1.0	10
297	Antigenic profiles of endothelial and hemopoietic lineages in murine intraembryonic hemogenic sites. Developmental and Comparative Immunology, 1998, 22, 303-319.	1.0	72
298	Development of the definitive hematopoietic hierarchy in the mouse. Developmental and Comparative Immunology, 1998, 22, 289-301.	1.0	46
299	Hematopoietic tissues, as a playground of receptor tyrosine kinases of the PDGF-receptor family. Developmental and Comparative Immunology, 1998, 22, 321-332.	1.0	24
300	Development of t-cells during fish embryogenesis. Developmental and Comparative Immunology, 1998, 22, 253-263.	1.0	79
301	In Vitro Expansion of Murine Multipotential Hematopoietic Progenitors from the Embryonic Aorta–Gonad–Mesonephros Region. Immunity, 1998, 8, 105-114.	6.6	147
302	Jak2 Deficiency Defines an EssentialDevelopmental Checkpoint in DefinitiveHematopoiesis. Cell, 1998, 93, 397-409.	13.5	908
303	Hemangioblast development and regulation. Biochemistry and Cell Biology, 1998, 76, 947-956.	0.9	78
304	Cloning, Expression Analysis, and Functional Characterization of PKL12, a Member of a New Subfamily of ser/thr Kinases. Biochemical and Biophysical Research Communications, 1998, 249, 380-384.	1.0	28
305	c-Kit and CD38 are expressed by long-term reconstituting hematopoietic cells present in the murine yolk sac. Biology of Blood and Marrow Transplantation, 1998, 4, 69-74.	2.0	25
306	Molecular and Cellular Events in Early Thymocyte Development 11Received for publication October 14, 1997. Advances in Immunology, 1998, 69, 1-112.	1.1	130
307	Natural Killer and B-Lymphoid Potential in CD34+ Cells Derived From Embryonic Stem Cells Differentiated in the Presence of Vascular Endothelial Growth Factor. Blood, 1998, 91, 2283-2295.	0.6	59
308	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	76

#	Article	IF	Citations
309	Hematopoietic Stem Cell Maintenance and Differentiation Are Supported by Embryonic Aorta-Gonad-Mesonephros Region–Derived Endothelium. Blood, 1998, 92, 908-919.	0.6	122
310	Oxygen tension modulates βâ€globin switching in embryoid bodies. FASEB Journal, 1999, 13, 285-295.	0.2	26
311	Human Cord Blood Progenitors Sustain Thymic T-Cell Development and a Novel Form of Angiogenesis. Blood, 1999, 94, 3928-3940.	0.6	66
312	Expression of 4-Integrin Defines the Earliest Precursor of Hematopoietic Cell Lineage Diverged From Endothelial Cells. Blood, 1999, 93, 1168-1177.	0.6	92
313	In Vitro Hematopoietic and Endothelial Cell Development From Cells Expressing TEK Receptor in Murine Aorta-Gonad-Mesonephros Region. Blood, 1999, 93, 1549-1556.	0.6	77
314	Identification of differentially expressed mRNAs in human fetal liver across gestation. Nucleic Acids Research, 1999, 27, 839-847.	6.5	48
315	Embryonic Stem Cells Release Potentially Novel Hematopoietic Factors. Acta Haematologica, 1999, 102, 172-179.	0.7	0
316	Murine Yolk Sac and Bone Marrow Hematopoietic Cells with High Proliferative Potential Display Different Capacities for Producing Colony-Forming Cells Ex Vivo. Journal of Hematotherapy and Stem Cell Research, 1999, 8, 421-430.	1.8	12
317	(R)Evolutionary Considerations in Hematopoietic Development. Annals of the New York Academy of Sciences, 1999, 872, 83-93.	1.8	9
318	Embryonic Beginnings of Definitive Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 1999, 872, 256-264.	1.8	37
319	Stem Cells, Pre-Progenitor Cells and Lineage-Committed Cells: Are Our Dogmas Correct?. Annals of the New York Academy of Sciences, 1999, 872, 289-304.	1.8	65
320	Effects ofin UteroAlcohol Exposure on B Cell Development in Neonatal Spleen and Bone Marrow. Cellular Immunology, 1999, 191, 124-130.	1.4	23
321	New advances in human embryology: morphofunctional relationship between the embryo and the yolk sac. Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan, 1999, 32, 67-78.	1.8	28
322	Microglia derive from progenitors, originating from the yolk sac, and which proliferate in the brain. Developmental Brain Research, 1999, 117, 145-152.	2.1	663
323	Development of the hematopoietic system in the mouse. Experimental Hematology, 1999, 27, 777-787.	0.2	140
324	Detailed characterization of the human aorta-gonad-mesonephros region reveals morphological polarity resembling a hematopoietic stromal layer. , 1999, 215, 139-147.		72
325	The Molecular Characterization of the Fetal Stem Cell Marker AA4. Immunity, 1999, 10, 691-700.	6.6	154
326	Excessive Extramedullary Hematopoiesis in Cbfa1-Deficient Mice with a Congenital Lack of Bone Marrow. Biochemical and Biophysical Research Communications, 1999, 255, 352-359.	1.0	56

#	Article	IF	CITATIONS
327	Hematopoietic Deficiencies and Core Binding Factor Expression in Murine Ts16, an Animal Model for Down Syndrome. Clinical Immunology, 1999, 91, 50-60.	1.4	10
328	In vitromodels of T cell development. Seminars in Immunology, 1999, 11, 3-12.	2.7	75
329	Phylogeny and Ontogeny of the Hematopoietic Microenvironment. Hematology, 1999, 4, 31-44.	0.7	7
330	Specificity of Hematopoietic Stem and Progenitor Cell Homing to Bone Marrow: A Perspective. Hematology, 2000, 5, 391-401.	0.7	4
331	Developmental derivation of embryonic and adult macrophages. Current Opinion in Hematology, 2000, 7, 3-8.	1.2	93
332	Ontogeny of the extraembryonic membranes of the oviparous lizard,Eumeces fasciatus (Squamata:) Tj ETQq1 1 ().784314 ı	ggt /Overlo
333	Role of Pre-T Cells and Chemoattractants on Stress-Associated Thymus Involution. Scandinavian Journal of Immunology, 2000, 52, 470-476.	1.3	13
334	Structure and chromosomal localization of human and mouse genes for hematopoietic prostaglandin D synthase. FEBS Journal, 2000, 267, 3315-3322.	0.2	89
335	Immune reconstitution: an important component of a successful allogeneic transplantation. Immunology Letters, 2000, 74, 177-181.	1.1	15
336	Diversification of haematopoietic stem cells to specific lineages. Nature Reviews Genetics, 2000, 1, 57-64.	7.7	483
337	Proliferation and cell death of embryonic primitive erythrocytes. Experimental Hematology, 2000, 28, 635-641.	0.2	19
338	Origins and functions of phagocytes in the embryo. Experimental Hematology, 2000, 28, 601-611.	0.2	136
339	Development of dendritic cells in vitro from murine fetal liver–derived lineage phenotype-negative c-kit+hematopoietic progenitor cells. Blood, 2000, 95, 138-146.	0.6	38
340	Circulating hematopoietic progenitor cells in first trimester fetal blood. Blood, 2000, 95, 1967-1972.	0.6	77
341	Expansion of hematopoietic stem cells in the developing liver of a mouse embryo. Blood, 2000, 95, 2284-2288.	0.6	350
342	Hematopoietic stem cells express Tie-2 receptor in the murine fetal liver. Blood, 2000, 96, 3757-3762.	0.6	58
343	Ontogenic emergence of the hematon, a morphogenetic stromal unit that supports multipotential hematopoietic progenitors in mouse bone marrow. Blood, 2000, 96, 3763-3771.	0.6	62
344	RUNX1(AML1) and CBFB: Genes Required for the Development of all Definitive Hematopoietic Lineages. , 0, , 85-102.		1

IF

CITATIONS

Animal Models of PNH., 2000, , 139-158. 3 345 CAM Kinase IV Regulates Lineage Commitment and Survival of Erythroid Progenitors in a 346 2.3 Non-Cell–Autonomous Manner. Journal of Cell Biology, 2000, 151, 811-824. State-of-the-Art Review: Hematopoiesis and Angiogenesis: A Link Between Two Apparently Independent 347 26 1.8 Processes. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 13-19. A staging scheme for assessing development in vitro of organogenesis stage embryos of the 348 1.1 stripe-faced dunnart, Sminthopsis macroura (Marsupialia: dasyuridae). Reproduction, 2000, 120, 99-108. The AML1 Transcription Factor Functions to Develop and Maintain Hematogenic Precursor Cells in the 349 0.9 75 Embryonic Aorta–Gonad–Mesonephros Region. Developmental Biology, 2000, 220, 27-36. Potential roles for RUNX1 and its orthologs in determining hematopoietic cell fate. Seminars in Cell and Developmental Biology, 2000, 11, 337-342. 2.3 Regulation of chicken haemopoiesis by cytokines. Developmental and Comparative Immunology, 2000, 351 1.0 29 24, 37-59. The rat visceral yolk sac internalizes maternal transferrin and secretes hydrolyzed products towards the fetus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2000, 125, 29-36. The splanchnopleura/AGM region is the prime site for the generation of multipotent hemopoietic 353 23 1.7 precursors, in the mouse embryo. Vaccine, 2000, 18, 1621-1623. 354 Paradigm shifts in stem-cell biology. Seminars in Hematology, 2000, 37, 3-10. 1.8 Stem Cells. Cell, 2000, 100, 157-168. 355 13.51.623 Definitive hematopoietic stem cells first develop within the major arterial regions of the mouse 356 3.5 embryo. EMBO Journal, 2000, 19, 2465-2474. Endomucin Is Expressed in Embryonic Dorsal Aorta and Is Able to Inhibit Cell Adhesion. Biochemical 358 1.0 9 and Biophysical Research Communications, 2001, 287, 501-506. Characterisation of Wnt gene expression during the differentiation of murine embryonic stem cells in vitro: role of Wnt3 in enhancing haematopoietic differentiation. Mechanisms of Development, 2001, 1.7 103, 49-59 360 Hematopoietic stem cells: old and new. Biomedicine and Pharmacotherapy, 2001, 55, 75-78. 2.59 The Human Embryo, but Not Its Yolk Sac, Generates Lympho-Myeloid Stem Cells. Immunity, 2001, 15, 198 487-495. Origin of Hematopoietic Progenitors during Embryogenesis. International Reviews of Immunology, 362 1.527 2001, 20, 21-44. Myelopoiesis in the zebrafish, Danio rerio. Blood, 2001, 98, 643-651. 391

ARTICLE

ARTICLE IF CITATIONS Inhibition of Plasmodium yoelii blood-stage malaria by interferon I± through the inhibition of the 0.6 59 364 production of its target cell, the reticulocyte. Blood, 2001, 97, 3966-3971. Evidence for the presence of murine primitive megakarycytopoiesis in the early yolk sac. Blood, 2001, 0.6 97, 2016-2022. Core-binding factor Î² (CBFÎ²), but not CBFÎ²–smooth muscle myosin heavy chain, rescues definitive 366 0.6 29 hematopoiesis in CBF12-deficient embryonic stem cells. Blood, 2001, 97, 2248-2256. Introduction: spatial origin of murine hematopoietic stem cells. Blood, 2001, 98, 3-5. 39 Generation of definitive hematopoietic stem cells from murine early yolk sac and paraaortic 368 0.6 166 splanchnopleures by aorta-gonad-mesonephros region–derived stromal cells. Blood, 2001, 98, 6-12. Fetal liver myelopoiesis occurs through distinct, prospectively isolatable progenitor subsets. Blood, 2001, 98, 627-635. Embryonic Stem Cell Differentiation as a Model to Study Hematopoietic and Endothelial Cell 370 13 Development., 2002, 185, 71-81. Role of Hematopoietic Stem Cells in Angiogenesis. International Journal of Hematology, 2001, 74, 9 266-271. Hematopoietic Capability of CD34+ Cord Blood Cells: A Comparison With CD34+ Adult Bone Marrow 373 0.7 44 Cells. International Journal of Hematology, 2001, 73, 457-462. The role of progenitor cells in repair of liver injury and in liver transplantation. Wound Repair and 374 1.5 Regeneration, 2001, 9, 467-482. Requirement of Runx1/AML1/PEBP21±Bfor the generation of haematopoietic cells from endothelial cells. 375 0.5 158 Genes To Cells, 2001, 6, 13-23. Step-wise divergence of primitive and definitive haematopoietic and endothelial cell lineages during 0.5 embryonic stem cell differentiation. Genes To Cells, 2001, 6, 1113-1127. Heterogeneity and plasticity of hepatocyte lineage cells. Hepatology, 2001, 33, 738-750. 377 3.6 350 Vascular endothelial growth factor in edematous mouse embryos induced by retinoic acid in utero. 378 0.3 Congenital Anomalies (discontinued), 2001, 41, 95-105. Tissue source dictates lineage outcome of human fetal CD34+CD38â^{-,} cells. Experimental Hematology, 379 0.2 7 2001, 29, 766-774. Yolk-sac hematopoiesis The first blood cells of mouse and man. Experimental Hematology, 2001, 29, 380 374 927-936. Spatial and temporal emergence of high proliferative potential hematopoietic precursors during murine embryogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4528-4533. 382 3.3 162 Embryonic Thymic Epithelium Naturally Devoid of APCs Is Acutely Rejected in the Absence of Indirect 384 0.4 Recognition. Journal of Immunology, 2001, 167, 5034-5041.

#	Article	IF	CITATIONS
385	Immature Multipotent Hemopoietic Progenitors Lacking Long-Term Bone Marrow-Reconstituting Activity in the Aorta-Gonad-Mesonephros Region of Murine Day 10 Fetuses. Journal of Immunology, 2001, 166, 3290-3296.	0.4	19
386	Isolation and Analysis of Hematopoietic Stem Cells from Mouse Embryos. , 2002, 63, 001-014.		7
387	Embryonic Stem Cells in the Study of Hematopoiesis. , 2001, 158, 287-300.		3
388	The Role of the Stem Cell Leukemia (SCL) Gene in Hematopoietic and Endothelial Lineage Specification. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 195-206.	1.8	26
389	Cell fate determination from stem cells. Gene Therapy, 2002, 9, 606-612.	2.3	143
390	Human hematopoiesis in murine embryos after injecting human cord blood–derived hematopoietic stem cells into murine blastocysts. Blood, 2002, 99, 719-721.	0.6	29
391	Cultivation of aorta-gonad-mesonephros–derived hematopoietic stem cells in the fetal liver microenvironment amplifies long-term repopulating activity and enhances engraftment to the bone marrow. Blood, 2002, 99, 1190-1196.	0.6	53
392	Extensive in vivo self-renewal, long-term reconstitution capacity, and hematopoietic multipotency of Pax5-deficient precursor B-cell clones. Blood, 2002, 99, 2760-2766.	0.6	58
393	Runx1 is essential for hematopoietic commitment at the hemangioblast stage of development in vitro. Blood, 2002, 100, 458-466.	0.6	266
394	The first 3 days of B-cell development in the mouse embryo. Blood, 2002, 100, 4074-4081.	0.6	58
395	αIIb Integrin Expression during Development of the Murine Hemopoietic System. Developmental Biology, 2002, 243, 301-311.	0.9	55
396	The Hemangioblast: A Common Progenitor of Hematopoietic and Endothelial Cells. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 91-101.	1.8	97
397	Development of the Vertebrate Hematopoietic System. , 2002, , 191-210.		10
398	VASCULAR CELL ADHESION MOLECULE-1 EXPRESSION AND HEMATOPOIETIC SUPPORTIVE CAPACITY OF IMMORTALIZED MURINE STROMAL CELL LINES DERIVED FROM FETAL LIVER AND ADULT BONE MARROW. In Vitro Cellular and Developmental Biology - Animal, 2002, 38, 538.	0.7	5
399	Definitive hematopoietic commitment within the embryonic vascular endothelial-cadherin+ population. Experimental Hematology, 2002, 30, 1070-1078.	0.2	99
400	A light and electron microscopic study of the mouse visceral yolk sac endodermal cells in the middle and late embryonic periods, showing the possibility of definitive erythropoiesis. Annals of Anatomy, 2002, 184, 425-429.	1.0	10
401	Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems. Biotechnology and Bioengineering, 2002, 78, 442-453.	1.7	321
402	RP59, a marker for osteoblast recruitment, is also detected in primitive mesenchymal cells, erythroid cells, and megakaryocytes. Developmental Dynamics, 2002, 223, 414-418.	0.8	23

#	Article	IF	CITATIONS
403	Bcr-Abl is a "Molecular Switch―for the Decision for Growth and Differentiation in Hematopoietic Stem Cells. International Journal of Hematology, 2002, 76, 35-43.	0.7	12
404	Plasticity of hematopoietic stem cells and cellular memory. Immunological Reviews, 2002, 187, 9-21.	2.8	14
405	Hematopoietic stem cells and their precursors: developmental diversity and lineage relationships. Immunological Reviews, 2002, 187, 126-138.	2.8	47
406	Ontogeny and genetics of the hemato/lymphopoietic system. Current Opinion in Immunology, 2002, 14, 186-191.	2.4	26
407	Identification of a novel transcription factor, ELYS, expressed predominantly in mouse foetal haematopoietic tissues. Genes To Cells, 2002, 7, 435-446.	0.5	37
408	Embryonic macrophages of early rat yolk sac: Immunohistochemistry and ultrastructure with reference to endodermal cell layer. Immunology and Cell Biology, 2002, 80, 441-447.	1.0	8
409	The essential roles of the chemokine SDF-1 and its receptor CXCR4 in human stem cell homing and repopulation of transplanted immune-deficient NOD/SCID and NOD/SCID/B2mnull mice. Leukemia, 2002, 16, 1992-2003.	3.3	407
410	Hematopoiesis and stem cells: plasticity versus developmental heterogeneity. Nature Immunology, 2002, 3, 323-328.	7.0	234
411	Appearance of erythrocyte-like globules in the mouse visceral yolk sac endodermal cells on embryonic day 12, with special reference to blood islands. Annals of Anatomy, 2003, 185, 201-205.	1.0	3
412	Evolution of the thymus size in response to physiological and random events throughout life. Microscopy Research and Technique, 2003, 62, 464-476.	1.2	63
413	The role of a Runt domain transcription factor AML1/RUNX1 in leukemogenesis and its clinical implications. Critical Reviews in Oncology/Hematology, 2003, 45, 129-150.	2.0	68
414	Identification of mature plasma cells in early rat yolk sac. A possible origin from the endodermal cell layer: Immunohistochemistry and immunoelectron microscopic study. Immunology and Cell Biology, 2003, 81, 335-342.	1.0	1
415	Zebrafish as a model organism for blood diseases. British Journal of Haematology, 2003, 123, 568-576.	1.2	45
416	From Embryos to Embryoid Bodies. Annals of the New York Academy of Sciences, 2003, 996, 122-131.	1.8	60
417	Development of the Mesonephric Kidney. , 2003, , 75-86.		6
418	BIOLOGY OFHEMATOPOIETICSTEMCELLS ANDPROGENITORS: Implications for Clinical Application. Annual Review of Immunology, 2003, 21, 759-806.	9.5	888
419	3 Ontogeny of hematopoiesis: Examining the emergence of hematopoietic cells in the vertebrate embryo. Current Topics in Developmental Biology, 2003, 53, 139-158.	1.0	145
420	The Origin and Development of the Immune System with a View to Stem Cell Therapy. Journal of Hematotherapy and Stem Cell Research, 2003, 12, 137-154.	1.8	16

#	Article	IF	CITATIONS
421	Tracking mesoderm induction and its specification to the hemangioblast during embryonic stem cell differentiation. Development (Cambridge), 2003, 130, 4217-4227.	1.2	444
422	Identification of mature plasma cells inearly rat yolk sac. A possible origin from the endodermal cell layer:Immunohistochemistry and immunoelectron microscopic study. Immunology and Cell Biology, 2003, 81, 335-342.	1.0	0
423	Radiosensitivity of the developing haemopoietic system in mammals and its adult consequences: animal studies. British Journal of Radiology, 2003, 76, 366-372.	1.0	16
424	Ontogenic emergence of definitive hematopoietic stem cells. Current Opinion in Hematology, 2003, 10, 229-234.	1.2	44
425	Ontogeny of plasma cells in the early rat yolk sac. Archives of Histology and Cytology, 2003, 66, 327-335.	0.2	1
426	Biology of Hematopoietic Stem and Progenitor Cells. , 0, , 69-95.		3
427	Hematopoiesis from embryonic stem cells: lessons from and for ontogeny. Experimental Hematology, 2003, 31, 994-1006.	0.2	54
428	Phenotype and hematopoietic potential of side population cells throughout embryonic development. Blood, 2003, 102, 2436-2443.	0.6	92
429	Mouse and human embryonic stem cell models of hematopoiesis: past, present, and future. BioTechniques, 2003, 35, 1253-1261.	0.8	11
430	Hematopoietic Stem Cell Enrichment From the AGM Region of the Mouse Embryo. , 2005, 105, 257-272.		9
431	The Intracoelomic Route: A New Approach for in utero Human Cord Blood Stem Cell Transplantation. Fetal Diagnosis and Therapy, 2004, 19, 13-22.	0.6	17
432	The Multiple Facets of Hematopoietic Stem Cells. Current Neurovascular Research, 2004, 1, 197-206.	0.4	23
433	Homotypic signalling regulates Gata1 activity in the erythroblastic island. Development (Cambridge), 2004, 131, 3183-3193.	1.2	20
434	Retinoblastoma promotes definitive erythropoiesis by repressing Id2 in fetal liver macrophages. Nature, 2004, 432, 1040-1045.	13.7	129
435	Enforced Activation of STAT5A Facilitates the Generation of Embryonic Stem-Derived Hematopoietic Stem Cells That Contribute to Hematopoiesis In Vivo. Stem Cells, 2004, 22, 1191-1204.	1.4	45
436	Differentiation and function of Kupffer cells. Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan, 2004, 37, 16-28.	1.8	198
437	Extraembryonic membrane development in a reproductively bimodal lizard, Lacerta (Zootoca) vivipara. Zoology, 2004, 107, 289-314.	0.6	35
438	Commentary: The Role of Cell Migration in the Ontogeny of the Lymphoid System. Stem Cells and Development, 2004, 13, 1-21.	1.1	31

		TION REPORT	
#	Article	IF	CITATIONS
439	Stem cells today: B1. Bone marrow stem cells. Reproductive BioMedicine Online, 2004, 9, 541-583.	1.1	31
441	Got MLL? Definitive Hematopoiesis Requires MLL Gene Expression. Molecular Cell, 2004, 13, 765-766.	4.5	4
442	Origins of Mammalian Hematopoiesis: In Vivo Paradigms and In Vitro Models. Current Topics in Developmental Biology, 2004, 60, 127-196.	1.0	55
443	Stem cells today: A. Origin and potential of embryo stem cells. Reproductive BioMedicine Online, 2004, 8, 275-306.	1.1	38
444	Ephrin receptor, EphB4, regulates ES cell differentiation of primitive mammalian hemangioblasts, blood, cardiomyocytes, and blood vessels. Blood, 2004, 103, 100-109.	0.6	59
445	VEGF-A165 augments erythropoietic development from human embryonic stem cells. Blood, 2004, 103, 2504-2512.	0.6	147
446	Not children from a lesser god. Blood, 2004, 103, 368-369.	0.6	0
447	The emergence of definitive hematopoietic stem cells in the mammal. Current Opinion in Hematology, 2005, 12, 197-202.	1.2	52
450	The homeobox gene HEX regulates proliferation and differentiation of hemangioblasts and endothelial cells during ES cell differentiation. Blood, 2005, 105, 4590-4597.	0.6	61
451	MEK kinase 1 activity is required for definitive erythropoiesis in the mouse fetal liver. Blood, 2005, 106, 3396-3404.	0.6	22
453	Genetic and Functional Characterization of Isolated Stromal Cell Lines from the Aorta-Gonado-Mesonephros Region. Annals of the New York Academy of Sciences, 2005, 1044, 51-59.	1.8	6
454	Role of Telomerase in Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2005, 1044, 220-227.	1.8	37
455	Developmental Relationship Between Hematopoietic and Endothelial Cells. Immunologic Research, 2005, 32, 057-074.	1.3	18
456	Early Fetal Liver Readily Repopulates B Lymphopoiesis in Adult Bone Marrow. Stem Cells, 2005, 23, 230-239.	1.4	9
457	Erythropoiesis and red cell function in vertebrate embryos. European Journal of Clinical Investigation, 2005, 35, 2-12.	1.7	19
458	Converging pathways in leukemogenesis and stem cell self-renewal. Experimental Hematology, 2005, 33 719-737.	3, 0.2	83
459	Early patterning of the mouse embryo: Implications for hematopoietic commitment and differentiation. Experimental Hematology, 2005, 33, 1015-1020.	0.2	31
460	Patterning definitive hematopoietic stem cells from embryonic stem cells. Experimental Hematology, 2005, 33, 971-979.	0.2	23

#	Article	IF	Citations
461	From hemangioblast to hematopoietic stem cell: An endothelial connection?. Experimental Hematology, 2005, 33, 1029-1040.	0.2	108
462	Zebrafish as a model for myelopoiesis during embryogenesis. Experimental Hematology, 2005, 33, 997-1006.	0.2	68
463	Hematopoiesis in the yolk sac: more than meets the eye. Experimental Hematology, 2005, 33, 1021-1028.	0.2	144
464	The changing cellular environments of hematopoiesis in human development in utero. Experimental Hematology, 2005, 33, 1062-1069.	0.2	68
465	Characterization of cells in the developing human liver. Differentiation, 2005, 73, 249-260.	1.0	74
466	Clearance of apoptotic cells is not impaired in mouse embryos deficient in class A scavenger receptor types I and II (CD204). Developmental Dynamics, 2005, 232, 67-74.	0.8	19
467	Segregation of arterial and venous markers in subpopulations of blood islands before vessel formation. Developmental Dynamics, 2005, 232, 1047-1055.	0.8	56
468	Embryonic development of the human hematopoietic system. International Journal of Developmental Biology, 2005, 49, 243-250.	0.3	225
469	alphallb integrin, a novel marker for hemopoietic progenitor cells. International Journal of Developmental Biology, 2005, 49, 279-284.	0.3	23
470	Erythropoiesis, red cells, and the approach to anemia. , 2005, , 40-57.		5
471	Of birds and mice: hematopoietic stem cell development. International Journal of Developmental Biology, 2005, 49, 251-257.	0.3	49
472	Stepwise Commitment from Embryonic Stem to Hematopoietic and Endothelial Cells. Current Topics in Developmental Biology, 2005, 66, 1-36.	1.0	15
473	Hematopoietic differentiation of human embryonic stem cells progresses through sequential hematoendothelial, primitive, and definitive stages resembling human yolk sac development. Blood, 2005, 106, 860-870.	0.6	342
474	Progressive divergence of definitive haematopoietic stem cells from the endothelial compartment does not depend on contact with the foetal liver. Development (Cambridge), 2005, 132, 4179-4191.	1.2	119
475	Hematopoietic Stem and Progenitor Cells: Clinical and Preclinical Regeneration of the Hematolymphoid System. Annual Review of Medicine, 2005, 56, 509-538.	5.0	309
476	Embryonic stem cell differentiation: emergence of a new era in biology and medicine. Genes and Development, 2005, 19, 1129-1155.	2.7	1,022
477	The Murine Placenta Contains Hematopoietic Stem Cells within the Vascular Labyrinth Region. Developmental Cell, 2005, 8, 377-387.	3.1	399
478	Anatomy and physiology of hematopoiesis. , 0, , 69-105.		4

#	Article	IF	CITATIONS
479	Designer blood: creating hematopoietic lineages from embryonic stem cells. Blood, 2006, 107, 1265-1275.	0.6	72
480	Regulation of Hemangioblast Development. Annals of the New York Academy of Sciences, 2001, 938, 96-108.	1.8	72
481	Role of the Microenvironment of the Embryonic Aortaâ€Gonadâ€Mesonephros Region in Hematopoiesis. Annals of the New York Academy of Sciences, 2001, 938, 109-116.	1.8	24
482	Role of hematopoietic lineage cells as accessory components in blood vessel formation. Cancer Science, 2006, 97, 568-574.	1.7	31
483	Over-expression of c-Myb increases the frequency of hemogenic precursors in the endothelial cell population. Genes To Cells, 2006, 11, 859-870.	0.5	5
484	Local signals in stem cell-based bone marrow regeneration. Cell Research, 2006, 16, 189-195.	5.7	58
485	Beyond Mere Markers: Functions for CD34 Family of Sialomucins in Hematopoiesis. Immunologic Research, 2006, 34, 13-32.	1.3	108
486	The regulatory role of stromal microenvironments in fetal hematopoietic ontogeny. Stem Cell Reviews and Reports, 2006, 2, 241-246.	5.6	15
487	Stromal cell lines from the aorta-gonado-mesonephros region are potent supporters of murine and human hematopoiesis. Experimental Hematology, 2006, 34, 1505-1516.	0.2	54
488	Rudhira is a cytoplasmic WD40 protein expressed in mouse embryonic stem cells and during embryonic erythropoiesis. Gene Expression Patterns, 2006, 6, 225-234.	0.3	14
489	The 5′ zebrafishscl promoter targets transcription to the brain, spinal cord, and hematopoietic and endothelial progenitors. Developmental Dynamics, 2006, 235, 60-67.	0.8	29
490	Discordant developmental waves of angioblasts and hemangioblasts in the early gastrulating mouse embryo. Development (Cambridge), 2006, 133, 2771-2779.	1.2	44
491	Hematopoietic Cells Are a Source of Nidogen-1 and Nidogen-2 during Mouse Liver Development. Journal of Histochemistry and Cytochemistry, 2006, 54, 593-604.	1.3	7
492	The allantois and chorion, when isolated before circulation or chorio-allantoic fusion, have hematopoietic potential. Development (Cambridge), 2006, 133, 4183-4192.	1.2	153
493	Developmental switch of mouse hematopoietic stem cells from fetal to adult type occurs in bone marrow after birth. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17852-17857.	3.3	90
494	Wnt2 Coordinates the Commitment of Mesoderm to Hematopoietic, Endothelial, and Cardiac Lineages in Embryoid Bodies. Journal of Biological Chemistry, 2007, 282, 782-791.	1.6	68
495	Distinct Functions for Different scl Isoforms in Zebrafish Primitive and Definitive Hematopoiesis. PLoS Biology, 2007, 5, e132.	2.6	70
496	Fetal gene therapy of Â-thalassemia in a mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9007-9011.	3.3	34

#	Article	IF	CITATIONS
497	Functional identification of the hematopoietic stem cell niche in the ventral domain of the embryonic dorsal aorta. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9399-9403.	3.3	183
498	The megakaryocyte lineage originates from hemangioblast precursors and is an integral component both of primitive and of definitive hematopoiesis. Blood, 2007, 109, 1433-1441.	0.6	259
499	The zebrafish udu gene encodes a novel nuclear factor and is essential for primitive erythroid cell development. Blood, 2007, 110, 99-106.	0.6	34
500	Disruption of palladin leads to defects in definitive erythropoiesis by interfering with erythroblastic island formation in mouse fetal liver. Blood, 2007, 110, 870-876.	0.6	41
501	Migratory path of definitive hematopoietic stem/progenitor cells during zebrafish development. Blood, 2007, 109, 5208-5214.	0.6	146
502	B cell potential can be obtained from pre-circulatory yolk sac, but with low frequency. Developmental Biology, 2007, 301, 53-61.	0.9	16
504	Concise Review: Role and Function of the Ubiquitin-Proteasome System in Mammalian Stem and Progenitor Cells. Stem Cells, 2007, 25, 2408-2418.	1.4	72
505	Ontogeny of the Hematopoietic System. Annual Review of Immunology, 2007, 25, 745-785.	9.5	361
506	The Molecular Basis of Lymphoid Architecture in the Mouse. , 2007, , 57-108.		0
507	Blood lines from embryo to adult. Nature, 2007, 446, 996-997.	13.7	23
507 508	Blood lines from embryo to adult. Nature, 2007, 446, 996-997. Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859.	13.7 5.0	23 87
	Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14,		
508	Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859.	5.0	87
508 509	 Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859. Artery and vein formation: a tug of war between different forces. EMBO Reports, 2007, 8, 920-924. Early proliferation of umbilical cord blood cells from premature neonates. Vox Sanguinis, 2007, 93, 	5.0 2.0	87 54
508 509 510	 Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859. Artery and vein formation: a tug of war between different forces. EMBO Reports, 2007, 8, 920-924. Early proliferation of umbilical cord blood cells from premature neonates. Vox Sanguinis, 2007, 93, 145-153. Stem cell transplantation demonstrates that Sox6 represses ĵuy globin expression in definitive 	5.0 2.0 0.7	87 54 7
508 509 510 511	Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859. Artery and vein formation: a tug of war between different forces. EMBO Reports, 2007, 8, 920-924. Early proliferation of umbilical cord blood cells from premature neonates. Vox Sanguinis, 2007, 93, 145-153. Stem cell transplantation demonstrates that Sox6 represses ĵuy globin expression in definitive erythropoiesis of adult mice. Experimental Hematology, 2007, 35, 358-367. A microarray analysis of the emergence of embryonic definitive hematopoiesis. Experimental	5.0 2.0 0.7 0.2	87 54 7 21
508 509 510 511	 Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859. Artery and vein formation: a tug of war between different forces. EMBO Reports, 2007, 8, 920-924. Early proliferation of umbilical cord blood cells from premature neonates. Vox Sanguinis, 2007, 93, 145-153. Stem cell transplantation demonstrates that Sox6 represses ĵµy globin expression in definitive erythropoiesis of adult mice. Experimental Hematology, 2007, 35, 358-367. A microarray analysis of the emergence of embryonic definitive hematopoiesis. Experimental Hematology, 2007, 35, 1344.e1-1344.e16. Folic acid supplementation affects ROS scavenging enzymes, enhances Vegf-A, and diminishes apoptotic 	 5.0 2.0 0.7 0.2 0.2 	87 54 7 21 9

#	Article	IF	CITATIONS
516	Human fetal aorta-derived vascular progenitor cells: identification and potential application in ischemic diseases. Cytotechnology, 2008, 58, 43-47.	0.7	16
517	Definitive erythropoiesis in chicken yolk sac. Developmental Dynamics, 2008, 237, 3332-3341.	0.8	25
518	Embryonic development in the reduced folate carrier knockout mouse is modulated by maternal folate supplementation. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 494-507.	1.6	63
519	Hemangioblast does exist. Leukemia Research, 2008, 32, 850-854.	0.4	23
520	Evidence That Very Small Embryonic-Like Stem Cells Are Mobilized into Peripheral Blood. Stem Cells, 2008, 26, 2083-2092.	1.4	130
521	Of lineage and legacy: the development of mammalian hematopoietic stem cells. Nature Immunology, 2008, 9, 129-136.	7.0	596
522	Gene expression analysis of embryonic stem cells expressing VE-cadherin (CD144) during endothelial differentiation. BMC Genomics, 2008, 9, 240.	1.2	21
523	CISPLATINUMâ€BASED CHEMOTHERAPY IN MALIGNANT MEDIASTINAL TERATOMA. Australian and New Zealand Journal of Surgery, 1989, 59, 399-404.	0.2	1
524	From embryonic stem cells to blastema and MRL mice. Reproductive BioMedicine Online, 2008, 16, 425-461.	1.1	21
525	Macrophages, Microglia, and Dendritic C. , 2008, , 89-104.		1
526	Embryonic Stem Cell Biology. Advances in Pediatrics, 2008, 55, 43-77.	0.5	17
527	Wnt, Activin, and BMP Signaling Regulate Distinct Stages in the Developmental Pathway from Embryonic Stem Cells to Blood. Cell Stem Cell, 2008, 2, 60-71.	5.2	275
528	Overcoming Obstacles in the Search for the Site of Hematopoietic Stem Cell Emergence. Cell Stem Cell, 2008, 3, 583-586.	5.2	26
529	A Longâ€Term Culture System for the Expansion of Hematopoietic Stem Cells from Embryonic Yolk Sac with the Capacity to Seed Erythroid and Lymphoid Development In Vitro and to Reconstitute the Lymphoid Compartment in Severe Combined Immunodeficient Mice. Artificial Organs, 1996, 20, 1093-1109.	1.0	4
530	Hematopoiesis: An Evolving Paradigm for Stem Cell Biology. Cell, 2008, 132, 631-644.	13.5	2,061
531	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630.	13.5	304
532	DEVELOPMENT OF THE AVIAN IMMUNE SYSTEM. , 2008, , 51-V.		15
533	The Wnt signaling regulator R-spondin 3 promotes angioblast and vascular development. Development (Cambridge), 2008, 135, 3655-3664.	1.2	135

#	Article	IF	CITATIONS
534	CD41+ cmyb+ precursors colonize the zebrafish pronephros by a novel migration route to initiate adult hematopoiesis. Development (Cambridge), 2008, 135, 1853-1862.	1.2	197
535	The discovery of a source of adult hematopoietic cells in the embryo. Development (Cambridge), 2008, 135, 2343-2346.	1.2	27
536	Molecular and Morphological Changes in Placenta and Embryo Development Associated with the Inhibition of Polyamine Synthesis during Midpregnancy in Mice. Endocrinology, 2008, 149, 5012-5023.	1.4	28
537	Hematopoietic stem cell function in rheumatoid arthritis. Future Rheumatology, 2008, 3, 559-569.	0.2	0
538	All primitive and definitive hematopoietic progenitor cells emerging before E10 in the mouse embryo are products of the yolk sac. Blood, 2008, 111, 3435-3438.	0.6	231
539	Rac1 is essential for intraembryonic hematopoiesis and for the initial seeding of fetal liver with definitive hematopoietic progenitor cells. Blood, 2008, 111, 3313-3321.	0.6	59
540	AGM: maternity ward or finishing school?. Blood, 2008, 111, 3305-3306.	0.6	4
541	Platelet proteoglycans packing it in. Blood, 2008, 111, 3308-3309.	0.6	0
542	The wanderings of hematopoietic stem cells. Blood, 2008, 111, 3307-3308.	0.6	1
543	Expression of angiotensin-converting enzyme (CD143) identifies and regulates primitive hemangioblasts derived from human pluripotent stem cells. Blood, 2008, 112, 3601-3614.	0.6	176
544	Synergistic Role of Igf2 and Dlk1 in Fetal Liver Development and Hematopoiesis in Bi-Maternal Mice. Journal of Reproduction and Development, 2008, 54, 177-182.	0.5	19
545	Interleukin-1 regulates hematopoietic progenitor and stem cells in the midgestation mouse fetal liver. Haematologica, 2009, 94, 462-469.	1.7	22
546	Epiblast-derived stem cells in embryonic and adult tissues. International Journal of Developmental Biology, 2009, 53, 1529-1540.	0.3	67
547	THE MOLECULAR, CELLULAR, AND GENETIC BASIS OF HEMOGLOBIN DISORDERS. , 2009, , 1-2.		0
548	Foetal germ cells: striking the balance between pluripotency and differentiation. International Journal of Developmental Biology, 2009, 53, 393-409.	0.3	47
549	Ventral embryonic tissues and Hedgehog proteins induce early AGM hematopoietic stem cell development. Development (Cambridge), 2009, 136, 2613-2621.	1.2	92
550	Niche recycling through division-independent egress of hematopoietic stem cells. Journal of Experimental Medicine, 2009, 206, 2837-2850.	4.2	110
551	Stem Cells, Hypoxia and Hypoxia-Inducible Factors. , 2009, , 211-231.		1

#	Article	IF	CITATIONS
552	WNT and BMP signaling are both required for hematopoietic cell development from human ES cells. Stem Cell Research, 2009, 3, 113-125.	0.3	46
553	Circulating Haematopoietic Stem Cells (CFUc) in Healthy and Diseased Preâ€∓erm Infants. Scandinavian Journal of Haematology, 1981, 25, 268-274.	0.0	6
554	A comparative study of CD34 ⁺ cells, CD34 ⁺ subsets, colony forming cells and cobblestone area forming cells in cord blood and bone marrow allografts. European Journal of Haematology, 1999, 62, 174-183.	1.1	15
555	VECF and IHH rescue definitive hematopoiesis in Gata-4 and Gata-6–deficient murine embryoid bodies. Experimental Hematology, 2009, 37, 1038-1053.	0.2	13
556	Embryonic fates for extraembryonic lineages: New perspectives. Journal of Cellular Biochemistry, 2009, 107, 586-591.	1.2	20
557	Orderly hematopoietic development of induced pluripotent stem cells via Flkâ€l ⁺ hemoangiogenic progenitors. Journal of Cellular Physiology, 2009, 221, 367-377.	2.0	41
558	Fish as model systems for the study of vertebrate apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1-21.	2.2	68
559	Circulating endothelial cells, bone marrow-derived endothelial progenitor cells and proangiogenic hematopoietic cells in cancer: From biology to therapy. Critical Reviews in Oncology/Hematology, 2009, 69, 108-124.	2.0	58
560	New light on the biology and developmental potential of haematopoietic stem cells and progenitor cells. Journal of Internal Medicine, 2009, 266, 311-324.	2.7	11
561	Stem Cells and Female Reproduction. Reproductive Sciences, 2009, 16, 126-139.	1.1	74
562	Conditional Cre/LoxP strategies for the study of hematopoietic stem cell formation. Blood Cells, Molecules, and Diseases, 2009, 43, 6-11.	0.6	14
563	A hypothesis on the role of primitive macrophages in initial embryonic lymphatic development. Bioscience Hypotheses, 2009, 2, 302-305.	0.2	Ο
564	The Ontogeny of the Hematopoietic System. , 2009, , 199-209.		2
565	Molecular Biology of Stem Cell Renewal. , 0, , 64-71.		Ο
566	Biology of Hematopoietic Stem and Progenitor Cells. , 0, , 36-63.		1
567	Stem Cells in Regenerative Medicine. Methods in Molecular Biology, 2009, , .	0.4	8
568	Stem Cell Sources for Regenerative Medicine. Methods in Molecular Biology, 2009, 482, 55-90.	0.4	46
569	Rho GTPases in hematopoietic stem cell functions. Current Opinion in Hematology, 2009, 16, 249-254.	1.2	36

#	Article	IF	CITATIONS
570	Notch signaling distinguishes 2 waves of definitive hematopoiesis in the zebrafish embryo. Blood, 2010, 115, 2777-2783.	0.6	97
571	Integrin-mediated adhesion and stem-cell-niche interactions. Cell and Tissue Research, 2010, 339, 121-130.	1.5	107
572	How the niche regulates hematopoietic stem cells. Chemico-Biological Interactions, 2010, 184, 7-15.	1.7	47
573	Establishment and regulation of the HSC niche: Roles of osteoblastic and vascular compartments. Birth Defects Research Part C: Embryo Today Reviews, 2010, 90, 229-242.	3.6	36
574	Hematopoietic differentiation from human ESCs as a model for developmental studies and future clinical translations. Invited review following the FEBS Anniversary Prize received on 5 July 2009 at the 34th FEBS Congress in Prague. FEBS Journal, 2010, 277, 5014-5025.	2.2	12
575	Hematopoietic stem cell emergence in the conceptus and the role of Runx1. International Journal of Developmental Biology, 2010, 54, 1151-1163.	0.3	69
576	Embryonic origin of human hematopoiesis. International Journal of Developmental Biology, 2010, 54, 1061-1065.	0.3	79
577	The placenta as a haematopoietic organ. International Journal of Developmental Biology, 2010, 54, 1099-1106.	0.3	28
578	The origin and fate of yolk sac hematopoiesis: application of chimera analyses to developmental studies. International Journal of Developmental Biology, 2010, 54, 1019-1031.	0.3	40
579	Dissecting hematopoietic differentiation using the embryonic stem cell differentiation model. International Journal of Developmental Biology, 2010, 54, 991-1002.	0.3	17
580	Induction of Hematopoietic Differentiation of Mouse Embryonic Stem Cells by an AGM-Derived Stromal Cell Line is Not Further Enhanced by Overexpression of HOXB4. Stem Cells and Development, 2010, 19, 1687-1698.	1.1	16
581	Miguel Ãngel RodrÃguez Marcos: El tesón de un cientÃfico. Inmunologia (Barcelona, Spain: 1987), 2010, 29, 85-88.	0.1	0
584	Highly potent human hematopoietic stem cells first emerge in the intraembryonic aorta-gonad-mesonephros region. Journal of Experimental Medicine, 2011, 208, 2417-2427.	4.2	204
585	Embryonic origin of the adult hematopoietic system: advances and questions. Development (Cambridge), 2011, 138, 1017-1031.	1.2	327
586	Cellular Dissection of Zebrafish Hematopoiesis. Methods in Cell Biology, 2011, 101, 75-110.	0.5	72
587	Trafficking of Stem Cells. Methods in Molecular Biology, 2011, 750, 3-24.	0.4	23
588	Hemogenic endothelium: Origins, regulation, and implications for vascular biology. Seminars in Cell and Developmental Biology, 2011, 22, 1036-1047.	2.3	46
589	Differential Hematopoietic Supportive Potential and Gene Expression of Stroma Cell Lines from Midgestation Mouse Placenta and Adult Bone Marrow. Cell Transplantation, 2011, 20, 707-726.	1.2	5

#	Article	IF	CITATIONS
590	Irf8 regulates macrophage versus neutrophil fate during zebrafish primitive myelopoiesis. Blood, 2011, 117, 1359-1369.	0.6	144
591	Modulation of TGF-β signaling by endoglin in murine hemangioblast development and primitive hematopoiesis. Blood, 2011, 118, 88-97.	0.6	39
592	Clonal analysis of hematopoietic progenitor cells in the zebrafish. Blood, 2011, 118, 1274-1282.	0.6	50
593	Physiological roles of microglia during development. Journal of Neurochemistry, 2011, 119, 901-908.	2.1	93
594	Human placenta and chorion: potential additional sources of hematopoietic stem cells for transplantation. Transfusion, 2011, 51, 94S-105S.	0.8	24
595	The challenges and promises of blood engineered from human pluripotent stem cells. Advanced Drug Delivery Reviews, 2011, 63, 331-341.	6.6	13
596	Hematopoietic stem cell development, aging and functional failure. International Journal of Hematology, 2011, 94, 3-10.	0.7	14
597	Embryonic day 9 yolk sac and intra-embryonic hemogenic endothelium independently generate a B-1 and marginal zone progenitor lacking B-2 potential. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1468-1473.	3.3	243
598	Rumba and Haus3 are essential factors for the maintenance of hematopoietic stem/progenitor cells during zebrafish hematopoiesis. Development (Cambridge), 2011, 138, 619-629.	1.2	33
599	A long way to stemness. Cell Cycle, 2012, 11, 2965-2966.	1.3	4
600	Adult Langerhans cells derive predominantly from embryonic fetal liver monocytes with a minor contribution of yolk sac–derived macrophages. Journal of Experimental Medicine, 2012, 209, 1167-1181.	4.2	639
601	Signal transduction pathways regulating hematopoietic stem cell biology: Introduction to a series of Spotlight Reviews. Leukemia, 2012, 26, 86-90.	3.3	31
602	Early ontogenic origin of the hematopoietic stem cell lineage. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4515-4520.	3.3	50
603	Hematopoietic Stem Cell Development, Niches, and Signaling Pathways. Bone Marrow Research, 2012, 2012, 1-16.	1.7	77
604	Autonomous murine T-cell progenitor production in the extra-embryonic yolk sac before HSC emergence. Blood, 2012, 119, 5706-5714.	0.6	145
605	Regeneration of Cardiac Muscle and Hematopoietic Tissues. , 2012, , 161-182.		0
606	Embryonic development of hematopoietic stem cells: implications for clinical use. Regenerative Medicine, 2012, 7, 349-368.	0.8	6
607	Modeling human hematopoietic cell development from pluripotent stem cells. Experimental Hematology, 2012, 40, 601-611.	0.2	35

		ITATION RE	PORT	
#	Article		IF	CITATIONS
608	Origin of blood cells and HSC production in the embryo. Trends in Immunology, 2012, 33, 215-223.		2.9	76
609	Cell signalling pathways that mediate haematopoietic stem cell specification. International Journal of Biochemistry and Cell Biology, 2012, 44, 2175-2184.		1.2	12
610	The Textbook of Angiogenesis and Lymphangiogenesis: Methods and Applications. , 2012, , .			4
611	Inflammation and Atherosclerosis. , 2012, , .			6
612	Hematopoiesis. , 0, , 11-24.			1
613	Development of yolk sac and chorioallantoic membranes in the Lord Howe Island skink, <i>Oligosom lichenigerum</i> . Journal of Morphology, 2012, 273, 1163-1184.	а	0.6	19
614	On the origin of hematopoietic stem cells: Progress and controversy. Stem Cell Research, 2012, 8, 1-	13.	0.3	43
615	Phospholipase C gamma-1 is required for granulocyte maturation in zebrafish. Developmental Biolog 2013, 374, 24-31.	У,	0.9	13
616	Hypoxia and HIFs in regulating the development of the hematopoietic system. Blood Cells, Molecules and Diseases, 2013, 51, 256-263.	<i>`</i> ,	0.6	39
617	Rho <scp>GTP</scp> ases control specific cytoskeletonâ€dependent functions of hematopoietic ster cells. Immunological Reviews, 2013, 256, 255-268.	m	2.8	61
618	Erythropoiesis: Development and Differentiation. Cold Spring Harbor Perspectives in Medicine, 2013, a011601-a011601.	, 3,	2.9	258
619	Embryonic hematopoiesis. Blood Cells, Molecules, and Diseases, 2013, 51, 226-231.		0.6	89
620	Stem cells and the reproductive system: Historical perspective and future directions. Maturitas, 2013 76, 284-289.	},	1.0	18
621	Signaling axis involving Hedgehog, Notch, and Scl promotes the embryonic endothelial-to-hematopoietic transition. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E141-E150.		3.3	58
622	The migration of hematopoietic progenitors from the fetal liver to the fetal bone marrow: Lessons learned and possible clinical applications. Experimental Hematology, 2013, 41, 411-423.		0.2	59
623	Haematopoietic differentiation is inhibited when Notch activity is enhanced in FLK1+ mesoderm progenitors. Stem Cell Research, 2013, 11, 1273-1287.		0.3	9
624	Ontogeny of the Hematopoietic System. , 2013, , 533-551.			1
625	Expression levels of endoglin distinctively identify hematopoietic and endothelial progeny at different stages of yolk sac hematopoiesis. Stem Cells, 2013, 31, 1893-1901.		1.4	18

		CITATION RE	PORT	
#	Article		IF	CITATIONS
626	The Stem Cell State. Advances in Experimental Medicine and Biology, 2013, 786, 1-4.		0.8	5
627	Transcriptional hierarchies regulating early blood cell development. Blood Cells, Molect Diseases, 2013, 51, 239-247.	ules, and	0.6	18
628	Understanding vascular development. Wiley Interdisciplinary Reviews: Developmental 327-346.	Biology, 2013, 2,	5.9	106
629	Origin and differentiation of microglia. Frontiers in Cellular Neuroscience, 2013, 7, 45.		1.8	667
630	Development of Human T Lymphocytes. , 2014, , .			0
631	The Biology of Macrophages. , 2014, , 71-93.			4
632	Hematopoietic Stem Cells, Tumor Cells and Lymphocytes $\hat{a} {\in} "$ Party in the Bone Marrow	w., 0,,.		1
633	Hematopoietic Stem Cells. , 2014, , 989-1040.			2
634	Lymphoid Progenitor Emergence in the Murine Embryo and Yolk Sac Precedes Stem Ce Stem Cells and Development, 2014, 23, 1168-1177.	ell Detection.	1.1	56
635	Concise Review: From Greenhouse to Garden: The Changing Soil of the Hematopoietic Microenvironment During Development. Stem Cells, 2014, 32, 1691-1700.	Stem Cell	1.4	25
636	Development of the Avian Immune System. , 2014, , 45-63.			28
637	Identification of Multipotent Progenitors that Emerge Prior to Hematopoietic Stem Ce Embryonic Development. Stem Cell Reports, 2014, 2, 457-472.	lls in	2.3	55
638	Environments of B cell development. Immunology Letters, 2014, 157, 60-63.		1.1	5
639	Hematopoietic Stem Cell Development. Current Topics in Developmental Biology, 201	4, 107, 39-75.	1.0	70
640	Macrophages: Biology and Role in the Pathology of Diseases. , 2014, , .			13
641	Tollâ€like receptors expressed on embryonic macrophages couple inflammatory signal metabolism during early ontogenesis. European Journal of Immunology, 2014, 44, 149	s to iron 1-1502.	1.6	11
642	From transplantation to transgenics: Mouse models of developmental hematopoiesis. Hematology, 2014, 42, 707-716.	Experimental	0.2	12
643	Developmental hematopoiesis: Ontogeny, genetic programming and conservation. Ex Hematology, 2014, 42, 669-683.	berimental	0.2	110

#	Article	IF	CITATIONS
644	Reprint of: Environments of B cell development. Immunology Letters, 2014, 160, 109-112.	1.1	3
645	Deconvoluting the ontogeny of hematopoietic stem cells. Cellular and Molecular Life Sciences, 2014, 71, 957-978.	2.4	21
646	Distinct functional programming of human fetal and adult monocytes. Blood, 2014, 123, 1897-1904.	0.6	47
647	Chemokine polyreactivity of IL7Rα+CSF-1R+ lympho-myeloid progenitors in the developing fetal liver. Scientific Reports, 2015, 5, 12817.	1.6	9
648	Hematopoietic stem cell–independent B″a lineage. Annals of the New York Academy of Sciences, 2015, 1362, 23-38.	1.8	9
649	The role of the gastrointestinal epithelium as a possible pathway for the transfer of nutrients to the embryo's circulation. Microscopy Research and Technique, 2015, 78, 500-507.	1.2	2
650	Development and trafficking function of haematopoietic stem cells and myeloid cells during fetal ontogeny. Cardiovascular Research, 2015, 107, 352-363.	1.8	11
652	A System to Study Aneuploidy In Vivo. Cold Spring Harbor Symposia on Quantitative Biology, 2015, 80, 93-101.	2.0	3
653	Stem Cells. Clinics in Perinatology, 2015, 42, 597-612.	0.8	4
654	Flow-induced protein kinase A–CREB pathway acts via BMP signaling to promote HSC emergence. Journal of Experimental Medicine, 2015, 212, 633-648.	4.2	47
655	C-Myb+ Erythro-Myeloid Progenitor-Derived Fetal Monocytes Give Rise to Adult Tissue-Resident Macrophages. Immunity, 2015, 42, 665-678.	6.6	847
656	Hematopoiesis: from start to immune reconstitution potential. Stem Cell Research and Therapy, 2015, 6, 52.	2.4	6
657	DNA methylation and hydroxymethylation in stem cells. Cell Biochemistry and Function, 2015, 33, 161-173.	1.4	43
658	The first wave of B lymphopoiesis develops independently of stem cells in the murine embryo. Annals of the New York Academy of Sciences, 2015, 1362, 16-22.	1.8	20
659	Tissue-Specific Stem Cell Niche. Pancreatic Islet Biology, 2015, , .	0.1	4
660	Vascular Niche in HSC Development, Maintenance and Regulation. Pancreatic Islet Biology, 2015, , 191-219.	0.1	1
661	Regulation of the Cytoskeleton by the Rho Family of GTPases in Hematopoietic Stem Cells in Health and Disease. , 2015, , 63-85.		0
662	The Cytoskeleton in Health and Disease. , 2015, , .		7

ATION R

#	Article	IF	CITATIONS
663	Tissue-resident macrophages originate from yolk-sac-derived erythro-myeloid progenitors. Nature, 2015, 518, 547-551.	13.7	1,724
664	Donald Metcalf AC. 26 February 1929 — 15 December 2014. Biographical Memoirs of Fellows of the Royal Society, 2016, 62, 409-431.	0.1	0
665	Ontogeny of the Hematopoietic System. , 2016, , 1-14.		6
666	Donald Metcalf 1929–2014. Historical Records of Australian Science, 2016, 27, 176.	0.3	1
667	A T Cell View of the Bone Marrow. Frontiers in Immunology, 2016, 7, 184.	2.2	37
668	Somite-Derived Retinoic Acid Regulates Zebrafish Hematopoietic Stem Cell Formation. PLoS ONE, 2016, 11, e0166040.	1.1	14
669	Fetal and Neonatal Megakaryopoiesis and Platelet Biology. , 2016, , 267-291.		2
670	History of graft-versus-host disease. Experimental Hematology, 2016, 44, 674-688.	0.2	18
671	Cellular dissection of zebrafish hematopoiesis. Methods in Cell Biology, 2016, 133, 11-53.	0.5	60
672	Fate Mapping and Quantitation of Hematopoiesis In Vivo. Annual Review of Immunology, 2016, 34, 449-478.	9.5	57
673	Epigenetics of hematopoiesis and hematological malignancies. Genes and Development, 2016, 30, 2021-2041.	2.7	125
675	Chromatin programming by developmentally regulated transcription factors: lessons from the study of haematopoietic stem cell specification and differentiation. FEBS Letters, 2016, 590, 4105-4115.	1.3	13
676	The embryonic origins and genetic programming of emerging haematopoietic stem cells. FEBS Letters, 2016, 590, 4002-4015.	1.3	17
677	Myeloid Cell Origins, Differentiation, and Clinical Implications. Microbiology Spectrum, 2016, 4, .	1.2	59
678	LYVE1 Marks the Divergence of Yolk Sac Definitive Hemogenic Endothelium from the Primitive Erythroid Lineage. Cell Reports, 2016, 17, 2286-2298.	2.9	57
679	Cebpα is essential for the embryonic myeloid progenitor and neutrophil maintenance in zebrafish. Journal of Genetics and Genomics, 2016, 43, 593-600.	1.7	17
680	Understanding the regulation of vertebrate hematopoiesis and blood disorders – big lessons from a small fish. FEBS Letters, 2016, 590, 4016-4033.	1.3	32
681	Hematopoietic stem cellâ€independent hematopoiesis: emergence of erythroid, megakaryocyte, and myeloid potential in the mammalian embryo. FEBS Letters, 2016, 590, 3965-3974.	1.3	103

	Сітатіо	CITATION REPORT		
#	Article	IF	CITATIONS	
682	How One Thing Led to Another. Annual Review of Immunology, 2016, 34, 1-30.	9.5	16	
683	β-Globin-Expressing Definitive Erythroid Progenitor Cells Generated from Embryonic and Induced Pluripotent Stem Cell-Derived Sacs. Stem Cells, 2016, 34, 1541-1552.	1.4	48	
684	Fetal Hematopoietic Stem Cell Transplantation Fails to Fully Regenerate the B-Lymphocyte Compartment. Stem Cell Reports, 2016, 6, 137-149.	2.3	57	
685	Ontogeny of the Hematopoietic System. , 2016, , 111-120.		1	
686	Extrinsic regulation of hematopoietic stem cells in development, homeostasis and diseases. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e279.	5.9	14	
687	Immunopathology in Toxicology and Drug Development. Molecular and Integrative Toxicology, 2017, , .	0.5	1	
688	The Role of Runx1 in Embryonic Blood Cell Formation. Advances in Experimental Medicine and Biology, 2017, 962, 47-64.	0.8	47	
689	Yolk sac erythromyeloid progenitors expressing gain of function PTPN11 have functional features of JMML but are not sufficient to cause disease in mice. Developmental Dynamics, 2017, 246, 1001-1014.	0.8	7	
690	Clonality in context: hematopoietic clones in their marrow environment. Blood, 2017, 130, 2363-2372.	0.6	74	
691	Embryonic hematopoiesis under microscopic observation. Developmental Biology, 2017, 428, 318-327.	0.9	18	
692	Efficient Generation of β-Globin-Expressing Erythroid Cells Using Stromal Cell-Derived Induced Pluripotent Stem Cells from Patients with Sickle Cell Disease. Stem Cells, 2017, 35, 586-596.	1.4	39	
693	Vascularization and VEGF expression altered in bovine yolk sacs from IVF and NT technologies. Theriogenology, 2017, 87, 290-297.	0.9	11	
694	Myeloid Cell Origins, Differentiation, and Clinical Implications. , 2017, , 857-875.		1	
695	The Origins and Functions of Tissue-Resident Macrophages in Kidney Development. Frontiers in Physiology, 2017, 8, 837.	1.3	90	
696	Developmental Erythropoiesis. , 2017, , 1112-1134.e4.		2	
697	Developmental Megakaryocytopoiesis. , 2017, , 1135-1150.e4.		1	
698	Differential Location and Distribution of Hepatic Immune Cells. Cells, 2017, 6, 48.	1.8	77	
699	Interaction of the Macrophage and Primitive Erythroid Lineages in the Mammalian Embryo. Frontiers in Immunology, 2016, 7, 669.	2.2	16	

	CITATION R		
#	Article	IF	CITATIONS
700	Mechanism of hematopoiesis and vasculogenesis in mouse placenta. Placenta, 2018, 69, 140-145.	0.7	22
701	Many layers of embryonic hematopoiesis: new insights into B-cell ontogeny and the origin of hematopoietic stem cells. Experimental Hematology, 2018, 60, 1-9.	0.2	44
702	Yolk sac macrophage progenitors traffic to the embryo during defined stages of development. Nature Communications, 2018, 9, 75.	5.8	194
703	Formation and Regulation of the Hematopoietic Bone Marrow Niche. , 2018, , 211-211.		0
704	Development of Human T Lymphocytes. , 2018, , 229-239.		1
705	Exosome and Macrophage Crosstalk in Sleep-Disordered Breathing-Induced Metabolic Dysfunction. International Journal of Molecular Sciences, 2018, 19, 3383.	1.8	38
706	Immune and metabolic shifts during neonatal development reprogram liver identity and function. Journal of Hepatology, 2018, 69, 1294-1307.	1.8	42
707	Hemogenic Endothelial Fate Mapping Reveals Dual Developmental Origin of Mast Cells. Immunity, 2018, 48, 1160-1171.e5.	6.6	235
708	Biology of Erythropoiesis, Erythroid Differentiation, and Maturation. , 2018, , 297-320.e14.		3
709	Development of Immune System Organs. , 2018, , 49-73.		0
710	Making HSCs in vitro: don't forget the hemogenic endothelium. Blood, 2018, 132, 1372-1378.	0.6	18
711	Hematopoietic Stem Cell Properties, Markers, and Therapeutics. , 2019, , 191-204.		1
712	Hematopoietic stem cell-independent hematopoiesis and the origins of innate-like B lymphocytes. Development (Cambridge), 2019, 146, .	1.2	43
713	Tissue Engineering of the Microvasculature. , 2019, 9, 1155-1212.		20
714	Hepatic progenitors of the fetal liver: Interactions with hematopoietic stem cells. Differentiation, 2019, 106, 9-14.	1.0	13
715	Chasing Mavericks: The quest for defining developmental waves of hematopoiesis. Current Topics in Developmental Biology, 2019, 132, 1-29.	1.0	15
716	Vascular Niche in Lung Alveolar Development, Homeostasis, and Regeneration. Frontiers in Bioengineering and Biotechnology, 2019, 7, 318.	2.0	48
717	Hematopoiesis. , 2019, , 5-13.		0

IF

2.8

CITATIONS

718 Hematopoiesis., 2020,, 43-61. 1 Erythromyeloid progenitors give rise to a population of osteoclasts that contribute to bone homeostasis and repair. Nature Cell Biology, 2020, 22, 49-59. 4.6 114 Distinct origins and functions of cardiac orthotopic macrophages. Basic Research in Cardiology, 720 2.5 18 2020, 115, 8. Hematopoiesis: A Layered Organization Across Chordate Species. Frontiers in Cell and Developmental 1.8 24 Biology, 2020, 8, 606642. Location, Location, Location: How Vascular Specialization Influences Hematopoietic Fates During 722 1.8 10 Development. Frontiers in Cell and Developmental Biology, 2020, 8, 602617. Changes in megakaryopoiesis over ontogeny and their implications in health and disease. Platelets, 2020, 31, 692-699. 1.1 Training the Fetal Immune System Through Maternal Inflammationâ€"A Layered Hygiene Hypothesis. 724 2.2 64 Frontiers in Immunology, 2020, 11, 123. Benzene and its effects on cell signaling pathways related to hematopoiesis and leukemia. Journal of Applied Toxicology, 2020, 40, 1018-1032. 1.4 14 Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 726 2.3 8 and Ly6a Reportér System. Stem Cell Reports, 2020, 14, 956-971. Gastruloids as <i>in vitro</i> Models of Embryonic Blood Development With Spatial and Temporal 727 0.4 Resolution. SSRN Electronic Journal, 0, , . Fetal-Derived Immune Cells at the Roots of Lifelong Pathophysiology. Frontiers in Cell and 728 1.8 27 Developmental Biology, 2021, 9, 648313. Monocyte/Macrophage Lineage Cells From Fetal Erythromyeloid Progenitors Orchestrate Bone 729 1.8 29 Remodéling and Repair. Frontiers in Cell and Developmental Biology, 2021, 9, 622035. Development of platelet replacement therapy using human induced pluripotent stem cells. 730 0.6 6 Development Growth and Differentiation, 2021, 63, 178-186. The transcriptional regulation of normal and malignant blood cell development. FEBS Journal, 2022, 2.2 289, 1240-1255. 732 Hematopoiesis., 2021, , 10-24. 0 Endothelial Jak3 expression enhances pro-hematopoietic angiocrine function in mice. Communications Biology, 2021, 4, 406. Heightened activation of embryonic megakaryocytes causes aneurysms in the developing brain of mice 737 0.6 11 lacking podoplanin. Blood, 2021, 137, 2756-2769.

The inflammatory speech of fibroblasts. Immunological Reviews, 2021, 302, 126-146.

ARTICLE

#

#	Article	IF	CITATIONS
739	Differential usage of transcriptional repressor Zeb2 enhancers distinguishes adult and embryonic hematopoiesis. Immunity, 2021, 54, 1417-1432.e7.	6.6	17
740	Absence of CD11a Expression Identifies Embryonic Hematopoietic Stem Cell Precursors via Competitive Neonatal Transplantation Assay. Frontiers in Cell and Developmental Biology, 2021, 9, 734176.	1.8	Ο
741	Biomechanical Regulation of Hematopoietic Stem Cells in the Developing Embryo. Current Tissue Microenvironment Reports, 2021, 2, 1-15.	1.3	7
742	Normal Hematopoiesis and Blood Cell Maturation. , 2021, , 1-12.		Ο
743	Analysis and Manipulation of Hematopoietic Progenitor and Stem Cells from Murine Embryonic Tissues. Current Protocols in Stem Cell Biology, 2008, 4, Unit 2A.6.	3.0	27
745	Ventral and Dorsal Contributions to Hematopoiesis in Xenopus. , 2006, , 1-13.		1
746	The Endothelium: The Cradle of Definitive Hematopoiesis?. , 2006, , 80-91.		3
747	The Road to Commitment: Lineage Restriction Events in Hematopoiesis. , 2009, , 23-46.		2
748	The Life Cycle of Blood Cells. , 1983, , 474-497.		6
749	Does C-Myb Have A Role In Haemopoietic Stem Cells And Multilineage Progenitors?. , 2004, , 145-161.		1
750	Fetal Liver Cell Transplantation. , 2013, , 219-235.		1
751	Transcriptional Control of Hematopoietic Development. , 1995, , 23-34.		3
752	Umbilical Cord Blood Stem Cell Transplantation. Cancer Treatment and Research, 1995, 76, 195-213.	0.2	9
753	Allogeneic umbilical cord blood transplantation. Cancer Treatment and Research, 1997, 77, 187-216.	0.2	20
754	Models of Human Genetic Disease in Domestic Animals. , 1982, 12, 263-339.		35
755	Control of Gene Expression during Erythroid Cell Differentiation. Advances in Experimental Medicine and Biology, 1974, 44, 221-243.	0.8	6
756	Cell Surface Glycoproteins and Carbohydrate Antigens in Development and Differentiation of Human Erythroid Cells. , 1984, , 183-234.		21
757	Developmental Origins of Hematopoietic Stem Cells. , 1998, , 3-25.		5

#	Article	IF	CITATIONS
758	The Role of Cytokines in Hematolymphoid Development. , 1998, , 149-175.		1
759	Chemokines in Trafficking of Hematopoietic Stem and Progenitor Cells and Hematopoiesis. , 2007, , 119-138.		1
760	In Vitro Differentiation of Embryonic Stem Cells as a Model of Early Hematopoietic Development. Methods in Molecular Biology, 2009, 538, 317-334.	0.4	46
761	Developmental Biology of Mammalian T-Cell Progenitors: From Early Lymphoid Progenitors to Thymus-Colonizing Cells. , 2010, , 93-116.		1
762	Whole Embryo Imaging of Hematopoietic Cell Emergence and Migration. Methods in Molecular Biology, 2011, 750, 143-155.	0.4	6
763	Involvement of Marrow-Derived Endothelial Cells in Vascularization. , 2007, , 89-114.		18
764	Ontogeny of Human Natural and Acquired Immunity. Current Topics in Microbiology and Immunology, 1997, 222, 67-102.	0.7	9
765	Ontogenetic Aspects. Handbuch Der Allgemeinen Pathologie, 1977, , 169-193.	0.3	4
766	Collection, Cryopreservation and Transplantation of Blood Stem Cells in the Treatment of Hemopoietic Failure. Hamatologie Und Bluttransfusion, 1980, 25, 53-60.	0.0	3
767	Cellular Interactions and/or Random Differentiation for the Formation of Erythroid Cells in the Early Chick Embryo. , 1987, , 147-163.		1
768	Hemopoietic Stem Cells in Embryogenesis of the Mouse. Hamatologie Und Bluttransfusion, 1992, , 106-109.	0.0	1
769	Comparative Development of the Mammalian Yolk Sac. , 1993, , 1-32.		11
770	Experimental Models of Injury in the Mammalian Yolk Sac. , 1993, , 135-160.		3
771	Pro-T Cell Homing to the Thymus. Current Topics in Microbiology and Immunology, 1993, 184, 139-150.	0.7	7
772	Immunodeficiency diseases — a review. , 1979, , 3-68.		2
773	B Cell Development and Maturation. Advances in Experimental Medicine and Biology, 2020, 1254, 1-22.	0.8	108
774	Primary and Secondary Immune Deficiencies of Domestic Animals. Advances in Veterinary Medicine, 1979, 23, 23-52.	0.1	14
775	Hemopoietic Stem Cells During Embryonic Development and Growth. , 1976, , 323-330.		6

	CITATION	Report	
# 777	ARTICLE STAGE AND TISSUE-SPECIFIC HEMOGLOBIN SYNTHESIS IN AN INVERTEBRATE. , 1976, , 227-240.	IF	CITATIONS
778	Host-Virus Relationship at the Embryonic Level. , 1974, , 3-30.		10
779	Erythropoiesis. , 1974, , 51-89.		6
780	Developmental Granulocytopoiesis. , 2004, , 1388-1396.		9
781	Developmental Erythropoiesis. , 2004, , 1397-1420.		3
782	Ontogeny of the Hematopoietic System. , 2004, , 159-174.		2
783	Developmental Erythropoiesis. , 2011, , 1495-1520.		4
784	Hematopoiesis from embryonic stem cells: lessons from and for ontogeny. Experimental Hematology, 2003, 31, 994-1006.	0.2	37
785	Cell fate determination from stem cells. , 0, .		2
787	Hematopoietic Commitment During Embryonic Stem Cell Differentiation in Culture. Molecular and Cellular Biology, 1993, 13, 473-486.	1.1	291
788	Murine embryonic stem cells without pig-a gene activity are competent for hematopoiesis with the PNH phenotype but not for clonal expansion Journal of Clinical Investigation, 1997, 100, 1028-1036.	3.9	122
789	Embryonic hemoglobins in man and other mammals. Blood, 1981, 57, 623-633.	0.6	30
790	Porcine brain microvascular endothelial cells support the in vitro expansion of human primitive hematopoietic bone marrow progenitor cells with a high replating potential: requirement for cell-to-cell interactions and colony-stimulating factors. Blood, 1995, 85, 1751-1761.	0.6	64
791	Leptin Stimulates Fetal and Adult Erythroid and Myeloid Development. Blood, 1997, 89, 1507-1512.	0.6	2
792	Lineage- and Stage-Specific Expression of Runt Box Polypeptides in Primitive and Definitive Hematopoiesis. Blood, 1997, 89, 2359-2368.	0.6	30
793	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	6
794	Hematopoietic Stem Cell Maintenance and Differentiation Are Supported by Embryonic Aorta-Gonad-Mesonephros Region–Derived Endothelium. Blood, 1998, 92, 908-919.	0.6	4
795	Expression of 4-Integrin Defines the Earliest Precursor of Hematopoietic Cell Lineage Diverged From Endothelial Cells. Blood, 1999, 93, 1168-1177.	0.6	6

#	Article	IF	CITATIONS
796	Expansion of hematopoietic stem cells in the developing liver of a mouse embryo. Blood, 2000, 95, 2284-2288.	0.6	6
797	Hematopoietic stem cells express Tie-2 receptor in the murine fetal liver. Blood, 2000, 96, 3757-3762.	0.6	13
798	Ontogenic emergence of the hematon, a morphogenetic stromal unit that supports multipotential hematopoietic progenitors in mouse bone marrow. Blood, 2000, 96, 3763-3771.	0.6	1
799	The Highest Concentration of Primitive Hematopoietic Progenitor Cells in Cord Blood Is Found in Extremely Premature Infants. Pediatric Research, 1996, 39, 820-825.	1.1	49
800	Developmental Expression of NADPH Phagocytic Oxidase Components in Mouse Embryos. Pediatric Research, 1999, 46, 152-157.	1.1	10
801	Multiple hematopoietic lineages develop from embryonic stem (ES) cells in culture. Development (Cambridge), 1991, 111, 259-267.	1.2	521
802	Demonstration of a phagocytic cell system belonging to the hemopoietic lineage and originating from the yolk sac in the early avian embryo. Development (Cambridge), 1992, 115, 157-168.	1.2	91
803	Expression and function of c-Kit in fetal hemopoietic progenitor cells: transition from the early c-Kit-independent to the late c-Kit-dependent wave of hemopoiesis in the murine embryo. Development (Cambridge), 1993, 117, 1089-1098.	1.2	123
804	ES cells have only a limited lymphopoietic potential after adoptive transfer into mouse recipients. Development (Cambridge), 1993, 118, 1343-1351.	1.2	111
805	Negative control of <i>Xenopus</i> GATA-2 by activin and noggin with eventual expression in precursors of the ventral blood islands. Development (Cambridge), 1994, 120, 2519-2529.	1.2	91
806	A new approach to the study of haematopoietic development in the yolk sac and embryoid bodies. Development (Cambridge), 1995, 121, 3335-3346.	1.2	39
807	Characterization of zebrafish mutants with defects in embryonic hematopoiesis. Development (Cambridge), 1996, 123, 311-319.	1.2	244
808	Expression of the Ly-6E.1 (Sca-1) transgene in adult hematopoietic stem cells and the developing mouse embryo. Development (Cambridge), 1997, 124, 537-547.	1.2	61
809	<i>Cbfa2</i> is required for the formation of intra-aortic hematopoietic clusters. Development (Cambridge), 1999, 126, 2563-2575.	1.2	587
810	Development of erythroid and myeloid progenitors in the yolk sac and embryo proper of the mouse. Development (Cambridge), 1999, 126, 5073-5084.	1.2	821
811	Emergence of intraembryonic hematopoietic precursors in the pre-liver human embryo. Development (Cambridge), 1999, 126, 793-803.	1.2	241
812	Clonal analysis of differentiating embryonic stem cells reveals a hematopoietic progenitor with primitive erythroid and adult lymphoid-myeloid potential. Development (Cambridge), 2001, 128, 4597-4604.	1.2	92
813	Quantitative developmental anatomy of definitive haematopoietic stem cells/long-term repopulating units (HSC/RUs): role of the aorta-gonad-mesonephros (AGM) region and the yolk sac in colonisation of the mouse embryonic liver. Development (Cambridge), 2002, 129, 4891-4899.	1.2	340

#	Article	IF	Citations
814	Calmodulin-dependent protein kinase IV mediated antagonism of BMP signaling regulates lineage and survival of hematopoietic progenitors. Development (Cambridge), 2002, 129, 1455-1466.	1.2	20
815	Differentiation and grafting of haemopoietic stem cells from early postimplantation mouse embryos. Development (Cambridge), 1987, 99, 69-76.	1.2	29
816	Embryonal subregion-derived stromal cell lines from novel temperature-sensitive SV40 T antigen transgenic mice support hematopoiesis. Journal of Cell Science, 2002, 115, 2099-2108.	1.2	43
817	What do we know about the participation of hematopoietic stem cells in hematopoiesis?. F1000Research, 2015, 4, 1177.	0.8	1
818	Circulation and Chemotaxis of Fetal Hematopoietic Stem Cells. PLoS Biology, 2004, 2, e75.	2.6	272
819	Lhx2 Expression Promotes Self-Renewal of a Distinct Multipotential Hematopoietic Progenitor Cell in Embryonic Stem Cell-Derived Embryoid Bodies. PLoS ONE, 2008, 3, e2025.	1.1	21
820	Rat Embryonic Mast Cells Originate in the AGM. PLoS ONE, 2013, 8, e57862.	1.1	5
821	Ectopic Runx1 Expression Rescues Tal-1-Deficiency in the Generation of Primitive and Definitive Hematopoiesis. PLoS ONE, 2013, 8, e70116.	1.1	5
822	Characterizing the Lymphopoietic Kinetics and Features of Hematopoietic Progenitors Contained in the Adult Murine Liver In Vivo. PLoS ONE, 2013, 8, e76762.	1.1	6
823	Age-related Deterioration of Hematopoietic Stem Cells. International Journal of Stem Cells, 2008, 1, 55-63.	0.8	30
824	Sequential Gene Expression Analysis of Coagulation Factors and Proteaseactivated Receptors in Hematopoietic Lineage Development. Current Angiogenesis, 2015, 3, 139-143.	0.1	1
825	Developmental Origins of Hematopoietic Stem Cells. Oncology Research, 2003, 13, 315-321.	0.6	26
826	Mesenchymal Stem Cell Transplantation: New Avenues for Stem Cell Therapies. Journal of Transplantation Technologies & Research, 2013, 03, .	0.1	3
827	Types of Human Stem Cells and Their Therapeutic Applications. Stem Cell Discovery, 2014, 04, 13-26.	0.5	3
828	Development of dendritic cells in vitro from murine fetal liver–derived lineage phenotype-negative c-kit+hematopoietic progenitor cells. Blood, 2000, 95, 138-146.	0.6	2
829	Formation and Differentiation of Leukocytes. , 2001, , 11-51.		1
830	Microglie : origine et développement. Bulletin De L'Academie Nationale De Medecine, 2001, 185, 337-347.	0.0	2
831	Obtaining and characteristics of human cells at early haemopoiesis stages when cultured in vitro. Biopolymers and Cell, 2002, 18, 534-539.	0.1	1

#	ARTICLE	IF	CITATIONS
832	Differenzierung myeloischer und lymphatischer Zellen. , 2003, , 89-129.		2
833	Aging of the Hematopoietic System. , 2003, , 101-114.		Ο
834	Hematopoietic Stem Cells and Angiogenesis. Developments in Cardiovascular Medicine, 2003, , 469-480.	0.1	0
835	Developmental Megakaryocytopoiesis in Fetal and Neonatal Physiology. , 2004, , 1421-1433.		0
837	Regeneration of Hematopoietic and Cardiovascular Tissues. , 2006, , 283-303.		0
838	Long-Term Reconstituting Hematopoietic Stem Cell Capacity in the Embryo. , 2006, , 72-79.		0
844	Ex Vivo Expansion of HSPCs. , 2009, , 27-56.		0
845	Historical Roots. , 2009, , 1-38.		0
847	Differential Contributions of c-Kit Activating Mutations to Promotion of AML1-ETO Associated Neoplasia. Blood, 2010, 116, 4195-4195.	0.6	0
848	Developmental immunotoxicity testing. , 2011, , 219-225.		0
849	Developmental Megakaryocytopoiesis. , 2011, , 1520-1537.		0
851	Intra-Aortic Hematopoietic Cells. , 2012, , 59-75.		0
852	Regulation of Vasculogenesis and Angiogenesis. , 2012, , 261-270.		0
853	The P-Sp Culture System. , 2012, , 159-168.		0
854	Microglial Ontogeny and Functions in Shaping Brain Circuits. , 2014, , 183-215.		0
855	The Ontogeny of Bursa- and Thymus-Specific Cell Surface Antigens in the Chicken. , 1976, 66, 13-18.		2
856	Granulozytopoese Morphologie, Physiologie, Kinetik und Funktion. , 1976, , 193-360.		1
857	In vitro Approach to Development of Immune Reactivity. , 1976, 75, 1-43.		4

	Ci	tation Repo	RT	
#	Article	IF	-	Citations
858	Immunological Potential of Yolk Sac Cells. , 1976, 66, 51-57.			4
859	Cell Systems Participating in Graft Rejections. Handbuch Der Allgemeinen Pathologie, 1977, , 217-245	. 0	.3	0
860	Das Knochenmark. , 1978, , 1-34.			0
861	Whole Embryo Explants and Transplants. , 1978, , 95-133.			1
863	BONE GROWTH AND MODELLING. , 1980, , 83-99.			1
864	HAEMOGLOBIN PRODUCTION DURING DEVELOPMENT., 1981,, 101-113.			1
865	Aktuelle Aspekte der Leukänie — Forschung und Systematik. , 1981, , 227-231.			0
866	MORPHOLOGICAL STUDIES ON THE HEPATIC HEMATOPOIESIS OF HUMAN FETUSES. , 1981, , 53-64.			2
867	Cytological studies on ontogenesis and differentiation of yolk sac macrophage Journal of the Japan Society of the Reticuloendothelial System, 1987, 27, 1-23.	0	.0	0
868	Origin of macrophages (Hofbauer cells) in the stroma of chorionic villi. Their relationship to yolk sac hematopoiesis Journal of the Japan Society of the Reticuloendothelial System, 1988, 28, 99-111.	O	.0	1
869	Progression of Lymphoproliferative Disorders and Hematologic Malignancies. , 1989, , 122-147.			0
870	Fetal expression of hemonectin: an extracellular matrix hematopoietic cytoadhesion molecule. Blood, 1990, 75, 357-364.	O	.6	9
871	Ontogeny of the chicken macrophage Journal of the Japan Society of the Reticuloendothelial System 1990, 30, 253-267.	' O	.0	1
872	The Genes for Leukemia Inhibitory Factor and Interleukin-6 Are Expressed in Mouse Blastocysts prior to the Onset of Hemopoiesis. Molecular and Cellular Biology, 1990, 10, 4953-4956.	1.	.1	20
873	Mouse Models of Human Trisomy 21 (Down Syndrome). , 1992, , 1-23.			0
874	The Gene for Erythropoietin Receptor Is Expressed in Multipotential Hematopoietic and Embryonal Stem Cells: Evidence for Differentiation Stage-Specific Regulation. Molecular and Cellular Biology, 1992, 12, 1815-1826.	1.	.1	30
875	Liver-derived fetal hematopoietic stem cells selectively and preferentially home to the fetal bone marrow. Blood, 1993, 81, 399-404.	0	.6	27
876	Hematopoietic Growth Factors Involved in B-Cell Development. Blood Cell Biochemistry, 1996, , 217-2	.390	.3	0

#	Article	IF	CITATIONS
877	Biology of Haematopoietic Cell Growth Factors. , 1996, , 39-57.		0
878	Whole mount cin situ hybridization of mouse embryos. , 1996, , 1183-1193.		0
879	Is there an Embryological Basis for the Association of Mediastinal Germ Cell Tumors and Hematologic Cancers?. , 1996, , 59-68.		0
880	A Shortened Life Span of EKLFâ^'/â^' Adult Erythrocytes, Due to a Deficiency of β-Globin Chains, Is Ameliorated by Human γ-Globin Chains. Blood, 1997, 90, 1291-1299.	0.6	1
881	Natural Killer and B-Lymphoid Potential in CD34+ Cells Derived From Embryonic Stem Cells Differentiated in the Presence of Vascular Endothelial Growth Factor. Blood, 1998, 91, 2283-2295.	0.6	3
882	Development and Differentiation of Macrophages, Osteoclasts, and Dendritic Cells. , 1999, , 35-41.		0
883	In Vitro Hematopoietic and Endothelial Cell Development From Cells Expressing TEK Receptor in Murine Aorta-Gonad-Mesonephros Region. Blood, 1999, 93, 1549-1556.	0.6	3
884	Human Cord Blood Progenitors Sustain Thymic T-Cell Development and a Novel Form of Angiogenesis. Blood, 1999, 94, 3928-3940.	0.6	1
885	Human Hematopoietic Development. , 2015, , 7-12.		0
886	Blood Induction and Embryonic Formation. , 2015, , 451-467.		0
887	Development of Immune System Organs. Molecular and Integrative Toxicology, 2017, , 245-294.	0.5	4
888	Fitoterápicos na Rede Pública de Saúde (SUS) no Brasil: Um estudo toxicológico de Mikania glomerata em fetos de ratas Wistar. Revista Fitos, 2017, 10, .	0.1	0
890	Gene Action Changes during Vertebrate Differentiation. , 1983, , 187-248.		0
891	Cord Blood Banking. Immunohematology, 1997, 13, 97-101.	0.2	1
892	Implications of Developmental Switches for Hematopoietic Stem Cell Aging. , 2009, , 589-611.		0
893	2 Bone marrow B cell development. Clinics in Haematology, 1982, 11, 509-529.	2.2	13
894	Identification of pro-thymocytes in murine fetal blood: T lineage commitment can precede thymus colonization. EMBO Journal, 1994, 13, 4229-40.	3.5	34
895	Primitive lymphohematopoietic precursor cell lines generated in culture from day 7 early-mid-primitive streak stage mouse embryo. EMBO Journal, 1996, 15, 6869-76.	3.5	0

#	Article	IF	CITATIONS
896	B cell ontogeny in murine embryo studied by a culture system with the monolayer of a stromal cell clone, ST2: B cell progenitor develops first in the embryonal body rather than in the yolk sac. EMBO Journal, 1988, 7, 1337-43.	3.5	73
897	Pattern of serum protein gene expression in mouse visceral yolk sac and foetal liver. EMBO Journal, 1984, 3, 1881-5.	3.5	65
898	The postnatal development of the liver in a marsupial, Didelphis virginiana. 2. Electron microscopy. Journal of Anatomy, 1975, 120, 191-205.	0.9	8
899	The fine structure of haemopoiesis in the human fetal liver. I. The haemopoietic precursor cells. Journal of Anatomy, 1973, 115, 99-111.	0.9	9
900	Inability of adult circulating haemopoietic stem cells to sustain haemopoiesis in mouse fetal liver microenvironment. Immunology, 1988, 64, 463-7.	2.0	8
901	The ontogenetic development of macrophage subpopulations and Ia-positive non-lymphoid cells in gut-associated lymphoid tissue of the rat. Immunology, 1988, 63, 79-85.	2.0	25
902	Immune responses in congenitally thymus-less mice. I. Absence of response to oxazolone. Clinical and Experimental Immunology, 1972, 10, 151-61.	1.1	85
903	Recent Advances in Developmental Hematopoiesis: Diving Deeper With New Technologies. Frontiers in Immunology, 2021, 12, 790379.	2.2	11
904	Hematopoietic Stem Cell Requirement for Macrophage Regeneration Is Tissue Specific. Journal of Immunology, 2021, 207, 3028-3037.	0.4	3
905	Organs and Tissues of the Immune System. , 2021, , .		1
905 906	Organs and Tissues of the Immune System. , 2021, , . Development of the avian hematopoietic and immune systems. , 2022, , 45-69.		1
		1.6	
906	Development of the avian hematopoietic and immune systems. , 2022, , 45-69. Developmental programming of macrophages by early life adversity. International Review of Cell and	1.6	2
906 907	Development of the avian hematopoietic and immune systems. , 2022, , 45-69. Developmental programming of macrophages by early life adversity. International Review of Cell and Molecular Biology, 2022, , . Macrophage compartmentalization in the brain and cerebrospinal fluid system. Science Immunology,		2
906 907 908	Development of the avian hematopoietic and immune systems. , 2022, , 45-69. Developmental programming of macrophages by early life adversity. International Review of Cell and Molecular Biology, 2022, , . Macrophage compartmentalization in the brain and cerebrospinal fluid system. Science Immunology, 2022, 7, eabk0391. Increasing Complexity of Molecular Landscapes in Human Hematopoietic Stem and Progenitor Cells	5.6	2 2 19
906 907 908 909	Development of the avian hematopoietic and immune systems. , 2022, , 45-69. Developmental programming of macrophages by early life adversity. International Review of Cell and Molecular Biology, 2022, , . Macrophage compartmentalization in the brain and cerebrospinal fluid system. Science Immunology, 2022, 7, eabk0391. Increasing Complexity of Molecular Landscapes in Human Hematopoietic Stem and Progenitor Cells during Development and Aging. International Journal of Molecular Sciences, 2022, 23, 3675. Early Life Inflammation and the Developing Hematopoietic and Immune Systems: The Cochlea as a sensitive Indicator of Disruption. Cells, 2021, 10, 3596. Stem Cell-Based Disease Models for Inborn Errors of Immunity. Cells, 2022, 11, 108.	5.6 1.8	2 2 19 5
900 907 908 909	Development of the avian hematopoietic and immune systems. , 2022, , 45-69. Developmental programming of macrophages by early life adversity. International Review of Cell and Molecular Biology, 2022, , . Macrophage compartmentalization in the brain and cerebrospinal fluid system. Science Immunology, 2022, 7, eabk0391. Increasing Complexity of Molecular Landscapes in Human Hematopoietic Stem and Progenitor Cells during Development and Aging. International Journal of Molecular Sciences, 2022, 23, 3675. Early Life Inflammation and the Developing Hematopoietic and Immune Systems: The Cochlea as a Sensitive Indicator of Disruption. Cells, 2021, 10, 3596.	5.6 1.8 1.8	2 2 19 5 9

# 918	ARTICLE Molecular Aspects of Stem Cell Renewal. , 0, , 62-68.	IF	Citations 0
919	Thymic non-lymphoid cells. Survey of Immunologic Research, 1985, 4, 120-134.	0.4	15
920	The origins and roles of osteoclasts in bone development, homeostasis and repair. Development (Cambridge), 2022, 149, .	1.2	27
921	Novel insights into embryonic cardiac macrophages. Developmental Biology, 2022, 488, 1-10.	0.9	3
922	Embryonic Origins of the Hematopoietic System: Hierarchies and Heterogeneity. HemaSphere, 2022, 6, e737.	1.2	11
923	New perspectives on the origins and heterogeneity of mast cells. Nature Reviews Immunology, 2023, 23, 55-68.	10.6	41
924	Laminin Nâ€ŧerminus α31 expression during development is lethal and causes widespread tissueâ€specific defects in a transgenic mouse model. FASEB Journal, 2022, 36, .	0.2	3
925	Fetal Liver Erythropoiesis and Yolk Sac Cells. Science, 1972, 177, 187-187.	6.0	0
926	<i>Response</i> : Fetal Liver Erythropoiesis and Yolk Sac Cells. Science, 1972, 177, 187-187.	6.0	0
929	Differentiation of the mammalian hepatic primordium <i>in vitro</i> :I. Morphogenesis and the onset of haematopoiesis. Development (Cambridge), 1973, 30, 83-96.	1.2	20
930	Potentialites hématopoÃ ⁻ étiques de tissus embryonnaires et adultes analysees par greffe à des poussins irradiés. Development (Cambridge), 1975, 33, 259-278.	1.2	0
931	The relationship between erythropoietin-dependent cellular differentiation and colony-forming ability in prenatal haemopoietic tissues. Development (Cambridge), 1975, 34, 575-588.	1.2	4
932	Properties and development of erythropoietic stem cells in the chick embryo. Development (Cambridge), 1976, 36, 247-260.	1.2	0
933	Direct exposure of postimplantation mouse embryos to 5-bromodeoxyuridine <i>in vitro</i> and its effect on subsequent chondrogenesis in the limbs. Development (Cambridge), 1976, 36, 623-638.	1.2	10
934	Cell growth and differentiation of murine extra-embryonic fetal and adult hematopoietic tissues in diffusion chamber cultures. Development (Cambridge), 1977, 40, 159-166.	1.2	0
936	Ontogeny of the granulocyte/macrophage progenitor cell (GM-CFC) pools in the beagle. Development (Cambridge), 1984, 80, 87-103.	1.2	1
937	The role of endoderm in blood cell ontogeny in the newt <i>Pleurodeles waltl</i> . Development (Cambridge), 1984, 81, 37-47.	1.2	3
939	Specification of hematopoietic stem cells in mammalian embryos: A rare or frequent event?. Blood, O, , .	0.6	1

#	Article	IF	CITATIONS
940	Vasculogenesis. , 2022, , 9-17.		0
941	Gastruloids as in vitro models of embryonic blood development with spatial and temporal resolution. Scientific Reports, 2022, 12, .	1.6	10
942	How cell migration helps immune sentinels. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	4
943	Development and Function of Macrophages. , 2022, , .		0
944	Mechanosensing in macrophages and dendritic cells in steady-state and disease. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	13
945	Characterization and Differentiation of an Early Murine Yolk Sac-Derived IL-7-Independent Pre-Pro-B Cell Line. Journal of Immunology, 1998, 161, 1284-1291.	0.4	9
946	Emergence of T, B, and Myeloid Lineage-Committed as well as Multipotent Hemopoietic Progenitors in the Aorta-Gonad- Mesonephros Region of Day 10 Fetuses of the Mouse. Journal of Immunology, 1999, 163, 4788-4795.	0.4	60
947	In vivo clonal tracking reveals evidence of haemangioblast and haematomesoblast contribution to yolk sac haematopoiesis. Nature Communications, 2023, 14, .	5.8	6
948	Hydrogel-based microenvironment engineering of haematopoietic stem cells. Cellular and Molecular Life Sciences, 2023, 80, .	2.4	0
949	Fateâ€mapping studies in inbred mice: A model for understanding macrophage development and homeostasis?. European Journal of Immunology, 2023, 53, .	1.6	1
950	Mast cell ontogeny: From fetal development to lifeâ€long health and disease. Immunological Reviews, 2023, 315, 31-53.	2.8	9
951	A timeline of tumour-associated macrophage biology. Nature Reviews Cancer, 2023, 23, 238-257.	12.8	83
952	Assembling the layers of the hematopoietic system: A window of opportunity for thymopoiesis in the embryo. Immunological Reviews, 2023, 315, 54-70.	2.8	3
953	Multiple waves of fetalâ€derived immune cells constitute adult immune system. Immunological Reviews, 2023, 315, 11-30.	2.8	3
954	Macrophages and stem/progenitor cells interplay in adipose tissue and skeletal muscle: a review. Stem Cell Investigation, 0, 10, 9-9.	1.3	2
957	Hematopoietic Development of Human Pluripotent Stem Cells. Biochemistry, 0, , .	0.8	0