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#	Paper	IF	Citations
2174	Derivation of hepato-pancreatic intermediate progenitor cells from a clonal mesenchymal stem cell line of rat bone marrow origin. 1998 , 22, 447		
2173	Differentiation potential. 1999 , 1, 131-2		1
2172	Hematopoietic potential of stem cells isolated from murine skeletal muscle. 1999 , 96, 14482-6		809
2171	Molecular mechanisms of liver development and differentiation. 1999 , 11, 678-82		80
2170	Fetal microchimerism alone does not contribute to the induction of primary biliary cirrhosis. 1999 , 30, 833-8		98
2169	The canals of Hering and hepatic stem cells in humans. 1999 , 30, 1425-33		605
2168	Breakthrough of the year. Capturing the promise of youth. <i>Science</i> , 1999 , 286, 2238-9	33.3	48
2167	[Developments in cell therapy in the year 2000]. 1999 , 6, 364-9		
2166	Laser-assisted microdissection and short tandem repeat PCR for the investigation of graft chimerism after solid organ transplantation. 2000 , 68, 196-201		13
2165	Bibliography current world literature. 2000 , 16, B101-64		
2164	Expression of hematopoietic growth factor receptors on early hematopoietic precursors: detection and regulation. 2000 , 7, 161-7		
2163	Hematopoietic stem cells. 2000 , S91-7		11
2162	Hepatology. 2000 , 16, 197-199		
2161	Tissue engineering: challenges and opportunities. 2000 , 53, 617-20		188
2160	Derivation of hepatocytes from bone marrow cells in mice after radiation-induced myeloablation. 2000 , 31, 235-40		847
2159	Transplantation of virally transduced cells into the dermis of immunocompetent and immunodeficient (SCID) mice to determine gene expression profile and differential donor cell survival. 2000 , 8, 503-10		5
2158	Fetal bone marrow as a source of stem cells for in utero or postnatal transplantation. 2000 , 109, 173-81		27

2157	Blood fetal microchimerism in primary biliary cirrhosis. 2000 , 122, 418-22	50
2156	New islets from old. 2000 , 6, 250-1	15
2155	Skeletal myogenic potential of human and mouse neural stem cells. 2000 , 3, 986-91	398
2154	Stem cell alchemy. 2000 , 6, 1212-3	56
2153	Split stories converge at desmoglein 1. 2000 , 6, 1213-4	6
2152	Purified hematopoietic stem cells can differentiate into hepatocytes in vivo. 2000 , 6, 1229-34	2012
2151	Immunobiology of allogeneic peripheral blood mononuclear cells mobilized with granulocyte-colony stimulating factor. 2000 , 26, 1-16	34
2150	Hepatocytes from non-hepatic adult stem cells. 2000 , 406, 257	798
2149	Diversification of haematopoietic stem cells to specific lineages. 2000 , 1, 57-64	437
2148	Closing in on the elusive liver stem cell?. 2000 , 6, 137	
2147	The thin red line: angiogenesis in normal and malignant hematopoiesis. 2000 , 28, 993-1000	71
2146	Development of myofibroblasts from human bone marrow mesenchymal stem cells cocultured with human colon carcinoma cells and TGF beta 1. 2000 , 36, 77-80	41
2145	Commentary on Petters/Sommer's review. 2000 , 9, 345-346	
2144	Hepatic polyploidy and liver growth control. 2000 , 10, 161-71	203
2143	Flow-cytometric separation and enrichment of hepatic progenitor cells in the developing mouse liver. 2000 , 32, 1230-9	234
2142	Rat liver stem cells: prospects for the future. 2000 , 32, 1399-400	10
2141	Increased hepatocyte turnover and inhibition of woodchuck hepatitis B virus replication by adefovir in vitro do not lead to reduction of the closed circular DNA. 2000 , 32, 139-46	96
2140	Liver from bone marrow in humans. 2000 , 32, 11-6	1073

2139	Concanavalin A simultaneously primes liver hematopoietic and epithelial progenitor cells for parallel expansion during liver regeneration after partial hepatectomy in mice. 2000 , 32, 256-67		25
2138	Translating stem and progenitor cell biology to the clinic: barriers and opportunities. <i>Science</i> , 2000 , 287, 1442-6	33.3	662
2137	Die Leberregeneration. 2000 , 6, 348-355		1
2136	Review: Hepatic Oval Cells: "Knocking on Forbidden Doors". 2000 , 1, 59-64		
2135	Stem cells: the intestinal stem cell as a paradigm. 2000 , 21, 469-76		261
2134	Plasticity of bone marrow-derived stem cells. 2000 , 9, 957-60		14
2133	Impaired preneoplastic changes and liver tumor formation in tumor necrosis factor receptor type 1 knockout mice. 2000 , 192, 1809-18		255
2132	Perspective: Postnatal pancreatic beta cell growth. 2000 , 141, 1926-9		196
2131	Correlation of non-random chromosomal aberrations in lymphocytes of prostate cancer patients with specific clinical parameters. 2000 , 17, 113-7		3
2130	Perspectives on the morphology and biology of CD34-negative stem cells. 2000 , 9, 783-93		49
2129	Manipulation of pancreatic stem cells for cell replacement therapy. 2000 , 2, 453-60		5
2128	Developmental potential of somatic stem cells in mammalian adults. 2000 , 9, 961-9		15
2127	Exploiting Nonneural Cells to Rebuild the Nervous System: From Bone Marrow to Brain. 2000 , 6, 353-361		3
2126	Hepatic stem cells. 2000 , 46, 743-5		45
2125	Biomaterials in Liver Tissue Engineering. 2000 , 1, 65-73		1
2124	Hepatocyte growth factor induces differentiation of adult rat bone marrow cells into a hepatocyte lineage in vitro. 2000 , 279, 500-4		156
2123	Regeneration in vertebrates. 2000 , 221, 273-84		179
2122	Adult bone marrow stromal cells differentiate into neural cells in vitro. 2000 , 164, 247-56		1189

2121	Life and death of the pancreatic beta cells. 2000 , 11, 375-8		233
2120	On the track of a human circulating mesenchymal stem cell of neural crest origin. 2000 , 54, 146-62		28
2119	Stem cells: a new lease on life. 2000 , 100, 143-55		632
2118	Stem cells: units of development, units of regeneration, and units in evolution. 2000 , 100, 157-68		1429
2117	In vivo transfer of hepatocyte growth factor gene accelerates proliferation of hepatic oval cells in a 2-acetylaminofluorene/partial hepatectomy model in rats. 2000 , 470, 325-30		46
2116	Stem cells in epithelial tissues. <i>Science</i> , 2000 , 287, 1431-3	33.3	266
2115	Why stem cells?. <i>Science</i> , 2000 , 287, 1439-41	33.3	218
2114	From marrow to brain: expression of neuronal phenotypes in adult mice. <i>Science</i> , 2000 , 290, 1775-9	33.3	1289
2113	Neurons from stem cells: Implications for understanding nervous system development and repair. 2000 , 78, 613-628		16
2112	Stem cell plasticity in mammals and transdetermination in <i>Drosophila</i> : common themes?. 2000 , 18, 409-14		68
2111	Liver transplantation. 2000 , 32, 198-207		58
2110	Liver stem cells from bone marrow. 2000 , 32, 1181		6
2109	Reply. 2000 , 32, 1181		2
2108	Human hepatic stem-like cells isolated using c-kit or CD34 can differentiate into biliary epithelium. 2001 , 120, 534-44		205
2107	Differentiation of osteoblasts and in vitro bone formation from murine embryonic stem cells. 2001 , 7, 89-99		349
2106	Essential role for the (hepatic) LDL receptor in macrophage apolipoprotein E-induced reduction in serum cholesterol levels and atherosclerosis. 2001 , 154, 103-12		12
2105	Molecular Basis of Pancreas Development and Function. 2001 ,		1
2104	Hepatic stem cells: from bone marrow cells to hepatocytes. 2001 , 281, 1-5		40

2103	Expression of the Hoxa-13 gene correlates to hepatitis B and C virus associated HCC. 2001 , 281, 1041-4	14
2102	Low asialoglycoprotein receptor expression as markers for highly proliferative potential hepatocytes. 2001 , 285, 172-82	38
2101	Isolation, characterization, and transplantation of bone marrow-derived hepatocyte stem cells. 2001 , 288, 156-64	180
2100	Retention of multilineage differentiation potential of mesenchymal cells during proliferation in response to FGF. 2001 , 288, 413-9	482
2099	Hepatic "stem" cells: coming full circle. 2001 , 27, 590-600	48
2098	Suggestions for a new paradigm of cell differentiative potential. 2001 , 27, 625-31	19
2097	Hematopoietic progenitors and stem cells in murine muscle. 2001 , 27, 605-9	15
2096	Stem cell plasticity: molding the future of tissue development and repair. 2001 , 27, 586-9	3
2095	Muscle-derived stem cells: characterization and potential for cell-mediated therapy. 2001 , 27, 924-33	119
2094	Stem cell properties and repopulation of the rat liver by fetal liver epithelial progenitor cells. 2001 , 159, 1323-34	153
2093	Origin and structural evolution of the early proliferating oval cells in rat liver. 2001 , 158, 1313-23	245
2092	Adult-derived stem cells from the liver become myocytes in the heart in vivo. 2001 , 158, 1929-35	112
2091	Stem cell bioengineering. 2001 , 3, 275-305	110
2090	Protection of nigral neurons by GDNF-engineered marrow cell transplantation. 2001 , 40, 315-23	63
2089	Stem and progenitor cells: origins, phenotypes, lineage commitments, and transdifferentiations. 2001 , 17, 387-403	739
2088	Hematopoietic stem cells: old and new. 2001 , 55, 75-8	7
2087	Regulation by phagic T-lymphocytes of a (pluripotent?) organ stem cell present in adult human blood. A beneficial exception to self-tolerance. 2001 , 55, 79-90	4
2086	Stem cells and diabetes. 2001 , 55, 206-12	19

2085	The neural stem cells and their transdifferentiation capacity. 2001 , 55, 201-5	33
2084	Stem cells and the promise of eternal youth: embryonic versus adult stem cells. 2001 , 55, 179-85	19
2083	Chimeric stem cells. 2001 , 7, 144-6	8
2082	Hematopoietic development: a balancing act. 2001 , 11, 513-9	169
2081	Hepatocyte differentiation: from the endoderm and beyond. 2001 , 11, 568-74	151
2080	Differentiation potential of adult stem cells. 2001 , 11, 575-80	74
2079	Transdifferentiation and metaplasia--switching cell types. 2001 , 11, 581-6	152
2078	Toward regenerative medicine. 2001 , 14, 425-36	110
2077	Multi-organ, multi-lineage engraftment by a single bone marrow-derived stem cell. 2001 , 105, 369-77	2321
2076	The evolving concept of a stem cell: entity or function?. 2001 , 105, 829-41	888
2075	Microchimerism of presumed fetal origin in thyroid specimens from women: a case-control study. 2001 , 358, 2034-8	222
2074	Liver transplantation. Living donor, hepatocyte, and xenotransplantation. 2001 , 5, 431-60, vii	35
2073	Molecular therapeutics of liver disease. 2001 , 5, 381-414, vi	11
2072	Have the bloody cells gone to our heads?. 2001 , 155, 699-702	10
2071	Toti-/pluripotential stem cells and epigenetic modifications. 2001 , 26, 149-60	41
2070	Parenchymal and nonparenchymal cellular responses in human hepatic regeneration. 2001 , 16, 439-47	2
2069	Engineered Extracellular Matrices: A Biological Solution for Tissue Repair, Regeneration, and Replacement. 2001 , 2, 9-12	2
2068	Transgressions de lignages par des cellules pluripotentes issues de l'adulte. 2001 , 195, 39-46	3

2067	Prospects for research in hematologic disorders: sickle cell disease and thalassemia. 2001 , 285, 640-2	13
2066	Strategies for Ecell replacement in diabetes: obtaining and protecting islet tissue. 2001 , 8, 213-218	1
2065	Acute liver failure. 2001 , 17, 291-8	13
2064	Neural phenotype expression of cultured human cord blood cells in vitro. 2001 , 12, 3523-7	70
2063	Stem cells in ophthalmology. 2001 , 41, 241-54	1
2062	Cellular and molecular biology of the liver. 2001 , 17, 205-10	0
2061	Bone marrow origin of hematopoietic progenitors and stem cells in murine muscle. 2001 , 98, 2008-13	174
2060	Stromal cells retard the differentiation of CD34(+)CD38(low/neg) human primitive progenitors exposed to cytokines independent of their mitotic history. 2001 , 97, 435-41	29
2059	Pharmacologically regulated cell therapy. 2001 , 97, 2535-40	44
2058	Receptor specificity in the self-renewal and differentiation of primary multipotential hemopoietic cells. 2001 , 98, 328-34	41
2057	Mesenchymal stem cells. 2001 , 226, 507-20	672
2056	Scientific considerations relating to the ethics of the use of human embryonic stem cells in research and medicine. 2001 , 13, 23-9	16
2055	Regeneration of ischemic cardiac muscle and vascular endothelium by adult stem cells. <i>Journal of Clinical Investigation</i> , 2001 , 107, 1395-402	15.9 1460
2054	Potenzial adulter Stammzellen für Transplantationskonzepte. 2001 , 7, 1319-1323	1
2053	Hepatocyte transplantation: new horizons and challenges. 2001 , 8, 40-50	57
2052	Establishment of a human hepatocyte line (OUMS-29) having CYP 1A1 and 1A2 activities from fetal liver tissue by transfection of SV40 LT. 2001 , 37, 266-9	24
2051	Exploring the developmental potential of adult mammalian somatic cells. 2001 , 46, 4-5	3
2050	Liver irradiation: a potential preparative regimen for hepatocyte transplantation. 2001 , 49, 451-7	34

2049	Stem cells in regenerative biology and medicine. 2001 , 9, 429-42	69
2048	Microenvironment and stem properties of bone marrow-derived mesenchymal cells. 2001 , 9, 460-6	50
2047	The role of progenitor cells in repair of liver injury and in liver transplantation. 2001 , 9, 467-82	59
2046	Recombinant human bone morphogenetic protein-2 potentiates the in vivo osteogenic ability of marrow/hydroxyapatite composites. 2001 , 25, 201-8	65
2045	Liver stem cells: a potential source of hepatocytes for the treatment of human liver disease. 2001 , 25, 513-21	31
2044	Localization and quantitative study of hepatic oval cells in patients with chronic liver diseases: A pathological analysis of 29 liver specimens. 2001 , 2, 78-82	
2043	Update on hepatic stem cells. 2001 , 21, 367-73	66
2042	Bone marrow contributes to renal parenchymal turnover and regeneration. 2001 , 195, 229-35	550
2041	Tracking oligodendrocytes during development and regeneration. 2001 , 52, 766-77	3
2040	Enhanced proliferation and differentiation of rat hepatocytes cultured with bone marrow stromal cells. 2001 , 189, 106-19	66
2039	Human reserve pluripotent mesenchymal stem cells are present in the connective tissues of skeletal muscle and dermis derived from fetal, adult, and geriatric donors. 2001 , 264, 51-62	419
2038	Adult stem cells and neurogenesis: historical roots and state of the art. 2001 , 265, 132-41	35
2037	Human periosteum-derived cells maintain phenotypic stability and chondrogenic potential throughout expansion regardless of donor age. 2001 , 44, 85-95	460
2036	Multipotent mesenchymal stem cells from adult human synovial membrane. 2001 , 44, 1928-42	1435
2035	[The avian peripheral olfactory system: model for study of apoptosis and cellular regeneration]. 2001 , 126, 888-95	5
2034	Versatile stem cells, young and old. A review. 2001 , 35, 137-43	2
2033	Liver repopulation for the treatment of metabolic diseases. 2001 , 24, 231-44	41
2032	Liver transplantation of hepatic stem cells: potential use for treating liver diseases. 2001 , 17, 77-85	17

2031	The role of apoptosis in regulating hematopoietic stem cell numbers. 2001 , 6, 239-52	26
2030	The Replicative Potential of Hepatocytes and Liver Stem Cells. 2001 , 28, 616-623	
2029	Cell culture models for hepatotoxicology. 2001 , 17, 287-99	6
2028	A study of the cellular response to orientated fibronectin material in healing extensor rat tendon. 2001 , 12, 1005-11	3
2027	Bloody liver-prometheus revised. 2001 , 34, 212-4	1
2026	Evidence that a single stem cell can lead to multi-organ engraftment. 2001 , 7, 1085-7	1
2025	Liver regeneration: from laboratory to clinic. 2001 , 7, 835-44	108
2024	A reversibly immortalized human hepatocyte cell line as a source of hepatocyte-based biological support. 2001 , 6, 293-300	14
2023	Embryonic stem cell research. The case against. 2001 , 7, 397-9	15
2022	Isolation of multipotent adult stem cells from the dermis of mammalian skin. 2001 , 3, 778-84	1342
2021	Mesenchymal stem cells: heading into the clinic. 2001 , 27, 235-9	162
2020	Stem cell plasticity--building the brain of our dreams. 2001 , 2, 513-20	89
2019	Stem cells, cancer, and cancer stem cells. 2001 , 414, 105-11	7504
2018	Liver cell transplantation: the road to clinical application. 2001 , 138, 298-312	63
2017	Adult stem cell plasticity and methods of detection. 2001 , 5, 26-41	34
2016	Normal and leukemic CD34-negative human hematopoietic stem cells. 2001 , 5, 42-61	15
2015	Stem cells: is there a future in plastics?. 2001 , 13, 662-5	13
2014	Stem cell potential: can anything make anything?. 2001 , 11, R7-9	99

2013	Marrow-derived cells populate scaffolds composed of xenogeneic extracellular matrix. 2001 , 29, 1310-8	156
2012	Somatic stem cell plasticity: current evidence and emerging concepts. 2001 , 29, 1361-70	74
2011	Animal cloning--the route to new genomics in agriculture and medicine. 2001 , 68, 67-83	32
2010	The skeletal muscle satellite cell: stem cell or son of stem cell?. 2001 , 68, 193-204	190
2009	Brain from bone: efficient "meta-differentiation" of marrow stroma-derived mature osteoblasts to neurons with Noggin or a demethylating agent. 2001 , 68, 235-44	265
2008	Genomic expression analysis implicates Wnt signaling pathway and extracellular matrix alterations in hepatic specification and differentiation of murine hepatic stem cells. 2001 , 68, 254-69	38
2007	Intraarterial injection of muscle-derived CD34(+)/Sca-1(+) stem cells restores dystrophin in mdx mice. 2001 , 152, 335-48	232
2006	Gene and stem cell therapies. 2001 , 285, 545-50	51
2005	Liver regeneration on chicken chorioallantoic membrane. 2001 , 169, 125-33	10
2004	The potential of marrow stromal cells in stem cell therapy. 2001 , 15, 695-707	5
2003	From therapeutic angiogenesis to myocardium regeneration. 2001 , 1, 287-295	1
2002	Application of bone marrow-derived stem cells in experimental nephrology. 2001 , 9, 444-50	55
2001	Adult and embryonic-like stem cells: toward a major gene therapy breakthrough relying on autologous multipotent stem cells. 2001 , 1, 207-212	1
2000	Rx for tissue restoration: Regenerative biology and medicine. 2001 , 5, 91-99	1
1999	Highly efficient targeted transduction of undifferentiated human hematopoietic cells by adenoviral vectors displaying fiber knobs of subgroup B. 2001 , 12, 1989-2005	56
1998	Xenotransplantation of bovine bone marrow stromal cells into pig fetuses: incorporation into skeletal muscle. 2001 , 12, 183-91	2
1997	Cardiomyocytes induce endothelial cells to trans-differentiate into cardiac muscle: implications for myocardium regeneration. 2001 , 98, 10733-8	315
1996	Neogenesis of cerebellar Purkinje neurons from gene-marked bone marrow cells in vivo. 2001 , 155, 733-8	221

1995	Human embryonic germ cell derivatives express a broad range of developmentally distinct markers and proliferate extensively in vitro. 2001 , 98, 113-118	266
1994	Adult liver stem cells: bone marrow, blood, or liver derived?. 2001 , 48, 153-4	21
1993	Implantation of bone marrow mononuclear cells into ischemic myocardium enhances collateral perfusion and regional function via side supply of angioblasts, angiogenic ligands, and cytokines. 2001 , 104, 1046-52	796
1992	Hepatic stem cells: a review. 2001 , 33, 130-141	100
1991	ESTABLISHMENT OF A HUMAN HEPATOCYTE LINE (OUMS-29) HAVING CYP 1A1 AND 1A2 ACTIVITIES FROM FETAL LIVER TISSUE BY TRANSFECTION OF SV40 LT. 2001 , 37, 266	4
1990	[Possibilities and limits of harvesting and using human embryonic stem cells]. 2001 , 63, 2-8	0
1989	Nothing endures but change. 2001 , 49, 452	
1988	[Current status of cell-based therapies in liver diseases]. 2001 , 39, 975-80	1
1987	Islet transplantation as treatment of type 1 diabetes: from experimental beginnings to clinical application. 2001 , 109 Suppl 2, S373-83	11
1986	Plasticity of adult bone marrow stem cells. 2002 , 73-95	3
1985	Marrow stem cells, mesenchymal progenitor cells, and stromal progeny. 2002 , 20, 110-23	12
1984	In vitro trans-differentiation of adult hepatic stem cells into pancreatic endocrine hormone-producing cells. 2002 , 99, 8078-83	438
1983	Analysis of origin and optimization of expansion and transduction of circulating peripheral blood endothelial progenitor cells in the rhesus macaque model. 2002 , 13, 2041-50	17
1982	Hair follicle dermal cells repopulate the mouse haematopoietic system. 2002 , 115, 3967-74	153
1981	Chapter 6 Somitic and non somitic progenitors of skeletal muscle. 2002 , 11, 127-142	
1980	Noncryopreserved Bone Marrow Storage in STM-Sav, an Infusible-Grade Cell Storage Solution. 2002 , 1, 45-51	7
1979	Bone marrow derivation of pericryptal myofibroblasts in the mouse and human small intestine and colon. 2002 , 50, 752-7	193
1978	Neural stem cells: plasticity and their transdifferentiation potential. 2002 , 171, 64-76	41

1977	Stem cells: hype and reality. 2002 , 2002, 369-91	125
1976	Hematopoietic stem cells: self-renewing or aging?. 2002 , 171, 27-37	8
1975	Distinctive gene expression of receptor-type tyrosine kinase families during rat hepatocarcinogenesis. 2002 , 9, 473	3
1974	Cell fate determination from stem cells. 2002 , 9, 606-12	126
1973	Dimerizer-induced proliferation of genetically modified hepatocytes. 2002 , 5, 420-6	17
1972	[Stem cell biotechnology--revolution in established therapeutic methods?]. 2002 , 81 Suppl 1, S24-38	2
1971	Hepatic and renal differentiation from blood-borne stem cells. 2002 , 9, 625-30	38
1970	Hematopoietic, vascular and cardiac fates of bone marrow-derived stem cells. 2002 , 9, 648-52	90
1969	Plasticity of marrow-derived stem cells. 2002 , 9, 754-8	174
1968	Marrow-derived cells as vehicles for delivery of gene therapy to pulmonary epithelium. 2002 , 27, 645-51	127
1967	In Vivo Differentiation of Mouse Embryonic Stem Cells into Hepatocytes. 2002 , 11, 359-368	84
1966	Toward a new paradigm of cell plasticity. 2002 , 16, 542-8	63
1965	Development of the Endoderm and Its Tissue Derivatives. 2002 , 301-330	5
1964	The role of stem cells in skeletal and cardiac muscle repair. 2002 , 50, 589-610	164
1963	Host-derived enterocytes in intestinal grafts. 2002 , 74, 120-38	10
1962	Plasticity and hematopoiesis: Circe's transforming potion?. 2002 , 9, 268-73	8
1961	Multiple hematopoietic cell lineages develop in vivo from transplanted Pax5-deficient pre-B I-cell clones. 2002 , 99, 472-8	78
1960	Differentiation plasticity of hematopoietic cells. 2002 , 99, 3089-101	285

1959	Adult stem cell plasticity: new pathways of tissue regeneration become visible. 2002 , 103, 355-69	67
1958	The therapeutic potential of stem cells from adults. 2002 , 325, 372-6	55
1957	Bone marrow as a source of endothelial cells and NeuN-expressing cells After stroke. 2002 , 33, 1362-8	247
1956	Embryonic stem cells provide a powerful and versatile model system. 2002 , 64, 1-42	17
1955	Myocardial aging and embryonic stem cell biology. 2002 , 141-176	4
1954	Why respect for the human embryo?. 2002 , 69, 316-37	
1953	Connective tissue progenitors: practical concepts for clinical applications. 2002 , 66-80	165
1952	Adenovirus as an integrating vector. 2002 , 2, 135-44	51
1951	Human marrow stromal cell therapy for stroke in rat: neurotrophins and functional recovery. 2002 , 59, 514-23	791
1950	IFN-beta gene transfer into the central nervous system using bone marrow cells as a delivery system. 2002 , 22, 783-91	13
1949	Little evidence for developmental plasticity of adult hematopoietic stem cells. <i>Science</i> , 2002 , 297, 2256-93.3	1287
1948	Bone marrow-derived hepatocytes : rare but promising. 2002 , 161, 349-50	19
1947	The vagal nerve stimulates activation of the hepatic progenitor cell compartment via muscarinic acetylcholine receptor type 3. 2002 , 161, 521-30	86
1946	Kinetics of liver repopulation after bone marrow transplantation. 2002 , 161, 565-74	206
1945	Differentiation of muscle-derived cells into myofibroblasts in injured skeletal muscle. 2002 , 161, 895-907	199
1944	Molecular regulation of hepatocyte generation in adult animals. 2002 , 161, 1107-10	7
1943	Heterogeneity of ductular reactions in adult rat and human liver revealed by novel expression of deleted in malignant brain tumor 1. 2002 , 161, 1187-98	61
1942	Hepatocytes and epithelial cells of donor origin in recipients of peripheral-blood stem cells. 2002 , 346, 738-46	673

1941	Hepatic differentiation of murine embryonic stem cells. 2002 , 272, 15-22	162
1940	Experimental study on tissue engineering of the small intestine by mesenchymal stem cell seeding. 2002 , 102, 156-60	82
1939	From teratocarcinomas to embryonic stem cells. 2002 , 357, 405-17	204
1938	Differential HFE allele expression in hemochromatosis heterozygotes. 2002 , 123, 652-3; author reply 653	
1937	Reply. 2002 , 123, 653	1
1936	High recurrence rate of Helicobacter pylori infection in developing countries. 2002 , 123, 653-4	15
1935	Emesis, appetite, and endocannabinoids. 2002 , 123, 655; author reply 655-6	3
1934	Cytokine-dependent bystander hepatitis due to intrahepatic murine CD8 T-cell activation by bone marrow-derived cells. 2002 , 123, 1252-64	70
1933	Asymmetric cell kinetics genes: the key to expansion of adult stem cells in culture. 2002 , 20, 561-72	102
1932	A new cell therapy using bone marrow cells to repair damaged liver. 2002 , 37 Suppl 14, 162-3	33
1931	Donor cells for nuclear cloning: many are called, but few are chosen. 2002 , 4, 147-68	85
1930	From stem cells to tissue-specific differentiation. 2002 , 11, 101-5	1
1929	Stem cells and neurogenesis in the adult human brain. 2002 , 359, 1047-54	79
1928	Xenotransplant cardiac chimera: immune tolerance of adult stem cells. 2002 , 74, 19-24; discussion 24	229
1927	Differentiation of liver epithelial (stem-like) cells into hepatocytes induced by coculture with hepatic stellate cells. 2002 , 293, 1420-5	58
1926	Downregulation of beta2-microglobulin in human cord blood somatic stem cells after transplantation into livers of SCID-mice: an escape mechanism of stem cells?. 2002 , 294, 1052-63	44
1925	Improved conditions to induce hepatocytes from rat bone marrow cells in culture. 2002 , 298, 24-30	83
1924	Male enterocytes in female intestinal grafts. 2002 , 34, 884	

1923	Hepatic stem cells. 2002 , 34, 2702-5	8
1922	Human autologous culture expanded bone marrow mesenchymal cell transplantation for repair of cartilage defects in osteoarthritic knees. 2002 , 10, 199-206	745
1921	Homeostatic regulation of germinal stem cell proliferation by the GDNF/FSH pathway. 2002 , 113, 29-39	237
1920	Stem-cell origin of metastasis and heterogeneity in solid tumours. 2002 , 3, 508-13	130
1919	Liver stem cells and model systems for liver repopulation. 2002 , 36, 552-64	101
1918	Contribution of bone marrow cells to liver regeneration after partial hepatectomy in mice. 2002 , 36, 653-9	132
1917	Liver regeneration: with a little help from marrow. 2002 , 36, 695-7	4
1916	Up-regulated expression of fractalkine and its receptor CX3CR1 during liver injury in humans. 2002 , 37, 39-47	88
1915	Effects of bone marrow stromal cells on the structural and functional polarity of primary rat hepatocytes. 2002 , 38, 62-5	10
1914	Engraftment of bone marrow and fetal liver cells after in utero transplantation in MDX mice. 2002 , 37, 1058-64	38
1913	Production and purification of serotype 1, 2, and 5 recombinant adeno-associated viral vectors. 2002 , 28, 158-67	460
1912	Stem cells in adult tissues. 2002 , 13, 369-76	48
1911	Hepatic progenitor cells in human liver diseases. 2002 , 13, 389-96	165
1910	Progenitor cells of the biliary epithelial cell lineage. 2002 , 13, 397-403	42
1909	Hepatic oval 'stem' cell in liver regeneration. 2002 , 13, 405-9	95
1908	Bone marrow to liver: the blood of Prometheus. 2002 , 13, 411-7	33
1907	Cellular origin of hepatocellular carcinomas. 2002 , 13, 419-24	81
1906	Therapeutic potential of hepatocyte transplantation. 2002 , 13, 439-46	48

1905	Loss of cell anchorage triggers apoptosis (anoikis) in primary mouse hepatocytes. 2002 , 75, 344-52		85
1904	Plasticity, niches, and the use of stem cells. 2002 , 2, 707-12		79
1903	Hematopoietic stem cell therapy for type 1 diabetes: induction of tolerance and islet cell neogenesis. 2002 , 1, 133-8		25
1902	The use of in situ bone marrow stem cells for the treatment of various degenerative diseases. 2002 , 59, 422-8		15
1901	Inducible differentiation and morphogenesis of bipotential liver cell lines from wild-type mouse embryos. 2002 , 36, 794-804		1
1900	Hybrid-artificial liver support system. 2002 , 131, S334-40		10
1899	Bone marrow-derived liver stem cells: their therapeutic potential. 2002 , 123, 654-5		13
1898	A bioartificial liver--state of the art. <i>Science</i> , 2002 , 295, 1005-9	33.3	245
1897	Critical issues in bioartificial liver development. 2002 , 10, 177-186		19
1896	Stem Cells for all Seasons? Experimental and Clinical Issues. <i>Journal of the Royal Society of Medicine</i> , 2002 , 95, 5-8	2.3	1
1895	Recent developments on human cell lines for the bioartificial liver. 2002 , 25, 182-91		45
1894	Adult versus embryonic stem cells: it's still a tie. 2002 , 6, 303-5		24
1893	Biologic liver support: optimal cell source and mass. 2002 , 25, 985-93		39
1892	Cellules souches et médecine régénératrice. 2002 , 18, 503-509		0
1891	The tao of hematopoietic stem cells: toward a unified theory of tissue regeneration. 2002 , 2, 983-95		2
1890	Three-dimensional approach to stem cell therapy. 2002 , 17, 151-60		4
1889	Engineering of Human Hepatocyte Lines for Cell Therapies in Humans: Prospects and Remaining Hurdles. 2002 , 11, 417-420		4
1888	Stem cells in renal biology: bone marrow transplantation for the treatment of IgA nephropathy. 2002 , 10, 51-8		12

1887	Asymmetric cell kinetics genes: the key to expansion of adult stem cells in culture. 2002 , 2, 1906-21	13
1886	Liver regeneration. 2002 , 7, e301-14	28
1885	Adult stem cell technology--prospects for cell based therapy in regenerative medicine. 2002 , 25, 83-90	6
1884	Neural stem cells: progression of basic research and perspective for clinical application. 2002 , 51, 115-28	49
1883	Cytokine regulation of liver development. 2002 , 1592, 303-12	109
1882	The role of cytokines in liver failure and regeneration: potential new molecular therapies. 2002 , 1592, 345-58	90
1881	Neoductular progenitor cells regenerate hepatocytes in severely damaged liver: a comparative ultrastructural study. 2002 , 6, 59-73	7
1880	Cellular cardiomyoplasty--a novel approach to treat heart disease. 2002 , 8, 220-7	20
1879	Regenerative biology: the emerging field of tissue repair and restoration. 2002 , 70, 397-409	56
1878	Adult stem cells: assessing the case for pluripotency. 2002 , 12, 502-8	257
1877	In vivo differentiation of stem cells in the aorta-gonad-mesonephros region of mouse embryo and adult bone marrow. 2002 , 30, 957-66	19
1876	In vitro and in vivo hematopoietic potential of human stem cells residing in muscle tissue. 2002 , 30, 905-14	32
1875	Multipotent progenitor cells can be isolated from postnatal murine bone marrow, muscle, and brain. 2002 , 30, 896-904	715
1874	Hematopoietic potential of murine skeletal muscle-derived CD45(-)Sca-1(+)c-kit(-) cells. 2002 , 30, 915-24	37
1873	A few thoughts about the plasticity of stem cells. 2002 , 30, 848-52	54
1872	Liver and marrow of adult mdr-1a/1b(-/-) mice show normal generation, function, and multi-tissue trafficking of primitive hematopoietic cells. 2002 , 30, 862-9	57
1871	Radiation pneumonitis in mice: a severe injury model for pneumocyte engraftment from bone marrow. 2002 , 30, 1333-8	173
1870	Differentiative potential of human metanephric mesenchymal cells. 2002 , 30, 1454-62	74

1869	Stem cells: hype or hope?. 2002 , 7, 295-302	22
1868	Adult neural stem cells: plasticity and developmental potential. 2002 , 96, 81-90	59
1867	Neural cells derived from adult bone marrow and umbilical cord blood. 2002 , 69, 880-93	256
1866	Response of the donor and recipient cells in mesenchymal cell transplantation to cartilage defect. 2002 , 58, 14-8	58
1865	Plasticity of hematopoietic stem cells: enough to induce tolerance and repair tissue?. 2002 , 46, 855-8	7
1864	The intestinal epithelial stem cell. 2002 , 24, 91-8	466
1863	Human cortical glial tumors contain neural stem-like cells expressing astroglial and neuronal markers in vitro. 2002 , 39, 193-206	784
1862	Stem cell plasticity and blood and marrow transplantation: a clinical strategy. 2002 , 38, 96-103	5
1861	Stem cells: a minireview. 2002 , 38, 1-6	72
1860	Human CD34- hematopoietic stem cells: basic features and clinical relevance. 2002 , 75, 370-5	13
1859	Stem cells for regenerative medicine: advances in the engineering of tissues and organs. 2002 , 89, 338-51	169
1858	Bioengineering of liver assist devices. 2002 , 9, 686-96	41
1857	Reconstruction of hepatic organoid by hepatic stem cells. 2002 , 9, 697-703	19
1856	The Southern Urals radiation studies. A reappraisal of the current status. 2002 , 41, 307-16	12
1855	Stem cells for obstetricians and gynecologists. 2002 , 81, 383-8	1
1854	Transdifferentiation and nuclear reprogramming in hematopoietic development and neoplasia. 2002 , 187, 22-39	15
1853	Stability and plasticity of wild-type and Pax5-deficient precursor B cells. 2002 , 187, 87-95	15
1852	Cell proliferation and renewal of normal hepatocytes and bile duct cells in adult mouse liver. 2002 , 22, 419-25	90

1851	Role of primary intrahepatic T-cell activation in the 'liver tolerance effect'. 2002 , 80, 84-92	112
1850	Symposium 13: Stem cell in tissue engineering and transplantation. 2002 , 41, 222-226	
1849	Keratinocyte stem cells: a commentary. 2002 , 119, 888-99	140
1848	Stem cells in the kidney. 2002 , 61, 387-95	199
1847	Adult hematopoietic stem cell plasticity. 2002 , 42, 1096-101	10
1846	Hepatocyte transplantation. 2002 , 17 Suppl 3, S287-93	18
1845	Stem cells: a dramatic new therapeutic tool. 2002 , 17, 636-42	
1844	Haematopoietic stem cells. 2002 , 197, 430-40	86
1843	Gastrointestinal stem cells. 2002 , 197, 492-509	195
1842	Pancreatic stem cells. 2002 , 197, 519-26	236
1841	Cardiac stem cells. 2002 , 197, 468-78	65
1840	Hepatic stem cells. 2002 , 197, 510-8	139
1839	Adult stem cell plasticity. 2002 , 197, 441-56	208
1838	Bone marrow stem cells do not repopulate the healthy upper respiratory tract. 2002 , 34, 251-6	26
1837	CD34(+) or CD34(-): which is the more primitive?. 2002 , 16, 1603-8	51
1836	Cytokine control of developmental programs in normal hematopoiesis and leukemia. 2002 , 21, 3284-94	101
1835	In vivo cell lineage analysis during chemical hepatocarcinogenesis in rats using retroviral-mediated gene transfer: evidence for dedifferentiation of mature hepatocytes. 2002 , 82, 781-8	38
1834	Pluripotency of mesenchymal stem cells derived from adult marrow. 2002 , 418, 41-9	4721

1833	Changing potency by spontaneous fusion. 2002 , 416, 545-8	1302
1832	Bone marrow cells adopt the phenotype of other cells by spontaneous cell fusion. 2002 , 416, 542-5	1697
1831	Adult stem cells gradually come of age. 2002 , 20, 791-2	23
1830	Adult hematopoietic stem cells provide functional hemangioblast activity during retinal neovascularization. 2002 , 8, 607-12	590
1829	Damaged epithelia regenerated by bone marrow-derived cells in the human gastrointestinal tract. 2002 , 8, 1011-7	327
1828	Enzymatically labeled chromosomal probes for in situ identification of human cells in xenogeneic transplant models. 2002 , 8, 1033-6	13
1827	How cells change their phenotype. 2002 , 3, 187-94	335
1826	Stem cells and regenerative medicine. 2002 , 15, 190-8	11
1825	Stem cells on the way to restorative medicine. 2002 , 83, 1-12	15
1824	A role for extrarenal cells in the regeneration following acute renal failure. 2002 , 62, 1285-90	221
1823	Gene repair and transposon-mediated gene therapy. 2002 , 20, 105-18	43
1822	Isolation and characterization of size-sieved stem cells from human bone marrow. 2002 , 20, 249-58	240
1821	Stem cell bouillabaisse-potpourri. 2002 , 20, 360-3	
1820	Can bone marrow differentiate into renal cells?. 2002 , 17, 790-4	26
1819	Liver transplantation: making the best out of what we have. 2002 , 47, 945-53	20
1818	Mesenchymal stem cells. 2002 , 133, 103-9	25
1817	Transplantation of embryonic hepatocytes. Experimental substantiation of a new approach to the therapy of liver failure. 2002 , 134, 519-24	4
1816	SDF-1alpha/CXCR4: a mechanism for hepatic oval cell activation and bone marrow stem cell recruitment to the injured liver of rats. 2002 , 4, 339-51	207

1815	Bone marrow transplantation in mice leads to a minor population of hepatocytes that can be selectively amplified in vivo. 2002 , 35, 799-804	92
1814	Interleukin-6 from intrahepatic cells of bone marrow origin is required for normal murine liver regeneration. 2002 , 35, 40-8	106
1813	High frequency of epithelial chimerism in liver transplants demonstrated by microdissection and STR-analysis. 2002 , 35, 110-6	92
1812	Derivation, characterization, and phenotypic variation of hepatic progenitor cell lines isolated from adult rats. 2002 , 35, 315-24	48
1811	Gene repair in the new age of gene therapy. 2002 , 35, 512-8	19
1810	Maturation of fetal hepatocytes in vitro by extracellular matrices and oncostatin M: induction of tryptophan oxygenase. 2002 , 35, 1351-9	95
1809	Transplantation into and inside the liver. 2002 , 36, 249-51	15
1808	Demonstration of direct lineage between hepatocytes and hepatocellular carcinoma in diethylnitrosamine-treated rats. 2002 , 36, 623-30	55
1807	Inducible differentiation and morphogenesis of bipotential liver cell lines from wild-type mouse embryos. 2002 , 36, 794-804	108
1806	Human marrow-derived mesenchymal progenitor cells: isolation, culture expansion, and analysis of differentiation. 2002 , 20, 245-56	177
1805	Translation of PDGF cardioprotective pathways. 2003 , 3, 27-35	9
1804	Induction of neuron-specific enolase promoter and neuronal markers in differentiated mouse bone marrow stromal cells. 2003 , 21, 121-32	44
1803	An in vivo model for monitoring trans-differentiation of bone marrow cells into functional hepatocytes. 2003 , 134, 551-8	137
1802	Pluripotency of Bone Marrow Stromal Cells and Perspectives of Their Use in Cell Therapy. 2003 , 34, 185-191	0
1801	Bone-marrow stem cells as a source for cell therapy. 2003 , 8, 247-51	32
1800	Liver stem cells. 2003 , 41, 139-44	4
1799	Cell fusion and plasticity. 2003 , 41, 103-9	8
1798	Green Fluorescent Protein-Transgenic Rat as a Tool for Study of Transplantation and Regeneration in Myocardium. 2003 , 3, 63-69	

1797	Characterization of cell types during rat liver development. 2003 , 37, 148-54	62
1796	Mouse A6-positive hepatic oval cells also express several hematopoietic stem cell markers. 2003 , 37, 632-40	184
1795	Differentiation of embryonic stem cells into hepatocytes: biological functions and therapeutic application. 2003 , 37, 983-93	171
1794	Role of the hepatocyte nuclear factor 4alpha in control of the pregnane X receptor during fetal liver development. 2003 , 37, 1375-84	114
1793	Salivary gland progenitor cells induced by duct ligation differentiate into hepatic and pancreatic lineages. 2003 , 38, 104-13	129
1792	Sympathetic nervous system inhibition increases hepatic progenitors and reduces liver injury. 2003 , 38, 664-73	68
1791	Extensive chimerism in liver transplants: vascular endothelium, bile duct epithelium, and hepatocytes. 2003 , 9, 552-6	67
1790	Stem cell research in Germany: ethics of healing vs. human dignity. 2003 , 6, 5-16	11
1789	Liver-specific gene expression in cultured human hematopoietic stem cells. 2003 , 21, 98-104	107
1788	Human umbilical cord blood as a source of transplantable hepatic progenitor cells. 2003 , 21, 217-27	168
1787	Multiple organ engraftment by bone-marrow-derived myofibroblasts and fibroblasts in bone-marrow-transplanted mice. 2003 , 21, 514-20	204
1786	Cell therapy for bone disease: a review of current status. 2003 , 21, 610-9	124
1785	Neural stem cells: an overview. 2003 , 92, 598-608	187
1784	Bone marrow-derived stem cells and "plasticity". 2003 , 82, 599-604	52
1783	Neuroreplacement therapy and stem cell biology under disease conditions. 2003 , 60, 1891-902	26
1782	Gene expression profile of mouse bone marrow stromal cells determined by cDNA microarray analysis. 2003 , 311, 227-37	62
1781	Roles of bone marrow cells in glomerular diseases. 2003 , 7, 179-85	10
1780	Intermediate filament nestin expressions in human cord blood monocytes (HCMNCs). 2003 , 145, 483-7	19

1779	Differentiation of putative hepatic stem cells derived from adult rats into mature hepatocytes in the presence of epidermal growth factor and hepatocyte growth factor. 2003 , 71, 281-90	35
1778	Minimal evidence of transdifferentiation from recipient bone marrow to parenchymal cells in regenerating and long-surviving human allografts. 2003 , 3, 1173-81	38
1777	Establishment of hepatic stem-like cell lines from normal adult porcine liver in a poly-D-lysine-coated dish with NAIR-1 medium. 2003 , 39, 440-8	15
1776	The biology of hematopoietic stem cells. 2003 , 34, 446-60	67
1775	Stem cell plasticity: the growing potential of cellular therapy. 2003 , 34, 600-6	61
1774	Integrative molecular and developmental biology of adult stem cells. 2003 , 95, 563-78	21
1773	In vivo and in vitro differentiation of myocytes from human bone marrow-derived multipotent progenitor cells. 2003 , 31, 1323-30	91
1772	A glance into somatic stem cell biology: basic principles, new concepts, and clinical relevance. 2003 , 34, 3-15	20
1771	Teaching cells new tricks. 2003 , 21, 354-61	45
1770	Transcoronary implantation of bone marrow stromal cells ameliorates cardiac function after myocardial infarction. 2003 , 126, 114-23	80
1769	Evidence for novel fate of Flk1+ progenitor: contribution to muscle lineage. 2003 , 35, 153-9	178
1768	Liver stem cells: The fall and rise of tissue biology. 2003 , 38, 804-806	22
1767	High frequency of chimerism in transplanted livers. 2003 , 38, 989-998	99
1766	Transdifferentiation--fact or artifact. 2003 , 88, 29-40	92
1765	Somatic plasticity of neural stem cells: fact or fancy?. 2003 , 88, 51-6	8
1764	Participation of bone marrow derived cells in cutaneous wound healing. 2003 , 196, 245-50	359
1763	Mechanism of stem cells in the central nervous system. 2003 , 196, 409-18	17
1762	Development of cell markers for the identification and expansion of islet progenitor cells. 2003 , 19, 363-74	24

1761	Bone marrow stromal cells enhance differentiation of cocultured neurosphere cells and promote regeneration of injured spinal cord. 2003 , 72, 343-51	200
1760	Stem cell route to neuromuscular therapies. 2003 , 27, 133-41	35
1759	Cell-based therapies for birth defects: a role for adult stem cell plasticity?. 2003 , 69, 238-49	10
1758	Biology and clinical applications of mesenchymal stem cells. 2003 , 69, 250-6	118
1757	Clonal expansion of adult rat hepatic stem cell lines by suppression of asymmetric cell kinetics (SACK). 2003 , 83, 760-71	54
1756	Expression of progenitor cell markers in livers with fulminant massive necrosis. 2003 , 25, 149-157	8
1755	Incorporation of bovine bone marrow stromal cells into porcine foetal tissues after xenotransplantation. 2003 , 32, 98-101	1
1754	Oval cell-mediated liver regeneration: Role of cytokines and growth factors. 2003 , 18, 4-12	136
1753	Review article: a medicine based on cell transplantation -- is there a future for treating liver diseases?. 2003 , 18, 473-80	15
1752	Stem cell plasticity. 2003 , 122, 877-91	36
1751	New approach for the establishment of an hepatocyte cell line derived from rat early embryonic stem cells. 2003 , 16, 39-46	9
1750	Exploitation of stem cell plasticity. 2003 , 13, 325-49	15
1749	Cell fusion is the principal source of bone-marrow-derived hepatocytes. 2003 , 422, 897-901	1370
1748	Stem cell therapy for autoimmune disease: overview of concepts from the Snowbird 2002 tolerance and tissue regeneration meeting. 2003 , 32 Suppl 1, S3-5	6
1747	Hematopoietic stem cell transplantation for cardiac and peripheral vascular disease. 2003 , 32 Suppl 1, S29-31	17
1746	Epithelial stem cells: the eye provides a vision. 2003 , 17, 937-42	67
1745	Stem cells and diversity. 2003 , 17, 1042-8	12
1744	A crucial role of hepatocyte nuclear factor-4 expression in the differentiation of human ductular hepatocytes. 2003 , 83, 1395-402	10

1743	Small cells in hepatoblastoma lack "oval" cell phenotype. 2003 , 16, 930-6	27
1742	Single hematopoietic stem cells generate skeletal muscle through myeloid intermediates. 2003 , 9, 1520-7	345
1741	Pluripotent stem cells identified in multiple murine tissues. 2003 , 996, 158-73	59
1740	Transplanted human cord blood cells give rise to hepatocytes in engrafted mice. 2003 , 996, 174-85	116
1739	An overview of stem cell research and regulatory issues. 2003 , 78, 993-1003	16
1738	Transplanted BM and BM side population cells contribute progeny to the lung and liver in irradiated mice. 2003 , 5, 523-33	59
1737	Derivation of lung epithelium from bone marrow cells. 2003 , 5, 169-73	20
1736	Plasticity of bone marrow-derived stem cells. 2003 , 5, 116	1
1735	Establishment of Alb-DsRed2 transgenic rat for liver regeneration research. 2003 , 311, 478-478	
1734	Adult stem cell plasticity: fact or artifact?. 2003 , 19, 1-22	225
1733	Human cord blood-derived cells can differentiate into hepatocytes in the mouse liver with no evidence of cellular fusion. 2003 , 124, 1891-900	272
1732	Adult stem cells for tissue repair - a new therapeutic concept?. 2003 , 349, 570-82	615
1731	Human embryonic stem cells: research, ethics and policy. 2003 , 18, 672-82	188
1730	Stem cells: new tools in gastroenterology and hepatology. 2003 , 35, 507-14	19
1729	Hepatocyte transplantation: new possibilities for therapy. 2003 , 124, 568-71	73
1728	Fetal human hematopoietic stem cells can differentiate sequentially into neural stem cells and then astrocytes in vitro. 2003 , 12, 23-32	57
1727	Plasticity of marrow-derived stem cells. 2003 , 102, 3483-93	622
1726	Adult stem cell therapy for heart failure. 2003 , 3, 215-25	14

1725	Quantitative gene expression analysis reveals transition of fetal liver progenitor cells to mature hepatocytes after transplantation in uPA/RAG-2 mice. 2003 , 162, 37-45	60
1724	Increased chimerism of bronchial and alveolar epithelium in human lung allografts undergoing chronic injury. 2003 , 162, 1487-94	157
1723	Islet regeneration during the reversal of autoimmune diabetes in NOD mice. <i>Science</i> , 2003 , 302, 1223-7 33.3	290
1722	Differentiation, cell fusion, and nuclear fusion during ex vivo repair of epithelium by human adult stem cells from bone marrow stroma. 2003 , 100, 2397-402	444
1721	Establishment of Alb-DsRed2 transgenic rat for liver regeneration research. 2003 , 311, 478-81	36
1720	The role of hepatocytes and oval cells in liver regeneration and repopulation. 2003 , 120, 117-30	534
1719	Transdifferentiation of pancreas to liver. 2003 , 120, 107-16	99
1718	Hepatic regeneration from hematopoietic stem cells. 2003 , 120, 131-5	54
1717	Implantation of bone marrow stem cells reduces the infarction and fibrosis in ischemic mouse heart. 2003 , 35, 1113-9	147
1716	Neural trans-differentiation potential of hepatic oval cells in the neonatal mouse brain. 2003 , 182, 373-82	19
1715	Transplantation of porcine umbilical cord matrix cells into the rat brain. 2003 , 182, 288-99	92
1714	Induction of neuronal markers in bone marrow cells: differential effects of growth factors and patterns of intracellular expression. 2003 , 184, 78-89	79
1713	Brain as the Sea of Marrow. 2003 , 184, 54-60	20
1712	Differentiation of bone marrow cells into cells that express liver-specific genes in vitro: implication of the Notch signals in differentiation. 2003 , 304, 691-5	65
1711	Hepatic lineages isolated from developing rat liver show different ways of maturation. 2003 , 305, 46-53	20
1710	Significant differences among skeletal muscles in the incorporation of bone marrow-derived cells. 2003 , 262, 64-74	83
1709	In vivo cardiovascularogenesis by direct injection of isolated adult mesenchymal stem cells. 2003 , 288, 51-9	219
1708	Role of c-kit receptor tyrosine kinase-mediated signal transduction in proliferation of bile epithelial cells in young rats after ligation of bile duct: a study using Ws/Ws c-kit mutant rats. 2003 , 39, 86-92	7

1707	Sera from liver failure patients and a demethylating agent stimulate transdifferentiation of murine bone marrow cells into hepatocytes in coculture with nonparenchymal liver cells. 2003 , 39, 17-23	47
1706	Purification of adult hepatic progenitor cells using green fluorescent protein (GFP)-transgenic mice and fluorescence-activated cell sorting. 2003 , 39, 162-70	30
1705	Hemopoietic progenitor cells and bone marrow stromal cells in patients with autoimmune hepatitis type 1 and primary biliary cirrhosis. 2003 , 39, 679-85	26
1704	Differentiation of bone marrow cells in culture and in vivo. 2003 , 1252, 461-464	
1703	XVIIIe journ�e scientifique [Janvier 2003] [Cellules souches humaines. 2003 , 51, 434-442	
1702	Stem cell research: the facts, the myths and the promises. 2003 , 170, 2453-8	22
1701	[Plasticity of adult stem cells]. 2003 , 10, 103-8	4
1700	Immunohistochemical identification of multipotent adult progenitor cells from human bone marrow after transplantation into the rat brain. 2003 , 11, 38-45	13
1699	Stem cell research: elephants in the room. 2003 , 78, 1004-9	9
1698	Hepatocyte ploidy in regenerating livers after partial hepatectomy, drug-induced necrosis, and cirrhosis. 2003 , 35, 148-60	16
1697	Potential of embryonic and adult stem cells in vitro. 2003 , 384, 1391-409	90
1696	Biology of hematopoietic stem cells and progenitors: implications for clinical application. 2003 , 21, 759-806	770
1695	Adult mesenchymal stem cells and cell-based tissue engineering. 2003 , 5, 32-45	560
1694	Multiorgan engraftment and multilineage differentiation by human fetal bone marrow Flk1+/CD31-/CD34- Progenitors. 2003 , 12, 603-13	45
1693	SHED: stem cells from human exfoliated deciduous teeth. 2003 , 100, 5807-12	1992
1692	Human pulmonary chimerism after hematopoietic stem cell transplantation. 2003 , 168, 318-22	184
1691	Postnatal astrocytes promote neural induction from adult human bone marrow-derived stem cells. 2003 , 12, 681-8	34
1690	Liver stem cells: prospects for treatment of inherited and acquired liver diseases. 2003 , 3, 403-8	14

1689	Evidence for transdifferentiation of human bone marrow-derived stem cells: recent progress and controversies. 2003 , 35, 6-13	6
1688	Tissue Engineering, Stem Cells, and Gene Therapies. 2003 ,	13
1687	Isolation of hepatoblasts based on the expression of Dlk/Pref-1. 2003 , 116, 1775-86	294
1686	Effects of acute wound environment on neonatal rat dermal multipotent cells. 2003 , 175, 177-85	15
1685	Circulating vascular progenitor cells do not contribute to compensatory lung growth. 2003 , 93, 372-9	74
1684	Upregulation of lymphotoxin beta expression in liver progenitor (oval) cells in chronic hepatitis C. 2003 , 52, 1327-32	42
1683	The origin and liver repopulating capacity of murine oval cells. 2003 , 100 Suppl 1, 11881-8	358
1682	Hematopoietic stem cells: can old cells learn new tricks?. 2003 , 73, 547-55	20
1681	Efficient BMP2 gene transfer and bone formation of mesenchymal stem cells by a fiber-mutant adenoviral vector. 2003 , 7, 354-65	118
1680	Neuroectodermal differentiation from mouse multipotent adult progenitor cells. 2003 , 100 Suppl 1, 11854-60	297
1679	Endothelial cells but not epithelial cells or cardiomyocytes are partially replaced by donor cells after allogeneic bone marrow and stem cell transplantation. 2003 , 12, 359-66	12
1678	Cardiovascular disease: potential impact of stem cell therapy. 2003 , 1, 453-61	10
1677	Little evidence of bone marrow-derived hepatocytes in the replacement of injured liver. 2003 , 100 Suppl 1, 11850-3	153
1676	Adult Stem Cell Plasticity Defined. 2003 , 4, 181e-186	3
1675	Vascular gene delivery of anticoagulants by transplantation of retrovirally-transduced endothelial progenitor cells. 2003 , 58, 469-77	55
1674	Cellular origins of atherosclerosis: towards ontogenetic endgame?. 2003 , 17, 592-7	14
1673	Islet transplantation, stem cells, and transfusion medicine. 2003 , 17, 95-109	5
1672	Neoorganogenesis and neohistogenesis by desired metaplasia of autogenous tissue stem cells in vivo: a critical and scientific evaluation with 125 years of review literature. 2003 , 49, 53-62	

1671	Stem cell transplantation for treatment of liver diseases: From biological foundations to clinical experience (Review). 2003 , 11, 395	
1670	Isolation and characterization of mouse hepatic stem cells in vitro. 2003 , 23, 313-24	20
1669	Diversity of hepatic stem cells in the fetal and adult liver. 2003 , 23, 337-48	38
1668	Overview of recent experimental studies on liver stem cells. 2003 , 23, 303-12	55
1667	Human liver-derived stem cells. 2003 , 23, 373-84	49
1666	The role of bone marrow stem cells in liver regeneration. 2003 , 23, 363-72	77
1665	Progenitor cells in diseased human liver. 2003 , 23, 385-96	274
1664	Characterization of the differentiation capacity of rat-derived hepatic stem cells. 2003 , 23, 325-36	40
1663	Generation of hepatocyte-like cells from human embryonic stem cells. 2003 , 12, 1-11	371
1662	p27Kip1 inactivation provides a proliferative advantage to transplanted hepatocytes in DPPIV/Rag2 double knockout mice after repeated host liver injury. 2003 , 12, 907-19	33
1661	[State of hepatocyte transplantation: a risk or a chance?]. 2003 , 128, 283-90	2
1660	Hepatic stem cells and liver repopulation. 2003 , 23, 349-62	45
1659	Potential use of stem cells in neuroreplacement therapies for neurodegenerative diseases. 2003 , 228, 1-30	44
1658	Cryopreservation of primarily isolated porcine hepatocytes with UW solution. 2003 , 12, 607-16	30
1657	The potential of stem cells. 2003 , 58, 197-208	3
1656	Stem Cell Research: Elephants in the Room. 2003 , 78, 1004-1009	11
1655	. 2003 , 58, 197-208	1
1654	Stem cell plasticity: a new image of the bone marrow stem cell. 2003 , 15, 32-7	19

1653	Stem-cell "plasticity": befuddled by the muddle. 2003 , 10, 208-13	82
1652	Stem Cell Research and Pediatric Orthopedics. 2003 , 23, 423-424	
1651	An Overview of Stem Cell Research and Regulatory Issues. 2003 , 78, 993-1003	47
1650	Liver cells: biology to therapeutics. 2003 , 3, 161-5	2
1649	. 2003 , 23, 423-424	0
1648	Biology of Hematopoietic Stem and Progenitor Cells. 69-95	1
1647	[Adult stem cells: seing is not being]. 2003 , 19, 683-94	1
1646	Albumin-expressing hepatocyte-like cells develop in the livers of immune-deficient mice that received transplants of highly purified human hematopoietic stem cells. 2003 , 101, 4201-8	225
1645	Fetal liver stroma consists of cells in epithelial-to-mesenchymal transition. 2003 , 101, 2973-82	129
1644	Bone marrow mesenchymal stem cells inhibit the response of naive and memory antigen-specific T cells to their cognate peptide. 2003 , 101, 3722-9	1349
1643	Liver-derived matrix metalloproteinase-9 (gelatinase B) recruits progenitor cells from bone marrow into the blood circulation. 2003 , 26, 564-8	10
1642	Practical Modeling Concepts for Connective Tissue Stem Cell and Progenitor Compartment Kinetics. 2003 , 2003, 170-193	70
1641	The new stem cell biology: something for everyone. 2003 , 56, 86-96	106
1640	Differentiation of marrow stromal cells into photoreceptors in the rat eye. 2003 , 23, 7742-9	182
1639	Embryos, clones, and stem cells: a scientific primer. 2004 , 4, 662-715	4
1638	Hepatocyte transplantation: State of the art and strategies for overcoming existing hurdles. 2004 , 3, 48-53	53
1637	Protein Expression Profiling Analysis in Hematopoietic Stem Cells: Phenotypic Characterization of Mesenchymal Stem Cells. 2004 , 155-171	2
1636	Adult Bone-Marrow Stem Cells and Their Potential in Medicine. <i>Journal of the Royal Society of Medicine</i> , 2004 , 97, 465-471	2.3 18

1635 Adult Liver Stem Cells. **2004**, 483-495

1634 Adult skeletal muscle stem cells differentiate into endothelial lineage and ameliorate renal dysfunction after acute ischemia. **2004**, 287, F621-7

51

1633 Adult Progenitor Cells as a Potential Treatment for Diabetes. **2004**, 731-737

1632 Differentiation of rat marrow mesenchymal stem cells into pancreatic islet beta-cells. **2004**, 10, 3016-20

212

1631 Adult Stem Cells: Tissue Specific or Not?. **2004**, 13-20

5

1630 Human amniotic epithelial cells possess hepatocyte-like characteristics and functions. **2004**, 29, 73-84

122

1629 Neural stem and progenitor cells: choosing the right Shc. **2004**, 146, 127-33

7

1628 The potential of bone marrow stem cells to correct liver dysfunction in a mouse model of Wilson's disease. **2004**, 13, 765-73

22

1627 The histopathology of regeneration in massive hepatic necrosis. **2004**, 24, 49-64

51

1626 Transplantation of cultured salivary gland cells into an atrophic salivary gland. **2004**, 13, 691-9

38

1625 Transplantation of Adipose Tissue-Derived Stromal Cells Increases Mass and Functional Capacity of Damaged Skeletal Muscle. **2004**, 13, 103-111

96

1624 Reevaluation of bone marrow-derived cells as a source for hepatocyte regeneration. **2004**, 13, 659-66

75

1623 Autotransplantation of unmanipulated bone marrow into scarred myocardium is safe and enhances cardiac function in humans. **2004**, 13, 7-13

130

1622 Propagation of adult rat bone marrow-derived hepatocyte-like cells by serial passages in vitro. **2004**, 13, 385-91

25

1621 Delivery of transgenically modified adult bone marrow cells to the rodent central nervous system. **2004**, 4, 669-75

1

1620 Stem cell bioengineering for regenerative medicine. **2004**, 4, 631-44

12

1619 Generation of neuroprogenitor-like cells from adult mammalian bone marrow stromal cells in vitro. **2004**, 13, 409-20

28

1618 Amniotic membrane as a carrier for cultivated human corneal endothelial cell transplantation. **2004**, 45, 800-6

266

1617	Bone marrow engraftment in a rodent model of chemical carcinogenesis but no role in the histogenesis of hepatocellular carcinoma. 2004 , 53, 884-9		30
1616	Epidermal cells accelerate the restoration of the blood flow in diabetic ischemic limbs. 2004 , 117, 1055-63		11
1615	Nuclear transfer of adult bone marrow mesenchymal stem cells: developmental totipotency of tissue-specific stem cells from an adult mammal. 2004 , 70, 415-8		56
1614	Bone marrow stromal cells, preadipocytes, and dermal fibroblasts promote epidermal regeneration in their distinctive fashions. 2004 , 15, 4647-57		86
1613	Human cord blood- and bone marrow-derived CD34+ cells regenerate gastrointestinal epithelial cells. 2004 , 18, 1958-60		27
1612	Transdifferentiation, metaplasia and tissue regeneration. 2004 , 1, 36-44		51
1611	Differentiation of human and mouse embryonic stem cells along a hepatocyte lineage. 2004 , 13, 197-211		128
1610	Metamorphosis from Bone Marrow Derived Primitive Stem Cells to Functional Liver Cells. 2004 , 3, 978-980		6
1609	Adult bone-marrow stem cells and their potential in medicine. <i>Journal of the Royal Society of Medicine</i> , 2004 , 97, 465-71	2.3	23
1608	Targeting macrophages with baculovirus-produced lysosomal enzymes: implications for enzyme replacement therapy of the glycoprotein storage disorder galactosialidosis. 2004 , 18, 971-3		37
1607	Tubular chimerism occurs regularly in renal allografts and is not correlated to outcome. 2004 , 15, 978-86		38
1606	Perfusion of medium with supplemented growth factors changes metabolic activities and cell morphology of hepatocyte-nonparenchymal cell coculture. 2004 , 10, 1297-307		23
1605	Differentiation of bone marrow derived Thy-1+b2M- cells into hepatocytes induced by coculture with transgenic CFSCs. 2004 , 49, 889		2
1604	Routes to regenerating islet cells: stem cells and other biological therapies for type 1 diabetes. 2004 , 5 Suppl 2, 38-44		8
1603	Apoptotic pathway related to oval cell proliferation. 2004 , 19, 866-72		4
1602	Hepatic stem cells: from inside and outside the liver?. 2004 , 37, 1-21		128
1601	Extramedullary haematopoiesis in massive hepatic necrosis. 2004 , 45, 518-25		17
1600	Induction of glial glutamate transporters in adult mesenchymal stem cells. 2004 , 91, 155-66		28

1599	Progenitor cell activation in chronic viral hepatitis. 2004 , 24, 268-74	30
1598	The bone marrow is akin to skin: HCELL and the biology of hematopoietic stem cell homing. 2004 , 122, 1061-9	64
1597	Nuclear reprogramming: a key to stem cell function in regenerative medicine. 2004 , 6, 810-6	117
1596	Hematopoietic stem cells convert into liver cells within days without fusion. 2004 , 6, 532-9	489
1595	Bone marrow-derived hematopoietic cells generate cardiomyocytes at a low frequency through cell fusion, but not transdifferentiation. 2004 , 10, 494-501	879
1594	Myelomonocytic cells are sufficient for therapeutic cell fusion in liver. 2004 , 10, 744-8	359
1593	Liver regeneration: from myth to mechanism. 2004 , 5, 836-47	1178
1592	Stem cell plasticity revisited: CXCR4-positive cells expressing mRNA for early muscle, liver and neural cells 'hide out' in the bone marrow. 2004 , 18, 29-40	286
1591	Hematopoietic progenitor cells as possible origins of epithelial thymoma in a human T lymphocyte virus type I pX gene transgenic rat model. 2004 , 84, 245-52	7
1590	Adult bone marrow-derived cells trans-differentiating into insulin-producing cells for the treatment of type I diabetes. 2004 , 84, 607-17	228
1589	SF-1/Ad4BP transforms primary long-term cultured bone marrow cells into ACTH-responsive steroidogenic cells. 2004 , 9, 1239-47	49
1588	Multipotency of Flk1CD34 progenitors derived from human fetal bone marrow. 2004 , 143, 230-40	30
1587	Maintenance of hepatocyte functions by coculture with bone marrow stromal cells. 2004 , 97, 343-6	35
1586	Stem cell fusion confusion. 2004 , 32, 131-4	28
1585	Lung stem cells: new paradigms. 2004 , 32, 340-3	44
1584	Mesenchymal stem cells: paradoxes of passaging. 2004 , 32, 414-25	427
1583	A phase space model of hemopoiesis and the concept of stem cell renewal. 2004 , 32, 511-9	37
1582	Allogeneic bone marrow-derived flk-1+Sca-1- mesenchymal stem cells leads to stable mixed chimerism and donor-specific tolerance. 2004 , 32, 861-7	65

1581	Amniotic fluid and placental stem cells. 2004 , 18, 877-91	195
1580	A therapeutic window for intravenous administration of autologous bone marrow after cerebral ischemia in adult rats. 2004 , 1007, 1-9	206
1579	Mesenchymal stem cells from the bone marrow stroma: basic biology and potential for cell therapy. 2004 , 15, 410-417	10
1578	Bone marrow stromal cells (BMSCs) in bone engineering: limitations and recent advances. 2004 , 32, 160-5	223
1577	Adult reserve stem cells and their potential for tissue engineering. 2004 , 40, 1-80	48
1576	Embryonic and adult stem cells as a source for cell therapy in Parkinson's disease. 2004 , 24, 353-86	36
1575	Stem cells and prenatal origin of breast cancer. 2004 , 15, 517-30	39
1574	Limited contribution of circulating cells to the development and maintenance of nonhematopoietic bovine tissues. 2004 , 22, 12-20	17
1573	Choroidal neovascularization is provided by bone marrow cells. 2004 , 22, 21-6	42
1572	Functional expression of HGF and HGF receptor/c-met in adult human mesenchymal stem cells suggests a role in cell mobilization, tissue repair, and wound healing. 2004 , 22, 405-14	256
1571	Plasticity of bone marrow-derived stem cells. 2004 , 22, 487-500	311
1570	Bone marrow progenitors are not the source of expanding oval cells in injured liver. 2004 , 22, 1049-61	115
1569	Potential of hematopoietic stem cell therapy in hepatology: a critical review. 2004 , 22, 897-907	49
1568	Hematopoietic stem cell transplantation: more than just hematopoietic?. 2004 , 130, 127-34	6
1567	An overview and synopsis of techniques for directing stem cell differentiation in vitro. 2004 , 315, 291-303	54
1566	Bone morphogenetic protein-2 induces differentiation of multipotent C3H10T1/2 cells into osteoblasts, chondrocytes, and adipocytes in vivo and in vitro. 2004 , 9, 503-8	61
1565	Differentiation potential of bone marrow mesenchymal stem cells into retina in normal and laser-injured rat eye. 2004 , 47, 241-50	23
1564	Differentiation of bone marrow derived Thy-1 ⁺ cells into hepatocytes induced by coculture with transgenic CFSCs. 2004 , 49, 889-894	

1563	Plasticity of human stem cells in the fetal sheep model of human stem cell transplantation. 2004 , 79, 1-6	35
1562	Stem cell plasticity in the hematopoietic system. 2004 , 79, 7-14	20
1561	Stem cells: From embryology to cellular therapy? An appraisal of the present state of art. 2004 , 44, 125-41	6
1560	Adult stem cells. 2004 , 276, 75-102	130
1559	Neuroregulation of the neuroendocrine compartment of the liver. 2004 , 280, 910-23	68
1558	Ex Vivo transduced liver progenitor cells as a platform for gene therapy in mice. 2004 , 40, 918-924	34
1557	The importance of knowing your identity: sources of confusion in stem cell biology. 2004 , 39, 35-7	15
1556	Flow cytometric isolation of endodermal progenitors from mouse salivary gland differentiate into hepatic and pancreatic lineages. 2004 , 39, 667-75	149
1555	Immortalized p19ARF null hepatocytes restore liver injury and generate hepatic progenitors after transplantation. 2004 , 39, 628-34	34
1554	Nomenclature of the finer branches of the biliary tree: canals, ductules, and ductular reactions in human livers. 2004 , 39, 1739-45	563
1553	What doesn't kill you makes you stronger: how hepatocytes survive prolonged cholestasis. 2004 , 39, 1141-3	7
1552	2-acetylaminofluorene dose-dependent differentiation of rat oval cells into hepatocytes: confocal and electron microscopic studies. 2004 , 39, 1353-61	100
1551	An uncomfortable silence em leader while we all search for a better reporter gene in adult stem cell biology. 2004 , 39, 1143-6	15
1550	Liver regeneration and repair: hepatocytes, progenitor cells, and stem cells. 2004 , 39, 1477-87	598
1549	Transplantation of bone marrow cells reduces CCl4-induced liver fibrosis in mice. 2004 , 40, 1304-11	462
1548	In vitro hepatic differentiation of human mesenchymal stem cells. 2004 , 40, 1275-84	739
1547	Progenitor cells in the adult pancreas. 2004 , 20, 13-27	54
1546	Intrinsic hematopoietic stem cell/progenitor plasticity: Inversions. 2004 , 199, 20-31	42

1545	Chromatin remodeling and stem cell theory of relativity. 2004 , 201, 1-16	56
1544	De novo sarcoma of donor origin in a liver allograft determined by microsatellite analysis: a short report. 2004 , 10, 320-3	5
1543	Stem cell therapy of the liver--fusion or fiction?. 2004 , 10, 471-9	33
1542	Enhanced proliferation of hepatic progenitor cells in rats after portal branch occlusion. 2004 , 10, 748-54	4
1541	Hepatic tissue engineering for adjunct and temporary liver support: critical technologies. 2004 , 10, 1331-42	107
1540	Detection of recipient's cells in liver graft using antibodies to mismatched HLA class I antigens. 2004 , 10, 1406-14	10
1539	Green fluorescent protein bone marrow cells express hematopoietic and neural antigens in culture and migrate within the neonatal rat brain. 2004 , 76, 255-64	14
1538	Stem cell origin of cancer and differentiation therapy. 2004 , 51, 1-28	509
1537	Bone marrow origin of cells with capacity for homing and differentiation to esophageal squamous epithelium. 2004 , 162, 233-40	43
1536	Differentiation of bone marrow stromal cells into the cardiac phenotype requires intercellular communication with myocytes. 2004 , 110, 2658-65	149
1535	Cell transplantation for myocardial regeneration: hype or reality?. 2004 , 38, 259-64	2
1534	A new human somatic stem cell from placental cord blood with intrinsic pluripotent differentiation potential. 2004 , 200, 123-35	878
1533	Functional recovery of stroke rats induced by granulocyte colony-stimulating factor-stimulated stem cells. 2004 , 110, 1847-54	306
1532	BDNF gene-modified mesenchymal stem cells promote functional recovery and reduce infarct size in the rat middle cerebral artery occlusion model. 2004 , 9, 189-97	295
1531	Efficient generation of neural stem cell-like cells from adult human bone marrow stromal cells. 2004 , 117, 4411-22	366
1530	In vivo and in vitro characterization of insulin-producing cells obtained from murine bone marrow. 2004 , 53, 1721-32	337
1529	Colonization of albumin-producing hepatocytes derived from transplanted F344 rat bone marrow cells in the liver of congenic Nagase's analbuminemic rats. 2004 ,	
1528	Stem cells today: B1. Bone marrow stem cells. 2004 , 9, 541-83	28

1527	A human umbilical cord stem cell rescue therapy in a murine model of toxic liver injury. 2004 , 36, 603-13	70
1526	Hepatic oval cells: helping redefine a paradigm in stem cell biology. 2004 , 61, 1-28	59
1525	Adult bone marrow-derived hemangioblasts, endothelial cell progenitors, and EPCs. 2004 , 64, 141-80	30
1524	Existence of reserve quiescent stem cells in adults, from amphibians to humans. 2004 , 280, 71-109	32
1523	Entrapment of migrating hippocampal neural cells in three-dimensional peptide nanofiber scaffold. 2004 , 10, 643-55	160
1522	Stem Cell and Liver Regeneration. 2004 ,	
1521	Tissue restoration through regenerative biology and medicine. 2004 , 176, III-VIII, 1-101, back cover	8
1520	Developmental Hematopoiesis. 2004 ,	
1519	What is regenerative medicine? Emergence of applied stem cell and developmental biology. 2004 , 4, 773-81	41
1518	Neurogenesis of Rhesus adipose stromal cells. 2004 , 117, 4289-99	148
1517	Bone marrow stromal cells infused into the cerebrospinal fluid promote functional recovery of the injured rat spinal cord with reduced cavity formation. 2004 , 187, 266-78	227
1516	Molecular signature associated with plasticity of bone marrow cell under persistent liver damage by self-organizing-map-based gene expression. 2004 , 578, 10-20	17
1515	A subpopulation of bone marrow cells depleted by a novel antibody, anti-Liv8, is useful for cell therapy to repair damaged liver. 2004 , 313, 1110-8	40
1514	Gene expression profiles in liver regeneration with oval cell induction. 2004 , 317, 370-6	38
1513	Expression of hepatocyte-like phenotypes in bone marrow stromal cells after HGF induction. 2004 , 320, 712-6	94
1512	Analyses to clarify rich fractions in hepatic progenitor cells from human umbilical cord blood and cell fusion. 2004 , 324, 711-8	39
1511	Fetal cells in mother rats contribute to the remodeling of liver and kidney after injury. 2004 , 325, 961-7	103
1510	Human hepatocytes in mice receiving pre-immune injection with human cord blood cells. 2005 , 326, 66-73	21

1509	Stem cell plasticity or fusion: two approaches to targeted cell therapy. 2004 , 32, 65-7	8
1508	A large animal noninjury model for study of human stem cell plasticity. 2004 , 32, 77-81	22
1507	Telomerase deficiency impairs differentiation of mesenchymal stem cells. 2004 , 294, 1-8	110
1506	Fate of autologous dermal stem cells transplanted into the spinal cord after traumatic injury (TSCI). 2004 , 125, 179-89	24
1505	Emerging insights into liver-directed cell therapy for genetic and acquired disorders. 2004 , 12, 289-302	16
1504	Epithelial tissue chimerism after human hematopoietic cell transplantation is a real phenomenon. 2004 , 164, 1147-55	67
1503	Transit-amplifying ductular (oval) cells and their hepatocytic progeny are characterized by a novel and distinctive expression of delta-like protein/preadipocyte factor 1/fetal antigen 1. 2004 , 164, 1347-59	118
1502	Expression of stromal cell-derived factor-1 and of its receptor CXCR4 in liver regeneration from oval cells in rat. 2004 , 165, 1969-77	67
1501	Fate of donor hematopoietic cells in demyelinating mutant mouse, twitcher, following transplantation of GFP+ bone marrow cells. 2004 , 16, 98-109	30
1500	Stem cells in modern medicine: reality or myth?. 2004 , 122, 280-91	7
1499	Hepatocytes derived from peripheral blood stem cells of granulocyte-colony stimulating factor treated F344 rats in analbuminemic rat livers. 2004 , 122, 75-82	10
1498	Commitment of bone marrow cells to hepatic stellate cells in mouse. 2004 , 40, 255-60	145
1497	Primary liver carcinoma of intermediate (hepatocyte-cholangiocyte) phenotype. 2004 , 40, 298-304	183
1496	Searching for common stem cells of the hepatic and hematopoietic systems in the human fetal liver: CD34+ cytokeratin 7/8+ cells express markers for stellate cells. 2004 , 40, 261-8	54
1495	Microchimerism in liver allografts: the swing of the pendulum. 2004 , 40, 362-363	
1494	On the origin of stellate cells: mesodermal, endodermal or neuro-ectodermal?. 2004 , 40, 331-4	71
1493	Hepatocyte transplantation. 2004 , 40, 878-86	150
1492	Colonization of albumin-producing hepatocytes derived from transplanted F344 rat bone marrow cells in the liver of congenic Nagase's analbuminemic rats. 2004 , 41, 215-21	16

1491	Basic fibroblast growth factor promotes the trans-differentiation of mouse bone marrow cells into hepatic lineage cells via multiple liver-enriched transcription factors. 2004 , 41, 545-50	27
1490	Strategies for liver support: from stem cells to xenotransplantation. 2004 , 41, 1050-9	6
1489	Plasticity of adult stem cells. 2004 , 116, 639-48	985
1488	Early B Cell Development to a Mature, Antigen-Sensitive Cell. 2004 , 101-126	3
1487	Mesenchymal stem cells: isolation and therapeutics. 2004 , 13, 436-48	436
1486	Bone marrow transdifferentiation in brain after transplantation: a retrospective study. 2004 , 363, 1432-7	268
1485	Cloning in Biology and Medicine: Clinical Opportunities and Ethical Concerns. 33-42	
1484	Artificial liver support: potential to retard regeneration?. 2004 , 139, 670-7	14
1483	Upregulation of the viability of nucleus pulposus cells by bone marrow-derived stromal cells: significance of direct cell-to-cell contact in coculture system. 2004 , 29, 1508-14	126
1482	Recipient-derived hepatocytes in sex-mismatched liver allografts after liver transplantation: early versus late transplant biopsies. 2004 , 78, 1647-52	27
1481	Role of stem cell trafficking and donor???recipient cellular chimerism in lung transplantation. 2004 , 9, 332-336	
1480	Paradigms of adult stem cell therapy for type 1 diabetes in mice. 2004 , 150, 415-9	5
1479	The Bone Marrow Is Akin to Skin: HCELL and the Biology of Hematopoietic Stem Cell Homing Reprinted from J Invest Dermatol 122:1061-1069, 2004. 2004 , 9, 215-223	13
1478	SDF-1 (CXCL12) is upregulated in the ischemic penumbra following stroke: association with bone marrow cell homing to injury. 2004 , 63, 84-96	312
1477	Formation of human hepatocytes by human hematopoietic stem cells in sheep. 2004 , 104, 2582-90	122
1476	Analysis of the vascular potential of hematopoietic stem cells. 2005 , 105, 369-80	3
1475	21.BIOLOGICAL PRINCIPLES AND NOVEL THERAPIES IN LIVER CELL TRANSPLANTATION. 2004 , 15, 543-554	
1474	Transgenic rats with green, red, and blue fluorescence: powerful tools for bioimaging, cell trafficking, and differentiation. 2005 ,	

1473	Transplantation of human umbilical cord blood-derived adherent progenitors into the developing rodent brain. 2005 , 64, 681-8	15
1472	Characterization and neural differentiation of fetal lung mesenchymal stem cells. 2005 , 14, 311-21	81
1471	Are there any stem cells in the pancreas?. 2005 , 31, 108-18	20
1470	The Therapeutic Potential of Liver Repopulation for Metabolic or Endocrine Disorders. 2005 , 165-181	2
1469	The nitric oxide pathway modulates hemangioblast activity of adult hematopoietic stem cells. 2005 , 105, 1916-22	68
1468	Contribution of Hfe expression in macrophages to the regulation of hepatic hepcidin levels and iron loading. 2005 , 106, 2189-95	54
1467	Correlation of donor-derived keratinocytes and severity of graft-versus-host disease (GVHD) in epidermis. 2005 , 200, 775-81	2
1466	Expression of Notch signalling markers in bone marrow cells that differentiate into a liver cell lineage in a rat transplant model. 2005 , 31, 7-12	9
1465	In vitro differentiation of mouse bone marrow mononuclear cells into hepatocyte-like cells. 2005 , 31, 223-31	16
1464	Stem cell plasticity. 2005 , 19, 29-38	167
1463	The existence of epithelial-to-mesenchymal cells with the ability to support hematopoiesis in human fetal liver. 2005 , 29, 213-9	22
1462	Engraftment of bone marrow-derived epithelial cells. 2005 , 1044, 117-24	38
1461	Clonal multilineage differentiation of murine common pluripotent stem cells isolated from skeletal muscle and adipose stromal cells. 2005 , 1044, 183-200	43
1460	Adult stem cell plasticity: introduction to the first issue of stem cell reviews. 2005 , 1, 1-7	12
1459	On experimental design and discourse in plasticity research. 2005 , 1, 9-13	7
1458	Engraftment of bone marrow-derived epithelial cells. 2005 , 1, 21-7	16
1457	Stem cell plasticity: the debate begins to clarify. 2005 , 1, 37-43	19
1456	Stem cell plasticity: a rare cell, not a rare event. 2005 , 1, 45-51	16

1455	Liver repair by intra- and extrahepatic progenitors. 2005 , 1, 61-4	32
1454	Evidence regarding a stem cell origin of hepatocellular carcinoma. 2005 , 1, 261-4	19
1453	Liver stem cells. 2005 , 57, 549-53	27
1452	Albumin-producing hepatocytes derived from cryopreserved F344 rat bone marrow cells transplanted in the livers of congenic Nagase's analbuminemic rats. 2005 , 35, 955-60	
1451	Infusion of nonmyeloablative bone marrow alleviates acute rejection reaction in liver allotransplantation. 2005 , 6, 1188-94	2
1450	Embryonic mouse STO cell-derived xenografts express hepatocytic functions in the livers of nonimmunosuppressed adult rats. 2005 , 23, 186-99	4
1449	A novel cell-surface marker found on human embryonic hepatoblasts and a subpopulation of hepatic biliary epithelial cells. 2005 , 23, 103-12	16
1448	In vivo characterization of bone marrow-derived fibroblasts recruited into fibrotic lesions. 2005 , 23, 699-706	128
1447	Two different roles of purified CD45+c-Kit+Sca-1+Lin- cells after transplantation in muscles. 2005 , 23, 610-8	12
1446	Portal application of autologous CD133+ bone marrow cells to the liver: a novel concept to support hepatic regeneration. 2005 , 23, 463-70	208
1445	Human cord blood--derived cells generate insulin-producing cells in vivo. 2005 , 23, 1409-16	59
1444	Optimizing techniques for tracking transplanted stem cells in vivo. 2005 , 23, 1251-65	107
1443	Stem cells: classifications, controversies, and clinical applications. 2005 , 34, 415-23	129
1442	Phenotypic characterization and preclinical production of human lineage-negative cells for regenerative stem cell therapy. 2005 , 45, 315-26	16
1441	Growth of bone marrow stromal cells on small intestinal submucosa: an alternative cell source for tissue engineered bladder. 2005 , 96, 1120-5	113
1440	Bone marrow cells differentiate into wound myofibroblasts and accelerate the healing of wounds with exposed bones when combined with an occlusive dressing. 2005 , 152, 616-22	76
1439	Liver cancer: the role of stem cells. 2005 , 38, 407-21	108
1438	Bone marrow as a home of heterogenous populations of nonhematopoietic stem cells. 2005 , 19, 1118-27	158

1437	The role of TGF-beta and Wnt signaling in gastrointestinal stem cells and cancer. 2005 , 24, 5775-89	144
1436	Hepatocyte-like cells from directed differentiation of mouse bone marrow cells in vitro. 2005 , 26, 469-76	11
1435	Neural transdifferentiation of mesenchymal stem cells--a critical review. 2005 , 113, 831-44	151
1434	Progenitor cells in liver regeneration: molecular responses controlling their activation and expansion. 2005 , 113, 876-902	93
1433	Hepatocyte progenitors in man and in rodents--multiple pathways, multiple candidates. 2005 , 86, 1-18	33
1432	Involvement of bone marrow-derived cells in healing of experimental colitis in rats. 2005 , 13, 109-18	48
1431	Interpreting epithelial cancer biology in the context of stem cells: tumor properties and therapeutic implications. 2005 , 1756, 25-52	49
1430	The engraftment of transplanted bone marrow-derived cells into the olfactory epithelium. 2005 , 1052, 10-5	22
1429	G-CSF-primed hematopoietic stem cells or G-CSF per se accelerate recovery and improve survival after liver injury, predominantly by promoting endogenous repair programs. 2005 , 33, 108-19	152
1428	Are bone marrow stem cells plastic or heterogenous--that is the question. 2005 , 33, 613-23	81
1427	Comparative characteristics of mesenchymal stem cells from human bone marrow, adipose tissue, and umbilical cord blood. 2005 , 33, 1402-16	1012
1426	Mesenchymal stem cells: future source for reparative medicine. 2005 , 11, 87-91; quiz 92-3	36
1425	A tissue-engineered artificial bile duct grown to resemble the native bile duct. 2005 , 5, 1541-7	52
1424	Transplantation of hematopoietic stem cells from the peripheral blood. 2005 , 9, 37-50	74
1423	Identification and expansion of pancreatic stem/progenitor cells. 2005 , 9, 331-44	30
1422	Hepatic potential of bone marrow stromal cells: development of in vitro co-culture and intra-portal transplantation models. 2005 , 305, 39-47	73
1421	Persistence of marrow stromal cells implanted into acutely infarcted myocardium: observations in a xenotransplant model. 2005 , 130, 1114-21	49
1420	The neuroblast and angioblast chemotactic factor SDF-1 (CXCL12) expression is briefly up regulated by reactive astrocytes in brain following neonatal hypoxic-ischemic injury. 2005 , 6, 63	107

1419	Isolation of two human fibroblastic cell populations with multiple but distinct potential of mesenchymal differentiation by ceiling culture of mature fat cells from subcutaneous adipose tissue. 2005 , 73, 69-78	55
1418	Virtual reality of stem cell transplantation to repair injured myocardium. 2005 , 95, 869-74	2
1417	Stem cells and pulmonary metamorphosis: new concepts in repair and regeneration. 2005 , 204, 725-41	40
1416	Male cell microchimerism in normal and diseased female livers from fetal life to adulthood. 2005 , 42, 35-43	53
1415	Recapitulation of in vivo gene expression during hepatic differentiation from murine embryonic stem cells. 2005 , 42, 558-67	34
1414	Expression of nestin-green fluorescent protein transgene marks oval cells in the adult liver. 2005 , 234, 413-21	59
1413	Jekyll and Hyde: evolving perspectives on the function and potential of the adult liver progenitor (oval) cell. 2005 , 27, 1192-202	35
1412	[Role of stem cells in adult hepatic regeneration]. 2005 , 76, 445-52	4
1411	[Hepatocyte transplantation]. 2005 , 100, 650-5	2
1410	Interleukin-3 induces hepatocyte-specific metabolic activity in bone marrow-derived liver stem cells. 2005 , 9, 69-74	5
1409	Functional comparison of bone marrow-derived liver stem cells: selection strategy for cell-based therapy. 2005 , 9, 1340-5	3
1408	Whether modern cell technologies can break down biological limitations of tissue-specific regeneration of the myocardium. 2005 , 139, 481-90	
1407	Cytotoxicity of rat marrow stromal cells against malignant glioma cells. 2005 , 21, 528-38	14
1406	Adult bone marrow-derived cells: regenerative potential, plasticity, and tissue commitment. 2005 , 100, 494-503	96
1405	Lesson from the GFP/CCL4 model—translational research project: the development of cell therapy using autologous bone marrow cells in patients with liver cirrhosis. 2005 , 12, 203-7	35
1404	Hepatocyte differentiation from embryonic stem cells and umbilical cord blood cells. 2005 , 12, 196-202	25
1403	Stem-cell therapy for hepatobiliary pancreatic disease. 2005 , 12, 190-5	4
1402	Hepatocyte transplantation for total liver repopulation. 2005 , 12, 378-85	19

1401	Efficiency of bone marrow-derived cells in regeneration of the stomach after induction of ethanol-induced ulcers in rats. 2005 , 40, 591-9	30
1400	Colonic subepithelial myofibroblasts in mucosal inflammation and repair: contribution of bone marrow-derived stem cells to the gut regenerative response. 2005 , 40, 1089-99	65
1399	Adult stem cells and cancer stem cells: tie in or tear apart?. 2005 , 131, 631-8	5
1398	Development of cell therapy using autologous bone marrow cells for liver cirrhosis. 2005 , 38, 197-202	24
1397	Differentiation of bone marrow mesenchymal cells to neural cells. 2005 , 25, 488-90, 493	
1396	Which are the right cells to be used in a bioartificial liver?. 2005 , 20, 327-35	64
1395	Bone marrow cells engraft within the epidermis and proliferate in vivo with no evidence of cell fusion. 2005 , 205, 1-13	101
1394	. 2005 ,	4
1393	Stem cell plasticity in hematopoietic system. 2005 , 25, 90-101	
1392	Cell Transplantation. 2005 , 325-343	
1391	Stem cell therapy for neurologic disorders: therapeutic potential of adipose-derived stem cells. 2005 , 6, 57-62	65
1390	Possible use of autologous stem cell therapies for Alzheimer's disease. 2005 , 2, 367-76	33
1389	Potential application for mesenchymal stem cells in the treatment of cardiovascular diseases. 2005 , 83, 529-39	14
1388	Plasticity and therapeutic potential of mesenchymal stem cells in the nervous system. 2005 , 11, 1255-65	167
1387	Niche-dependent translineage commitment of endothelial progenitor cells, not cell fusion in general, into myocardial lineage cells. 2005 , 25, 1388-94	67
1386	Neurogenic potential of human mesenchymal stem cells revisited: analysis by immunostaining, time-lapse video and microarray. 2005 , 118, 3925-36	139
1385	Hepatic to pancreatic switch defines a role for hemostatic factors in cellular plasticity in mice. 2005 , 102, 10182-7	21
1384	Color-engineered rats and luminescent LacZ imaging: a new platform to visualize biological processes. 2005 , 10, 41204	20

1383	Bone marrow cells as the origin of stomach cancer. 2005 , 1, 851-62	5
1382	Pituitary transcription factor-1 induces transient differentiation of adult hepatic stem cells into prolactin-producing cells in vivo. 2005 , 19, 964-71	23
1381	Hematopoietic stem cells give rise to perivascular endothelial-like cells during brain tumor angiogenesis. 2005 , 14, 478-86	30
1380	Correlation between melanoma angiogenesis and the mesenchymal stem cells and endothelial progenitor cells derived from bone marrow. 2005 , 14, 292-8	65
1379	Toxicogenomics Applied to Hematotoxicology. 2005 , 583-608	1
1378	Development of mammalian artificial chromosomes for the treatment of genetic diseases: Sandhoff and Krabbe diseases. 2005 , 5, 195-206	5
1377	Small intestinal organoid-derived SP cells contribute to repair of irradiation-induced skin injury. 2005 , 14, 285-91	14
1376	Cell-based models to study hepatic drug metabolism and enzyme induction in humans. 2005 , 1, 75-90	59
1375	Nuclear Reprogramming. 2005 ,	1
1374	Neuronal differentiation of bone marrow-derived stromal stem cells involves suppression of discordant phenotypes through gene silencing. 2005 , 280, 23691-7	56
1373	Elevation of serum albumin levels in nagase analbuminemic rats by allogeneic bone marrow cell transplantation. 2005 , 37, 111-4	10
1372	Liver Stem Cells. 2005 , 389-419	
1371	Stem Cell Therapies in Animal Models: Their Outcome and Possible Benefits in Humans. 2005 , 523-543	
1370	Cloning of the nucleostemin gene and its function in transforming human embryonic bone marrow mesenchymal stem cells into F6 tumor cells. 2005 , 16, 205	2
1369	Isolation of rat bone marrow stem cells. 2006 , 320, 265-72	7
1368	Bioartificial liver systems: current status and future perspective. 2005 , 99, 311-9	117
1367	Are stem cell characteristics altered by disease state?. 2005 , 14, 15-28	4
1366	The application of tissue engineering to regeneration of pulp and dentin in endodontics. 2005 , 31, 711-8	271

1365	Hematopoietic stem and progenitor cells: clinical and preclinical regeneration of the hematolymphoid system. 2005 , 56, 509-38	281
1364	[Which stem cells for adult liver?]. 2005 , 25, 33-44	19
1363	Toward collaboration in program development for teacher preparation: curriculum, social foundations, and educational psychology. 1977 , 31, 169-73	64
1362	Mobilization of bone marrow cells by G-CSF rescues mice from cisplatin-induced renal failure, and M-CSF enhances the effects of G-CSF. 2005 , 16, 658-66	86
1361	HB-EGF/HER-1 signaling in bone marrow mesenchymal stem cells: inducing cell expansion and reversibly preventing multilineage differentiation. 2005 , 106, 59-66	189
1360	Mesenchymal stem cells that produce neurotrophic factors reduce ischemic damage in the rat middle cerebral artery occlusion model. 2005 , 11, 96-104	361
1359	Engrafted bone marrow-derived flk-(1+) mesenchymal stem cells regenerate skin tissue. 2005 , 11, 110-9	122
1358	Hematopoietic stem cell trafficking in liver injury. 2005 , 19, 1225-31	92
1357	Nuclear reprogramming by cell fusion. 2006 , 325, 47-57	2
1356	Human umbilical cord blood-derived cells differentiate into hepatocyte-like cells in the Fas-mediated liver injury model. 2005 , 289, G1091-9	40
1355	Myelomonocytic cells are sufficient for therapeutic cell fusion in the liver. 2005 , 42, 285-6	3
1354	Differentiation of rat bone marrow cells cultured on artificial basement membrane containing extracellular matrix into a liver cell lineage. 2005 , 43, 110-6	17
1353	Partial hepatectomy induces mobilization of a unique population of haematopoietic progenitor cells in human healthy liver donors. 2005 , 43, 845-53	75
1352	Autoimmune hepatitis type 1 and primary biliary cirrhosis have distinct bone marrow cytokine production. 2005 , 25, 283-8	26
1351	Adult stem cell lines in regenerative medicine and reconstructive surgery. 2005 , 124, 201-8	75
1350	A novel in vitro retinal differentiation model by co-culturing adult human bone marrow stem cells with retinal pigmented epithelium cells. 2005 , 326, 578-85	59
1349	Transcriptomic fingerprinting of bone marrow-derived hepatic beta2m-/Thy-1+ stem cells. 2005 , 327, 252-60	12
1348	Differentiation of human adipose stromal cells into hepatic lineage in vitro and in vivo. 2005 , 328, 258-64	449

1347	Reversal of experimental diabetes by multiple bone marrow transplantation. 2005 , 328, 318-25	82
1346	In vitro differentiation of human umbilical cord blood-derived mesenchymal stem cells into hepatocyte-like cells. 2005 , 330, 1153-61	205
1345	In vitro trans-differentiation of rat mesenchymal cells into insulin-producing cells by rat pancreatic extract. 2005 , 330, 1299-305	140
1344	Fiber-modified adenovirus vectors mediate efficient gene transfer into undifferentiated and adipogenic-differentiated human mesenchymal stem cells. 2005 , 332, 1101-6	37
1343	Therapeutic benefit of TH-engineered mesenchymal stem cells for Parkinson's disease. 2005 , 15, 46-51	75
1342	Quiescent neural cells regain multipotent stem cell characteristics influenced by adult neural stem cells in co-culture. 2005 , 191, 193-7	19
1341	Human cord blood stem cells generate human cytokeratin 18-negative hepatocyte-like cells in injured mouse liver. 2005 , 167, 555-64	73
1340	Distinct populations of endoderm cells converge to generate the embryonic liver bud and ventral foregut tissues. 2005 , 280, 87-99	229
1339	Hepatocytic gene expression in cultured rat mesenchymal stem cells. 2005 , 37, 276-9	74
1338	Improvement of mortality rate and decrease in histologic hepatic injury after human cord blood stem cell infusion in a murine model of hepatotoxicity. 2005 , 37, 2707-10	12
1337	Human hepatocyte transplantation for acute liver failure: state of the art and analysis of cell sources. 2005 , 37, 2702-4	23
1336	Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats. 2005 , 37, 2711-4	19
1335	Stem cells for the treatment of liver disease. 2005 , 15, 99-112	19
1334	Circulating myogenic progenitors and muscle repair. 2005 , 16, 632-40	16
1333	Embryonic stem cells: prospects for developmental biology and cell therapy. 2005 , 85, 635-78	583
1332	[Therapeutic applications of stem-cells]. 2005 , 124, 504-11	1
1331	Bone marrow as a source of circulating CXCR4+ tissue-committed stem cells. 2005 , 97, 133-46	136
1330	Human mesenchymal stem cells xenografted directly to rat liver are differentiated into human hepatocytes without fusion. 2005 , 106, 756-63	522

1329	Helicobacter pylori and gastric cancer: a new paradigm for inflammation-associated epithelial cancers. 2005 , 128, 1567-78	217
1328	The origin of hepatocytes. 2005 , 128, 2158-60	17
1327	Expression and role of Gas6 protein and of its receptor Axl in hepatic regeneration from oval cells in the rat. 2005 , 129, 1633-42	22
1326	How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model. 2005 , 37, 952-63	10
1325	Umbilical cord blood-derived cells for tissue repair. 2005 , 7, 258-61	28
1324	Effects of allogeneic bone marrow-derived mesenchymal stem cells on T and B lymphocytes from BXSb mice. 2005 , 24, 458-63	126
1323	Increased bone adiposity and peroxisomal proliferator-activated receptor-gamma2 expression in type I diabetic mice. 2005 , 146, 3622-31	193
1322	Generation of human hepatocytes by stem cell technology: definition of the hepatocyte. 2005 , 1, 61-74	95
1321	Identification and characterization of engrafted human cells in human/goat xenogeneic transplantation chimerism. 2005 , 24, 403-9	15
1320	Stem Cells. 2006 ,	
1319	Pulmonary epithelium. 2006 , 418, 333-49	1
1318	Tissue engineering using adult stem cells. 2006 , 420, 287-302	42
1317	Tooth regeneration: challenges and opportunities for biomedical material research. 2006 , 1, R10-7	20
1316	The continuum of stem cell transdifferentiation: possibility of hematopoietic stem cell plasticity with concurrent CD45 expression. 2006 , 15, 1-3	17
1315	Syngenic bone marrow cells restore hepatic function in carbon tetrachloride-induced mouse liver injury. 2006 , 15, 687-95	19
1314	Serum osteopontin levels in patients with acute liver dysfunction. 2006 , 41, 102-10	36
1313	Regeneration of teeth using stem cell-based tissue engineering. 2006 , 6, 9-16	45
1312	Adenovirus vector-mediated gene transfer into stem cells. 2006 , 3, 95-103	39

1311	Hematopoietic stem cells provide repair functions after laser-induced Bruch's membrane rupture model of choroidal neovascularization. 2006 , 168, 1031-44	67
1310	Separate origins of hepatitis B virus surface antigen-negative foci and hepatocellular carcinomas in transgenic HBsAg (alb/psx) mice. 2006 , 169, 223-32	6
1309	Oval cell response in 2-acetylaminofluorene/partial hepatectomy rat is attenuated by short interfering RNA targeted to stromal cell-derived factor-1. 2006 , 169, 2066-74	25
1308	Characterization of two distinct liver progenitor cell subpopulations of hematopoietic and hepatic origins. 2006 , 312, 2826-36	25
1307	Differentiation of dental pulp stem cells into a neural lineage. 2006 , 16, 154-162	21
1306	Transdifferentiation of mouse BM cells into hepatocyte-like cells. 2006 , 8, 381-9	9
1305	Epithelial architectural destruction is necessary for bone marrow derived cell contribution to regenerating prostate epithelium. 2006 , 176, 813-8	11
1304	Cell competition leads to a high level of normal liver reconstitution by transplanted fetal liver stem/progenitor cells. 2006 , 130, 507-20; quiz 590	182
1303	Isolation and characterization of bipotent liver progenitor cells from adult mouse. 2006 , 24, 322-32	66
1302	Mobilization of bone marrow-derived hematopoietic and endothelial stem cells after orthotopic liver transplantation and liver resection. 2006 , 24, 2817-25	72
1301	Mesenchymal stem cells reside in virtually all post-natal organs and tissues. 2006 , 119, 2204-13	1873
1300	Tissue-engineered lung: an in vivo and in vitro comparison of polyglycolic acid and pluronic F-127 hydrogel/somatic lung progenitor cell constructs to support tissue growth. 2006 , 12, 1213-25	148
1299	Tissue engineering of small intestine--current status. 2006 , 7, 2701-9	34
1298	Craniofacial tissue engineering by stem cells. 2006 , 85, 966-79	279
1297	Differentiation of human adult CD34+ stem cells into cells with a neural phenotype: role of astrocytes. 2006 , 197, 399-406	19
1296	Fusion of neural stem cells in culture. 2006 , 198, 129-35	36
1295	Development of liver regenerative therapy using glycoside-modified bone marrow cells. 2006 , 342, 434-40	16
1294	Hormonal stimulation increases the recruitment of bone marrow-derived myoepithelial cells and periductal fibroblasts into the mammary gland. 2006 , 346, 1173-80	4

1293	Mesenchymal stem cells for bone, cartilage, tendon and skeletal muscle repair. 2006 , 39, 678-83	249
1292	Regenerative and immunomodulatory potential of mesenchymal stem cells. 2006 , 6, 435-41	136
1291	Acidic fibroblast growth factor promotes hepatic differentiation of monkey embryonic stem cells. 2006 , 42, 83-8	12
1290	Hepatocyte cell lines: their use, scope and limitations in drug metabolism studies. 2006 , 2, 183-212	153
1289	Immune-mediated hepatitis drives low-level fusion between hepatocytes and adult bone marrow cells. 2006 , 44, 334-41	13
1288	Hepatic gene induction in murine bone marrow after hepatectomy. 2006 , 44, 325-33	8
1287	Feasibility and safety of G-CSF administration to induce bone marrow-derived cells mobilization in patients with end stage liver disease. 2006 , 45, 13-9	152
1286	Present status and perspectives of cell-based therapies for liver diseases. 2006 , 45, 144-59	163
1285	Interleukin-15 increases hepatic regenerative activity. 2006 , 45, 410-8	34
1284	Cell-to-cell contact induces mesenchymal stem cell to differentiate into cardiomyocyte and smooth muscle cell. 2006 , 109, 74-81	155
1283	Stem cell research. 2006 , 7, 135-40	6
1282	Hematopoietic stem cell mobilization after rat partial orthotopic liver transplantation. 2006 , 38, 1603-9	8
1281	Differentiation of hematopoietic stem cells into hepatocytes in liver fibrosis in rats. 2006 , 38, 3082-5	35
1280	Stem cell factor levels do increase in patients subsequent to hepatectomy with the extent of parenchymal loss. 2006 , 38, 3556-8	10
1279	Isolation, characterization and culture of Thy1-positive cells from fetal rat livers. 2006 , 12, 3841-7	10
1278	Bone marrow-derived cells home to and regenerate retinal pigment epithelium after injury. 2006 , 47, 2108-13	73
1277	In utero transplantation of human hematopoietic stem/progenitor cells partially repairs injured liver in mice. 2006 , 18, 633	1
1276	Anatomy and physiology of hematopoiesis. 69-105	4

1275	Evidence for epithelial-mesenchymal transitions in adult liver cells. 2006 , 291, G575-83	97
1274	The future of stem cells in liver diseases. 2006 , 5, 68-76	4
1273	Cellular aspects of liver regeneration. 2006 , 21 Suppl 1, 63-6	18
1272	Stem Cells, Adult. 2006 ,	
1271	. 2006 ,	1
1270	Allogeneic Cells and Tissues. 2006 ,	
1269	Stem Cells. 2006 ,	3
1268	Alteration of Hematopoietic Stem Cell Fates by Chromatin-Modifying Agents. 2006 , 27-42	1
1267	A Large Animal Non-Injury Model for Study of Human Stem Cell Plasticity. 2006 , 119-132	
1266	The presence of AC133-positive cells suggests a possible role of endothelial progenitor cells in the formation of choroidal neovascularization. 2006 , 47, 1642-5	48
1265	Intestinal Stem Cells and the Development of Colorectal Neoplasia. 2006 , 245-286	
1264	Embryonic stem cells: hepatic differentiation and regenerative medicine for the treatment of liver disease. 2006 , 1, 139-56	20
1263	Adult stem cells: the therapeutic potential of skeletal muscle. 2006 , 1, 157-71	4
1262	Immunomodulatory effects of mesenchymal stem cells in a rat organ transplant model. 2006 , 81, 1589-95	222
1261	Bone marrow stromal cells for repair of the spinal cord: towards clinical application. 2006 , 15, 563-77	89
1260	Our perception of developmental plasticity: esse est percipi (to be is to be perceived)?. 2006 , 1, 85-94	9
1259	Engrafted neural progenitor cells express a tissue-restricted reporter gene associated with differentiated retinal photoreceptor cells. 2006 , 15, 147-60	12
1258	Influence of stem cell mobilization and liver regeneration on hepatic parenchymal chimerism in the rat. 2006 , 81, 1695-9	10

1257	Stem cell-derived hepatocytes. 2006 , 11, 659-664	8
1256	Proteomic analysis of serum marker proteins in recipient mice with liver cirrhosis after bone marrow cell transplantation. 2006 , 6, 2564-70	13
1255	Origin of hepatocellular carcinoma: role of stem cells. 2006 , 21, 1093-8	56
1254	Epithelial microchimerism: consistent finding in human liver transplants. 2006 , 21, 1801-6	3
1253	Transplantation of human CD34+ stem cells from umbilical cord blood to rats with thioacetamide-induced liver cirrhosis. 2006 , 13, 529-35	23
1252	Treatment of surgically induced acute liver failure by transplantation of HNF4-overexpressing embryonic stem cells. 2006 , 7, 109-16	10
1251	Selection and properties for the recognition of P19 embryonic carcinoma stem cells. 2006 , 22, 974-8	7
1250	Lack of evidence that bone marrow cells contribute to cholangiocyte repopulation during experimental cholestatic ductal hyperplasia. 2006 , 26, 457-66	18
1249	Stem cell therapy in ischemic heart disease. 2003 , 21, 327-42	11
1248	Stem cells isolated from adult rat muscle differentiate across all three dermal lineages. 2006 , 14, 224-31	20
1247	Stem cell plasticity in muscle and bone marrow. 2001 , 938, 208-18; discussion 218-20	139
1246	Characterization of multipotent adult progenitor cells, a subpopulation of mesenchymal stem cells. 2001 , 938, 231-3; discussion 233-5	244
1245	Hepatic progenitors and strategies for liver cell therapies. 2001 , 944, 398-419	43
1244	Bone marrow-derived mesenchymal stem cells for regenerative medicine in craniofacial region. 2006 , 12, 514-22	61
1243	Hepatic progenitor cells, stem cells, and AFP expression in models of liver injury. 2006 , 87, 343-59	68
1242	3D-confocal structural analysis of bone marrow-derived renal tubular cells during renal ischemia/reperfusion injury. 2006 , 86, 72-82	8
1241	Implications of 'postmodern biology' for pathology: the Cell Doctrine. 2006 , 86, 335-44	19
1240	Evaluation of the effect of transplant-related factors and tissue injury on donor-derived hepatocyte and gastrointestinal epithelial cell repopulation following hematopoietic cell transplantation. 2006 , 37, 199-206	8

1239	A population of very small embryonic-like (VSEL) CXCR4(+)SSEA-1(+)Oct-4+ stem cells identified in adult bone marrow. 2006 , 20, 857-69	565
1238	The pleiotropic effects of the SDF-1-CXCR4 axis in organogenesis, regeneration and tumorigenesis. 2006 , 20, 1915-24	354
1237	Effect of low-molecular-weight heparin on the commitment of bone marrow cells to liver sinusoidal endothelial cells in CCl(4)-induced liver injury. 2006 , 34, 207-13	3
1236	Hepatocyte transplantation: State of the art. 2006 , 36, 237-47	10
1235	Bone marrow lacks a transplantable progenitor for smooth muscle type alpha-actin-expressing cells. 2006 , 24, 13-22	54
1234	Role for interferon-gamma in the immunomodulatory activity of human bone marrow mesenchymal stem cells. 2006 , 24, 386-98	1030
1233	Formation of pancreatic duct epithelium from bone marrow during neonatal development. 2006 , 24, 307-14	31
1232	A side order of stem cells: the SP phenotype. 2006 , 24, 3-12	429
1231	In vitro differentiation of human placenta-derived multipotent cells into hepatocyte-like cells. 2006 , 24, 1759-68	148
1230	Mesenchymal Stem Cell Engineering and Transplantation. 2006 , 1-44	8
1229	Emerging concept of cancer as a stem cell disorder. 2006 , 1, 73-87	4
1228	Stem cell transplantation: potential impact on heart failure. 2006 , 7, 307-17	2
1227	Characteristics of rat bone marrow cells differentiated into a liver cell lineage and dynamics of the transplanted cells in the injured liver. 2006 , 41, 62-9	19
1226	Regeneration of the liver in mice treated with a mixture of hepatotoxins in delayed periods after bone marrow transplantation. 2006 , 141, 475-8	
1225	Artificial liver support at present and in the future. 2006 , 9, 17-28	29
1224	Changes in expression of genes related to cell proliferation in human mesenchymal stem cells during in vitro culture in comparison with cancer cells. 2006 , 9, 179-84	33
1223	Identification of tissue-specific vasculogenic cells originating from murine uterus. 2006 , 125, 625-35	9
1222	Fibroblast growth factor 2 facilitates the differentiation of transplanted bone marrow cells into hepatocytes. 2006 , 323, 221-31	39

1221	Mobilization of bone marrow-derived mesenchymal stem cells into the injured tissues after intraarticular injection and their contribution to tissue regeneration. 2006 , 14, 1307-14	179
1220	The migration of bone marrow-derived non-hematopoietic tissue-committed stem cells is regulated in an SDF-1-, HGF-, and LIF-dependent manner. 2006 , 54, 121-35	73
1219	The role of stem cells in physiology, pathophysiology, and therapy of the liver. 2006 , 2, 51-8	29
1218	Adult neural stem cells, neurogenic niches, and cellular therapy. 2006 , 2, 213-9	77
1217	Fetal and adult liver stem cells for liver regeneration and tissue engineering. 2006 , 10, 577-87	72
1216	Bone marrow production of lung cells: the impact of G-CSF, cardiotoxin, graded doses of irradiation, and subpopulation phenotype. 2006 , 34, 230-41	52
1215	Failure of hepatocyte marker-expressing hematopoietic progenitor cells to efficiently convert into hepatocytes in vitro. 2006 , 34, 348-58	27
1214	The heterogeneity of human mesenchymal stem cell preparations--evidence from simultaneous analysis of proteomes and transcriptomes. 2006 , 34, 536-48	157
1213	Lasting amelioration in the clinical course of decompensated alcoholic cirrhosis with boost infusions of mobilized peripheral blood stem cells. 2006 , 34, 1583-7	80
1212	Liver repopulation trial using bone marrow cells in a retrorsine-induced chronic hepatocellular injury model. 2006 , 30, 453-9	3
1211	Differentiation of human bone marrow stem cells into cells with a neural phenotype: diverse effects of two specific treatments. 2006 , 7, 14	67
1210	Heparan sulfate regulation of progenitor cell fate. 2006 , 99, 1040-51	51
1209	Phenotypic and functional characteristics of mesenchymal stem cells differentiated along a Schwann cell lineage. 2006 , 54, 840-9	212
1208	Hematopoietic mobilization in mice increases the presence of bone marrow-derived hepatocytes via in vivo cell fusion. 2006 , 43, 108-16	111
1207	Liver stem cells and prospects for liver reconstitution by transplanted cells. 2006 , 43, S89-98	115
1206	Study of in vivo differentiation of rat bone marrow stromal cells into schwann cell-like cells. 2006 , 26, 111-5	78
1205	Transdifferentiation of bioencapsulated bone marrow cells into hepatocyte-like cells in the 90% hepatectomized rat model. 2006 , 12, 566-72	46
1204	Hematopoietic stem cells mobilized by granulocyte colony-stimulating factor partly contribute to liver graft regeneration after partial orthotopic liver transplantation. 2006 , 12, 1129-37	42

1203	Comparative analysis of neuroectodermal differentiation capacity of human bone marrow stromal cells using various conversion protocols. 2006 , 83, 1502-14	106
1202	Carcinogenesis driven by bone marrow-derived stem cells. 2006 , 13, 156-169	19
1201	Adult bone marrow-derived stem cells for the lung: implications for pediatric lung diseases. 2006 , 59, 94R-9R	25
1200	Suppression of disease phenotypes of adult mito-mice carrying pathogenic mtDNA by bone marrow transplantation. 2006 , 15, 1801-7	8
1199	Engraftment of marrow-derived epithelial cells: the role of fusion. 2006 , 3, 691-5	15
1198	Epigenetic conversion of human adult bone mesodermal stromal cells into neuroectodermal cell types for replacement therapy of neurodegenerative disorders. 2006 , 6, 653-70	35
1197	Pluripotency in adult stem cells: state of the art. 2006 , 24, 379-88	27
1196	Stem cells from umbilical cord blood. 2006 , 24, 358-69	15
1195	Stem cells--potential for repairing damaged lungs and growing human lungs for transplant. 2006 , 6, 751-8	7
1194	Transient expression of bone morphogenic protein-2 in acute liver injury by carbon tetrachloride. 2007 , 141, 113-9	12
1193	Regeneration of Digestive, Respiratory, and Urogenital Tissues. 2006 , 167-195	
1192	Purified human hematopoietic stem cells contribute to the generation of cardiomyocytes through cell fusion. 2006 , 20, 950-2	63
1191	Liver and Biliary Tract Surgery. 2006 ,	4
1190	Hepatic progenitor cells in human fetal liver express the oval cell marker Thy-1. 2006 , 291, G45-54	81
1189	Hedgehog signaling maintains resident hepatic progenitors throughout life. 2006 , 290, G859-70	167
1188	Genetic Engineering of Mesenchymal Stem Cells. 2006 ,	5
1187	Multiorgan engraftment and differentiation of human cord blood CD34+ Lin- cells in goats assessed by gene expression profiling. 2006 , 103, 7801-6	43
1186	Pediatric Hematopoietic Stem Cell Transplantation. 2006 ,	1

1185	Tissue Stem Cells. 2006,	3
1184	Cell growth and differentiation of different hepatic cells isolated from fetal rat liver in vitro. 2006, 12, 123-30	18
1183	Morphological transformation in esophageal submucosa by bone marrow cells: esophageal implantation under external esophageal perfusion. 2006, 15, 697-705	8
1182	Failure of transplanted bone marrow cells to adopt a pancreatic beta-cell fate. 2006, 55, 290-6	100
1181	Novel cell therapy approaches for brain repair. 2006, 157, 207-22	42
1180	Stem Cell Therapy and Tissue Engineering for Cardiovascular Repair. 2006,	3
1179	Mammalian stem cells. 2006, 59, 13R-20R	11
1178	In vivo MR tracking of mesenchymal stem cells in rat liver after intrasplenic transplantation. 2007, 245, 206-15	51
1177	Endogenous bone marrow derived cells express retinal pigment epithelium cell markers and migrate to focal areas of RPE damage. 2007, 48, 4321-7	43
1176	Stem cell therapy: a hope for dying hearts. 2007, 16, 517-36	28
1175	In vivo visualization and portally repeated transplantation of bone marrow cells in rats with liver damage. 2007, 16, 319-28	12
1174	Microarray RNA/DNA in different stem cell lines. 2007, 8, 167-75	11
1173	Therapeutic approaches in vascular repair induced by adult bone marrow cells and circulating progenitor endothelial cells. 2007, 13, 3245-51	20
1172	The Role of Transfusion Medicine in Cellular Therapies. 2007, 780-786	
1171	The transdifferentiation of bone-marrow-derived cells in colonic mucosal regeneration after dextran-sulfate-sodium-induced colitis in mice. 2007, 80, 193-9	31
1170	Portal vein embolization and autologous CD133+ bone marrow stem cells for liver regeneration: initial experience. 2007, 243, 171-9	125
1169	Sources of hepatocytes for transplantation in hepatic dysfunction. 2007, 3, 150-163	
1168	In vitro effect of interleukin-3 and -6 on the hepatocyte-specific metabolic capacity of adult bone marrow-derived liver stem cells. 2007, 3, 137-142	

1167	Foetal fibroblasts introduced to cleaving mouse embryos contribute to full-term development. 2007 , 133, 207-18	7
1166	Cell and gene therapies for refractory epilepsy. 2007 , 5, 115-25	40
1165	Stem cells, cancer, liver, and liver cancer stem cells: finding a way out of the labyrinth. 2007 , 7, 582-90	10
1164	The potential of amniotic membrane/amnion-derived cells for regeneration of various tissues. 2007 , 105, 215-28	266
1163	Current in vitro Models to Study Drug-Induced Liver Injury. 1-55	2
1162	[Safety evaluation of tissue engineered medical devices using normal human mesenchymal stem cells]. 2007 , 127, 851-6	7
1161	[Present status and perspective of articular cartilage regeneration]. 2007 , 127, 857-63	7
1160	Pancreatic development as a basis for the definition of new therapies for diabetes. 2007 , 12, 1-11	3
1159	Liver Development: From Endoderm to Hepatocyte. 3-13	1
1158	Nerve bioengineering. 2007 , 466-496	
1157	Hepatocyte transplantation: current and future developments. 2007 , 12, 503-508	13
1156	Improvement of the survival rate by fetal liver cell transplantation in a mice lethal liver failure model. 2007 , 84, 1233-9	11
1155	Limited contribution of cells of intact extrahepatic tissue origin to hepatocyte regeneration in transplanted rat liver. 2007 , 83, 624-30	10
1154	Cellular transplantation: future therapeutic options. 2007 , 22, 104-10	12
1153	Adult-derived human liver mesenchymal-like cells as a potential progenitor reservoir of hepatocytes?. 2007 , 16, 717-28	153
1152	Do multipotent mesenchymal stromal cells differentiate into hepatocytes?. 2007 , 12, 668-672	1
1151	Stem cell transplantation in pediatric leukemia and myelodysplasia: state of the art and current challenges. 2007 , 2, 53-63	6
1150	Bone marrow stromal cells in myocardial regeneration and the role of cell signaling. 2007 , 143-171	

1149	Liver chimerism after allogeneic blood stem cell transplantation. 2007 , 39, 231-6	10
1148	Therapeutic applications of mesenchymal stromal cells. 2007 , 18, 846-58	193
1147	Stem cell based therapies to treat muscular dystrophy. 2007 , 1772, 272-83	86
1146	Differentiation of a hepatic phenotype after heterotropic transplantation of heart, kidney, brain, and skin tissues into liver in F344 rats. 2007 , 354, 841-5	15
1145	Placenta-derived multipotent stem cells induced to differentiate into insulin-positive cells. 2007 , 357, 414-20	77
1144	Neural differentiation of novel multipotent progenitor cells from cryopreserved human umbilical cord blood. 2007 , 358, 637-43	32
1143	Transplantation of bone marrow stromal cells for peripheral nerve repair. 2007 , 204, 443-53	224
1142	Lentiviral RNAi-induced downregulation of adenosine kinase in human mesenchymal stem cell grafts: a novel perspective for seizure control. 2007 , 208, 26-37	78
1141	Stem cells as a treatment for chronic liver disease and diabetes. 2007 , 243-62	14
1140	Granulocyte colony-stimulating factor impairs liver regeneration in mice through the up-regulation of interleukin-1beta. 2007 , 47, 816-25	29
1139	Bone marrow cells: the source of hepatocellular carcinoma?. 2007 , 69, 36-42	13
1138	Bone marrow cell-mediated cardiovascular repair: potential of combined therapies. 2007 , 13, 278-86	33
1137	Stem cells for regeneration of urological structures. 2007 , 51, 1217-28	60
1136	The impact of the engineering environment on tumour cells selected for use as a whole cell therapeutic immunotherapy. 2007 , 131, S59-S60	
1135	Umbilical cord-derived mesenchymal stem cell as a hepatic cell source for regenerative medicine. 2007 , 131, S60	1
1134	Quality assurance from pharmaceutical manufacturing to clinical. Outcomes of new quality standards of recombinant alpha follitropin on ovarian stimulation. 2007 , 131, S60-S61	
1133	Thy-1 is expressed in hepatic myofibroblasts and not oval cells in stem cell-mediated liver regeneration. 2007 , 171, 1529-37	60
1132	Stem and progenitor cells in skeletal muscle development, maintenance, and therapy. 2007 , 15, 867-77	471

1131	Amniotic epithelial cell-derived cholangiocytes in experimental cholestatic ductal hyperplasia. 2007 , 37, 286-94	15
1130	Hepatocyte growth factor promotes remodeling of murine liver fibrosis, accelerating recruitment of bone marrow-derived cells into the liver. 2007 , 37, 1080-94	36
1129	Stem cell plasticity: learning from hepatogenic differentiation strategies. 2007 , 236, 3228-41	51
1128	Bone Marrow Stem Cell Therapy for Renal Regeneration After Acute Tubular Necrosis: A Dream or a Reality?. 2007 , 19, 115-126	
1127	Viral vector-mediated and cell-based therapies for treatment of cystic fibrosis. 2007 , 15, 229-41	59
1126	Comparison of neuron-like cells derived from bone marrow stem cells to those differentiated from adult brain neural stem cells. 2007 , 16, 747-56	42
1125	Bone Marrow-Derived Progenitors. 2007 ,	1
1124	Stem cells in the postnatal pituitary?. 2007 , 85, 110-30	51
1123	Tissue Engineering. 2007 ,	6
1122	Spheroid formation and differentiation into hepatocyte-like cells of rat mesenchymal stem cell induced by co-culture with liver cells. 2007 , 26, 497-503	52
1121	Apoptotic cell death and regeneration in the newborn retina after irradiation prior to bone marrow transplantation. 2007 , 32, 543-53	7
1120	Molecular mechanism of liver development and regeneration. 2007 , 259, 1-48	81
1119	Cell therapy for acute myocardial infarction. 2007 , 91, 769-85; xiii	15
1118	Two distinct stem cell lineages in murine bone marrow. 2007 , 25, 1213-21	53
1117	Characterization of the potential subpopulation of bone marrow cells involved in the repair of injured liver tissue. 2007 , 25, 1439-47	45
1116	Bone marrow-derived hepatic oval cells differentiate into hepatocytes in 2-acetylaminofluorene/partial hepatectomy-induced liver regeneration. 2007 , 132, 1077-87	133
1115	Significance and therapeutic potential of endothelial progenitor cell transplantation in a cirrhotic liver rat model. 2007 , 133, 91-107.e1	138
1114	Granulocyte-colony stimulating factor promotes liver repair and induces oval cell migration and proliferation in rats. 2007 , 133, 619-31	95

1113	Carcinogenesis of Helicobacter pylori. 2007 , 133, 659-72	482
1112	Hepatocyte transplantation: a review of laboratory techniques and clinical experiences. 2007 , 5, 155-64	10
1111	Tratamiento de la diabetes mellitus tipo 1 con implante pancreático de células madre adultas autólogas. 2007 , 54, 512-518	4
1110	Rescue therapy by portal infusion of autologous stem cells in a case of drug-induced hepatitis. 2007 , 39, 878-82	40
1109	Stem cells in the adult pancreas and liver. 2007 , 404, 169-78	33
1108	Adult marrow-derived very small embryonic-like stem cells and tissue engineering. 2007 , 7, 1499-514	31
1107	Hepatocellular stem cells. 2007 , 3, 251-62	6
1106	[Origin of liver murine oval cells]. 2007 , 23, 480-2	0
1105	Reversal of hyperglycemia in diabetic rats by portal vein transplantation of islet-like cells generated from bone marrow mesenchymal stem cells. 2007 , 13, 3342-9	97
1104	Lungs. 2007 , 1125-1133	
1103	Overview of Stem and Artificial Cells. 1313-1372	
1102	Adult stem cells in progression and therapy of hepatocellular carcinoma. 2007 , 121, 1875-82	7
1101	In vitro differentiation of mouse bone marrow stromal stem cells into hepatocytes induced by conditioned culture medium of hepatocytes. 2007 , 102, 52-63	49
1100	Liver regeneration. 2007 , 213, 286-300	1097
1099	Bone marrow-derived very small embryonic-like stem cells: their developmental origin and biological significance. 2007 , 236, 3309-20	42
1098	Adult bone marrow-derived stem cells for organ regeneration and repair. 2007 , 236, 3321-31	108
1097	Bone marrow fails to differentiate into liver epithelium during murine development and regeneration. 2007 , 45, 1250-60	26
1096	Impaired liver regeneration and increased oval cell numbers following T cell-mediated hepatitis. 2007 , 46, 229-41	46

1095	Adipose tissue-derived mesenchymal stem cells as a source of human hepatocytes. 2007 , 46, 219-28	437
1094	Fate of extrahepatic human stem and precursor cells after transplantation into mouse livers. 2007 , 46, 861-70	72
1093	Comparison of hepatic properties and transplantation of Thy-1(+) and Thy-1(-) cells isolated from embryonic day 14 rat fetal liver. 2007 , 46, 1236-45	30
1092	Clonal, cultured, murine fetal liver hepatoblasts maintain liver specification in chimeric mice. 2007 , 46, 1971-8	7
1091	Efficient generation of human hepatocytes by the intrahepatic delivery of clonal human mesenchymal stem cells in fetal sheep. 2007 , 46, 1935-45	125
1090	Wnt/beta-catenin signaling mediates oval cell response in rodents. 2008 , 47, 288-95	138
1089	Delivering genes to the organ-localized immune system: long-term results of direct intramarrow transduction. 2007 , 9, 843-51	5
1088	A micro/nanoscale surface mechanical study on morpho-functional changes in multilineage-differentiated human mesenchymal stem cells. 2007 , 7, 589-98	16
1087	Prospective identification of myogenic endothelial cells in human skeletal muscle. 2007 , 25, 1025-34	278
1086	A hypothesis for an embryonic origin of pluripotent Oct-4(+) stem cells in adult bone marrow and other tissues. 2007 , 21, 860-7	176
1085	Hedgehog-mediated mesenchymal-epithelial interactions modulate hepatic response to bile duct ligation. 2007 , 87, 499-514	147
1084	Serum levels of stem cell factor and thrombopoietin are markedly decreased in fulminant hepatic failure patients with a poor prognosis. 2007 , 22, 1265-70	8
1083	The fate of recipient-derived hepatocytes in sex-mismatched liver allograft following liver transplantation. 2007 , 21, 202-6	16
1082	Combined hepatocellular cholangiocarcinoma originating from hepatic progenitor cells: immunohistochemical and double-fluorescence immunostaining evidence. 2008 , 52, 224-32	136
1081	Cells from bone marrow that evolve into oral tissues and their clinical applications. 2007 , 13, 11-6	34
1080	In vitro differentiation of human mesenchymal stem cells to epithelial lineage. 2007 , 11, 502-8	127
1079	Role of intestinal subepithelial myofibroblasts in inflammation and regenerative response in the gut. 2007 , 114, 94-106	104
1078	Enhancement of neuroplasticity through upregulation of beta1-integrin in human umbilical cord-derived stromal cell implanted stroke model. 2007 , 27, 339-53	167

1077	Adult mesenchymal stem cells: biological properties, characteristics, and applications in maxillofacial surgery. 2007 , 65, 1640-7	59
1076	Expression of different liver cell markers during the early prenatal human development. 2007 , 1, 143-150	1
1075	Extracellular matrix made by bone marrow cells facilitates expansion of marrow-derived mesenchymal progenitor cells and prevents their differentiation into osteoblasts. 2007 , 22, 1943-56	278
1074	Mesenchymal stem cells increase self-renewal of small intestinal epithelium and accelerate structural recovery after radiation injury. 2006 , 585, 19-30	111
1073	Acute lung injury/acute respiratory distress syndrome (ALI/ARDS): the mechanism, present strategies and future perspectives of therapies. 2007 , 8, 60-9	58
1072	Antibody targeting of stem cells to infarcted myocardium. 2007 , 25, 712-7	64
1071	Multilineage differentiation and characterization of the human fetal osteoblastic 1.19 cell line: a possible in vitro model of human mesenchymal progenitors. 2007 , 25, 125-31	53
1070	Stem cell therapy for human liver cirrhosis: a cautious analysis of the results. 2007 , 25, 2383-4	34
1069	Human mesenchymal stem cells from adipose tissue: Differentiation into hepatic lineage. 2007 , 21, 324-9	82
1068	Differential role of epigenetic modulators in malignant and normal stem cells: a novel tool in preclinical in vitro toxicology and clinical therapy. 2007 , 81, 533-44	11
1067	Bone-marrow-derived stem cells--our key to longevity?. 2007 , 48, 307-19	40
1066	Cord blood for allogeneic and autologous banking. 2007 , 3, 81-87	1
1065	Recent advances in the treatment of hilar cholangiocarcinoma: portal vein embolization. 2007 , 14, 447-54	36
1064	Administration of fibroblast growth factor 2 in combination with bone marrow transplantation synergistically improves carbon-tetrachloride-induced liver fibrosis in mice. 2007 , 327, 463-70	29
1063	Exploiting the convergence of embryonic and tumorigenic signaling pathways to develop new therapeutic targets. 2007 , 3, 68-78	14
1062	Mesenchymal stem cell preparations--comparing apples and oranges. 2007 , 3, 239-48	214
1061	Cell tracing techniques in stem cell transplantation. 2007 , 3, 265-9	33
1060	Immunohistochemical characterization of hepatic stem cell-related cells in developing human liver. 2007 , 1, 264-8	3

1059	Therapeutic applications of bone marrow-derived stem cells in liver transplantation for end-stage liver diseases. 2007 , 52, 2449-2456	
1058	Adult stem cells and their trans-differentiation potential--perspectives and therapeutic applications. 2008 , 86, 1301-14	93
1057	Adeno-associated virus-mediated pancreatic and duodenal homeobox gene-1 expression enhanced differentiation of hepatic oval stem cells to insulin-producing cells in diabetic rats. 2008 , 15, 487-97	13
1056	Bone marrow transplantation results in donor-derived hepatocytes in an animal model of inherited cholestatic liver disease. 2008 , 15, 615-22	6
1055	The vignette for V15 N5 issue. 2008 , 15, 553-556	
1054	Reduced mobilisation of hematopoietic stem cells after hepatic resection for malignant liver disease. 2008 , 14, 381-5	5
1053	Stem cell research in hepatocellular carcinoma. 2008 , 2, 1-4	1
1052	Very small embryonic-like (VSEL) stem cells: purification from adult organs, characterization, and biological significance. 2008 , 4, 89-99	87
1051	Therapeutic potential of adult bone marrow stem cells in liver disease and delivery approaches. 2008 , 4, 101-12	34
1050	Stem cells: implications in experimental ischaemic stroke therapy. 2008 , 4, 227-33	3
1049	In search of liver cancer stem cells. 2008 , 4, 179-92	21
1048	Thy1-positive bone marrow stem cells express liver-specific genes in vitro and can mature into hepatocytes in vivo. 2008 , 2, 63-71	9
1047	Correction of copper metabolism is not sustained long term in Wilson's disease mice post bone marrow transplantation. 2008 , 2, 72-9	6
1046	Present status of and future direction for articular cartilage repair. 2008 , 26, 115-22	35
1045	Cytotoxicity of human umbilical cord blood-derived mesenchymal stem cells against human malignant glioma cells. 2008 , 24, 293-302	41
1044	Cultured bone marrow cell local implantation accelerates healing of ulcers in mice. 2008 , 43, 124-35	11
1043	Triiodothyronine accelerates differentiation of rat liver progenitor cells into hepatocytes. 2008 , 130, 1005-14	24
1042	Stem cells and tooth tissue engineering. 2008 , 331, 359-72	116

1041	Lung stem cells. 2008 , 331, 145-56	65
1040	Stem cells in liver regeneration and therapy. 2008 , 331, 271-82	79
1039	Activation of stem cells in hepatic diseases. 2008 , 331, 283-300	141
1038	Reproducible methodology for the isolation of mesenchymal stem cells from human umbilical cord and its potential for cardiomyocyte generation. 2008 , 2, 394-9	66
1037	A novel role for proteomics in the discovery of cell-surface markers on stem cells: Scratching the surface. 2008 , 2, 892-903	33
1036	Co-expression of MGMT(P140K) and alpha-L-iduronidase in primary hepatocytes from mucopolysaccharidosis type I mice enables efficient selection with metabolic correction. 2008 , 10, 249-59	8
1035	Transplantation of urokinase-type plasminogen activator gene-modified bone marrow-derived liver stem cells reduces liver fibrosis in rats. 2008 , 10, 855-66	10
1034	Isolation and characterization of a novel population of progenitor cells from unmanipulated rat liver. 2008 , 14, 333-45	39
1033	Bone-marrow-derived cells that home to acoustic deafened cochlea preserved their hematopoietic identity. 2008 , 509, 167-79	44
1032	Culturing adult human bone marrow stem cells on gelatin scaffold with pNIPAAm as transplanted grafts for skin regeneration. 2008 , 84, 622-30	36
1031	Spatial distribution of mineralized bone matrix produced by marrow mesenchymal stem cells in self-assembling peptide hydrogel scaffold. 2008 , 84, 128-36	70
1030	Hepatic stellate cells modulate the differentiation of bone marrow mesenchymal stem cells into hepatocyte-like cells. 2008 , 217, 138-44	38
1029	Molecular mechanisms of hepatocellular carcinoma. 2008 , 48, 2047-63	495
1028	Transdifferentiation of mesenchymal stem cells derived from human fetal lung to hepatocyte-like cells. 2008 , 32, 1091-8	19
1027	A potential model for studying the plasticity and reprogramming of human epidermal stem cells through preimplantation blastocyst microinjection. 2008 , 32, 1567-73	2
1026	Hepatic fibrogenesis: from within and outwith. 2008 , 254, 130-5	50
1025	Differentiation of adipose stem cells. 2008 , 456, 155-71	83
1024	Origin of cancer stem cells: the role of self-renewal and differentiation. 2008 , 15, 407-14	48

1023	Hepatocyte nuclear factor-1 as marker of epithelial phenotype reveals marrow-derived hepatocytes, but not duct cells, after liver injury in mice. 2008 , 26, 1768-77	14
1022	The perspectives of treatment of liver insufficiency by stem cells. 2008 , 2, 275-284	0
1021	Cancer stem cells--old concepts, new insights. 2008 , 15, 947-58	277
1020	Genetic programming of liver and pancreas progenitors: lessons for stem-cell differentiation. 2008 , 9, 329-40	231
1019	Mesenchymal stem cells in health and disease. 2008 , 8, 726-36	2469
1018	Isolation and characterization of a murine resident liver stem cell. 2008 , 15, 123-33	24
1017	Gene therapy approaches for stem cell protection. 2008 , 15, 100-8	25
1016	Physiological variations of stem cell factor and stromal-derived factor-1 in murine models of liver injury and regeneration. 2008 , 28, 308-18	28
1015	Transforming growth factor-alpha accelerates hepatocyte repopulation after hepatocyte transplantation. 2008 , 23, 260-6	6
1014	Stem-like cells in hepatitis B virus-associated cirrhotic livers and adjacent tissue to hepatocellular carcinomas possess the capacity of tumorigenicity. 2008 , 23, 1280-6	12
1013	Autologous bone marrow cell infusion therapy for liver cirrhosis. 2008 , 23, 1349-53	12
1012	Involvement of bone marrow-derived stromal cells in gastrointestinal cancer development and metastasis. 2008 , 23 Suppl 2, S242-9	5
1011	Multipotent mesenchymal stem cells from adult human eye conjunctiva stromal cells. 2008 , 76, 223-31	42
1010	Multipotent cells from the human third molar: feasibility of cell-based therapy for liver disease. 2008 , 76, 495-505	154
1009	Stem cell therapy for inherited metabolic disorders of the liver. 2008 , 36, 716-725	9
1008	Allogeneic bone marrow transplantation restores liver function in Fah-knockout mice. 2008 , 36, 1507-13	8
1007	Very small embryonic-like (VSEL) stem cells in adult organs and their potential role in rejuvenation of tissues and longevity. 2008 , 43, 1009-17	79
1006	Autologous serum can induce mesenchymal stem cells into hepatocyte-like cells. 2008 , 23, 63-69	1

1005	Mesenchymal stem cells: biology and clinical potential in type 1 diabetes therapy. 2008 , 12, 1155-68	56
1004	Stem cells ameliorate EAE via an indoleamine 2,3-dioxygenase (IDO) mechanism. 2008 , 193, 12-23	49
1003	Bone marrow cells play only a very minor role in chronic liver regeneration induced by a choline-deficient, ethionine-supplemented diet. 2008 , 1, 195-204	5
1002	Stem cells in cardiopulmonary development: Implications for novel approaches to therapy for pediatric cardiopulmonary disease. 2008 , 25, 37-49	4
1001	Therapy with bone marrow cells reduces liver alterations in mice chronically infected by <i>Schistosoma mansoni</i> . 2008 , 14, 5842-50	15
1000	Multipotent stem cells in cardiac regenerative therapy. 2008 , 3, 189-98	5
999	Sequestration and homing of bone marrow-derived lineage negative progenitor cells in the lung during pneumococcal pneumonia. 2008 , 9, 25	7
998	To be or not to be: generation of hepatocytes from cells outside the liver. 2008 , 134, 878-81	24
997	Stem cell therapy for liver disease: parameters governing the success of using bone marrow mesenchymal stem cells. 2008 , 134, 2111-21, 2121.e1-3	374
996	Critical review of clinical trials of bone marrow stem cells in liver disease. 2008 , 135, 438-50	177
995	Human mesenchymal stem cells as a two-edged sword in hepatic regenerative medicine: engraftment and hepatocyte differentiation versus profibrogenic potential. 2008 , 57, 223-31	216
994	Stem Cell Technology for Embryotoxicity, Cardiotoxicity, and Hepatotoxicity Evaluation. 175-213	
993	Transplantation of human bone marrow-derived stromal cells into the contused spinal cord of nude rats. 2008 , 8, 153-62	34
992	Advances in Alzheimer's and Parkinson's Disease. 2008 ,	
991	Stem Cell Research and Therapeutics. 2008 ,	1
990	Immunophenotype characterization of rat mesenchymal stromal cells. 2008 , 10, 243-53	79
989	Stem Cells and their Potential for Clinical Application. 2008 ,	2
988	Hunt for pluripotent stem cell -- regenerative medicine search for almighty cell. 2008 , 30, 151-62	78

987	Management of hyperbilirubinemia in biliary atresia by hepatic progenitor cell transplantation through hepatic artery: a case report. 2008 , 40, 1153-5	37
986	Safety and efficacy of autologous bone marrow stem cell transplantation through hepatic artery for the treatment of chronic liver failure: a preliminary study. 2008 , 40, 1140-4	60
985	Liver progenitor cells activated after 30% small-for-size liver transplantation in rats: a preliminary study. 2008 , 40, 1635-40	9
984	Cardiomyogenic stem and progenitor cell plasticity and the dissection of cardiopoiesis. 2008 , 45, 475-94	27
983	Adipose-derived stem cells: isolation, expansion and differentiation. 2008 , 45, 115-20	693
982	Neuronal differentiation potential of human adipose-derived mesenchymal stem cells. 2008 , 17, 909-16	185
981	Variations of clonal marrow stem cell lines established from human bone marrow in surface epitopes, differentiation potential, gene expression, and cytokine secretion. 2008 , 17, 451-61	46
980	Stem Cell Therapy in Alzheimer's Disease. 2008 , 255-264	
979	Stem cells, cell transplantation and liver repopulation. 2008 , 1782, 61-74	129
978	Human stem cells for tissue repair. 2008 , 14, 151-3	3
977	Beta-cell replacement and regeneration: Strategies of cell-based therapy for type 1 diabetes mellitus. 2008 , 79, 389-99	37
976	Heterogeneity of mesenchymal stromal cell preparations. 2008 , 10, 320-30	203
975	Establishment and characterization of hepatic stem-like cell lines from normal adult rat liver. 2009 , 145, 51-8	10
974	Blood into beta-cells: can adult stem cells be used as a therapy for Type 1 diabetes?. 2008 , 3, 33-47	14
973	Mobilization of CD34+ hematopoietic cells, colony-forming cells and long-term culture-initiating cells into the peripheral blood of patients with an acute cerebral ischemic insult. 2008 , 10, 303-11	30
972	Multipotent skin-derived precursors: adult neural crest-related precursors with therapeutic potential. 2008 , 363, 185-98	112
971	Isolation of human mesenchymal stromal cells is more efficient by red blood cell lysis. 2008 , 10, 676-85	73
970	Stem cell therapy for chronic liver disease--choosing the right tools for the job. 2008 , 57, 153-5	23

969	Stem cells and tissue engineering applications of the genitourinary tract. 2008 , 63, 472-7	33
968	The critical role of SDF-1/CXCR4 axis in cancer and cancer stem cells metastasis. 2008 , 31, 809-19	87
967	Amelioration of streptozotocin-induced diabetes in mice with cells derived from human marrow stromal cells. 2008 , 3, e2666	31
966	Expression and subcellular localization of histone deacetylases in mesenchymal stem-like cells from exfoliated deciduous teeth. 2008 , 54, 306-311	1
965	Bone marrow-derived cells fuse with hepatic oval cells but are not involved in hepatic tumorigenesis in the choline-deficient ethionine-supplemented diet rat model. 2008 , 29, 448-54	15
964	Insulin Producing Cells Derived from Human Marrow Stromal Cells. 2008 ,	
963	Injury mechanism dictates contribution of bone marrow-derived cells to murine hepatic vascular regeneration. 2008 , 63, 131-6	22
962	Tissue chimerism analysis after donor lymphocyte infusion: a case of deceptive evidence. 2008 , 13, 92-4	1
961	Alpha-fetoprotein, stem cells and cancer: how study of the production of alpha-fetoprotein during chemical hepatocarcinogenesis led to reaffirmation of the stem cell theory of cancer. 2008 , 29, 161-80	51
960	Bone Marrow - Home of Versatile Stem Cells. 2008 , 35, 248-259	26
959	Tissue engineering and organ structure: a vascularized approach to liver and lung. 2008 , 63, 520-6	57
958	Crigler-Najjar syndrome: therapeutic options and consequences of mutations in the UGT1A1 complex. 2008 , 3, 725-737	2
957	Spinal cord injury treatment with intrathecal autologous bone marrow stromal cell transplantation: the first clinical trial case report. 2008 , 64, 53-9	92
956	Comparison of Histopathological Alterations Due to Sublethal CCl(4) on Rosy Barb (Puntius conchonus) and Amphioxus (Branchiostoma belcheri) with Implications of Liver Ontogeny. 2008 , 18, 627-33	7
955	Replicative senescence of mesenchymal stem cells: a continuous and organized process. 2008 , 3, e2213	795
954	Stem cell-based therapy in gastroenterology and hepatology. 2008 , 17, 100-18	28
953	Transplanted bone marrow stromal cells are not cellular origin of hepatocellular carcinomas in a mouse model of carcinogenesis. 2008 , 14, 3015-20	10
952	Multipotent Adult Progenitor Cells. 2008 , 258-266	

951	Neural Stem Cells. 2008 , 300-317	5
950	Hepatic Stem Cells: Lineage Biology and Pluripotency. 2008 , 344-384	1
949	Perspectives on liver failure: past and future. 2008 , 28, 137-41	27
948	Cell therapy for the diseased liver: from stem cell biology to novel models for hepatotropic human pathogens. 2008 , 1, 113-30	11
947	Using hair-follicle stem cells for urinary bladder-wall regeneration. 2008 , 3, 939-44	26
946	Unrestricted somatic stem cells from human umbilical cord blood can be differentiated into neurons with a dopaminergic phenotype. 2008 , 17, 221-32	66
945	Factors released from cholestatic rat livers possibly involved in inducing bone marrow hepatic stem cell priming. 2008 , 17, 143-55	17
944	Humanized Mice. 2008 ,	3
943	Conversion potential of marrow cells into lung cells fluctuates with cytokine-induced cell cycle. 2008 , 17, 207-19	24
942	In vitro differentiation of canine celiac adipose tissue-derived stromal cells into neuronal cells. 2008 , 70, 353-7	13
941	Mesenchymal stem cells in acute kidney injury. 2008 , 59, 311-25	268
940	Stem cells for end stage liver disease: how far have we got?. 2008 , 14, 4593-9	30
939	How to approach Alzheimer's disease therapy using stem cell technologies. 2008 , 15, 241-54	24
938	Hepatocyte transplantation: waiting for stem cells. 2008 , 13, 627-32	39
937	Bone marrow cell transplant does not prevent or reverse murine liver cirrhosis. 2008 , 17, 943-53	34
936	Bone-marrow-derived cells and heart repair. 2008 , 13, 36-43	12
935	. 2008 ,	3
934	Circulating endothelial progenitor cells in cerebrovascular disease. 2008 , 4, 139-47	21

933	. 2009 ,	3
932	Molecular Basis of Liver Disease. 2009 , 395-419	
931	Adult stem cells and repair through granulation tissue. 2009 , 14, 1433-70	24
930	Potencial terapêutico das células-tronco de medula óssea no tratamento da epilepsia. 2009 , 31, 112-119	3
929	Detection of transketolase in bone marrow-derived insulin-producing cells: benfotiamine enhances insulin synthesis and glucose metabolism. 2009 , 18, 37-46	8
928	Human embryonic and mesenchymal stem cells express different nuclear proteomes. 2009 , 18, 793-802	14
927	Strategies in Regenerative Medicine. 2009 ,	8
926	Unconventional antigen-presenting cells in the induction of peripheral CD8(+) T cell tolerance. 2009 , 86, 795-801	11
925	Potential hepatic stem cells reside in EpCAM+ cells of normal and injured mouse liver. 2009 , 136, 1951-60	220
924	Differential microRNA expression between bone marrow side population cells and hepatocytes in adult mice. 2009 , 24, 35-43	1
923	Regulation of adult hematopoietic stem cells fate for enhanced tissue-specific repair. 2009 , 17, 1594-604	27
922	Fate and effects of adult bone marrow cells in lungs of normoxic and hyperoxic newborn mice. 2009 , 40, 575-87	29
921	Treatment of inflammatory diseases with mesenchymal stem cells. 2009 , 8, 110-23	217
920	Transplantation of basic fibroblast growth factor-pretreated adipose tissue-derived stromal cells enhances regression of liver fibrosis in mice. 2009 , 296, G157-67	29
919	Ploidy reductions in murine fusion-derived hepatocytes. 2009 , 5, e1000385	82
918	Transplantation and stem cell research in neurosciences: where does India stand?. 2009 , 57, 706-14	3
917	The therapeutic potential of bone marrow-derived mesenchymal stem cells on hepatic cirrhosis. 2009 , 2, 16-25	90
916	Bone marrow-derived stem cells and radiation response. 2009 , 19, 133-9	75

915	Suitability of human mesenchymal stem cells for gene therapy depends on the expansion medium. 2009 , 315, 498-507	39
914	Engraftment of mesenchymal stem cells into dystrophin-deficient mice is not accompanied by functional recovery. 2009 , 315, 2624-36	57
913	Bone marrow-derived cells from male donors can compose endometrial glands in female transplant recipients. 2009 , 201, 608.e1-8	89
912	Adult Stem Cells and Their Role in Endogenous Tissue Repair. 87-109	
911	Greater Differentiation Potential of Adult Stem Cells. 111-128	
910	Recruitment of host progenitor cells in rat liver transplants. 2009 , 49, 587-97	23
909	"Small stem cells" in adult tissues: very small embryonic-like stem cells stand up!. 2009 , 75, 4-13	83
908	Clonal mesenchymal stem cells derived from human bone marrow can differentiate into hepatocyte-like cells in injured livers of SCID mice. 2009 , 108, 693-704	31
907	Heterotypic interactions in the preservation of morphology and functionality of porcine hepatocytes by bone marrow mesenchymal stem cells in vitro. 2009 , 219, 100-8	30
906	Restoration of gut motility in Kit-deficient mice by bone marrow transplantation. 2009 , 44, 834-41	17
905	The engraftment of transplanted bone marrow-derived cells into the inner ear. 2009 , 266, 59-63	0
904	Human bone marrow mesenchymal stem cells are resistant to HBV infection during differentiation into hepatocytes in vivo and in vitro. 2009 , 33, 493-500	25
903	Genomic profiling of mesenchymal stem cells. 2009 , 5, 36-50	59
902	Treatment of injured neurons with bone marrow stem cells cotransfected by hTERT and Ad-BDNF in vitro. 2009 , 38, 265-72	10
901	Impact of whole body irradiation and vascular endothelial growth factor-A on increased beta cell mass after bone marrow transplantation in a mouse model of diabetes induced by streptozotocin. 2009 , 52, 115-24	16
900	Progenitor and stem cells for bone and cartilage regeneration. 2009 , 3, 327-37	69
899	Human hepatocyte transplantation: state of the art. 2009 , 266, 339-57	120
898	Identification of a bone marrow-derived mesenchymal progenitor cell subset that can contribute to the gastric epithelium. 2009 , 89, 1410-22	38

897	Bone marrow stem cells and the liver: are they relevant?. 2009 , 24, 1608-16	16
896	Liver cancer stem cells: implications for a new therapeutic target. 2009 , 29, 955-65	64
895	Expression of liver-specific markers in naïve adipose-derived mesenchymal stem cells. 2009 , 29, 1326-37	38
894	Time-dependent segmentation of BrdU-signal leads to late detection problems in studies using BrdU as cell label or proliferation marker. 2009 , 177, 149-59	19
893	3D spheroid culture system on micropatterned substrates for improved differentiation efficiency of multipotent mesenchymal stem cells. 2009 , 30, 2705-15	266
892	Osteogenic and adipogenic differentiation of rat bone marrow cells on non-mulberry and mulberry silk gland fibroin 3D scaffolds. 2009 , 30, 5019-30	98
891	Potentials of regenerative medicine for liver disease. 2009 , 39, 1019-25	24
890	Trafficking of murine hematopoietic stem and progenitor cells in health and vascular disease. 2009 , 16, 497-507	6
889	A novel method of dynamic culture surface expansion improves mesenchymal stem cell proliferation and phenotype. 2009 , 27, 200-9	58
888	The energy body and its functions: immunosurveillance, longevity, and regeneration. 2009 , 1172, 312-37	6
887	Timing of induction of cardiomyocyte differentiation for in vitro cultured mesenchymal stem cells: a perspective for emergencies. 2009 , 87, 143-50	35
886	Stem cells and female reproduction. 2009 , 16, 126-39	64
885	Transdifferentiation of stem cells: a critical view. 2009 , 114, 73-106	8
884	Canine bone marrow cells differentiate into hepatocyte-like cells and placental hydrolysate is a potential inducer. 2009 , 87, 1-6	6
883	Effects of bone marrow and hepatocyte transplantation on liver injury. 2009 , 157, 71-80	24
882	Serum from radiofrequency-injured livers induces differentiation of bone marrow stem cells into hepatocyte-like cells. 2009 , 155, 18-24	10
881	Autologous bone marrow-derived rat mesenchymal stem cells promote PDX-1 and insulin expression in the islets, alter T cell cytokine pattern and preserve regulatory T cells in the periphery and induce sustained normoglycemia. 2009 , 32, 33-42	120
880	Application of bone marrow cells: a novel therapy for bile leak?. 2009 , 73, 374-6	4

879	Adhesion of human haematopoietic (CD34+) stem cells to human liver compartments is integrin and CD44 dependent and modulated by CXCR3 and CXCR4. 2009 , 51, 734-49	21
878	Adult stem and progenitor cells. 2009 , 114, 1-21	4
877	In vitro hepatic differentiation of human bone marrow mesenchymal stem cells under differential exposure to liver-specific factors. 2009 , 154, 122-32	60
876	Stem cells and liver regeneration. 2009 , 137, 466-81	388
875	Stem cells and somatic cells: reprogramming and plasticity. 2009 , 9 Suppl 3, S319-28	11
874	Stem Cell Plasticity: Validation Versus Valedictory. 2009 , 197-208	
873	Stem cell bioprocessing: fundamentals and principles. 2009 , 6, 209-32	143
872	Artificial Organs. 2009 ,	5
871	The Neuroendocrine Leydig Cells and their Stem Cell Progenitors, the Pericytes. 2009 ,	1
870	Cellular Biology of Hematopoiesis. 72-87	
869	Biology of Stem Cells and the Molecular Basis of the Stem State. 2009 ,	15
868	Engineering of Stem Cells. 2009 ,	
867	A simple and efficient method for generating Nurr1-positive neuronal stem cells from human wisdom teeth (tNSC) and the potential of tNSC for stroke therapy. 2009 , 11, 606-17	50
866	Differentiation of mesenchymal stromal cells derived from umbilical cord Wharton's jelly into hepatocyte-like cells. 2009 , 11, 548-58	78
865	Novel poly(N-isopropylacrylamide)-poly[(R)-3-hydroxybutyrate]-poly(N-isopropylacrylamide) triblock copolymer surface as a culture substrate for human mesenchymal stem cells. 2009 , 5, 2937	75
864	Clinical evidence that very small embryonic-like stem cells are mobilized into peripheral blood in patients after stroke. 2009 , 40, 1237-44	173
863	Bone marrow-derived cells are not the origin of the cancer stem cells in ultraviolet-induced skin cancer. 2009 , 174, 595-601	11
862	Correction of murine ADAMTS13 deficiency by hematopoietic progenitor cell-mediated gene therapy. 2009 , 113, 2172-80	32

861	Therapeutic potential and related signal pathway of adipose-derived stem cell transplantation for rat liver injury. 2009 , 39, 822-32	50
860	Translational research to identify clinical applications of hepatocyte growth factor. 2009 , 39, 739-47	18
859	Efficacy and limitation of bone marrow transplantation in the treatment of acute and subacute liver failure in rats. 2009 , 39, 1137-43	3
858	Adult stem cells in tissue engineering. 2009 , 6, 621-40	32
857	Stem cells and the liver: clinical applications in transplantation. 2009 , 43, 35-51	7
856	Cell therapy for disorders of bone. 2009 , 11, 3-17	27
855	Current status of stem cell therapy for liver diseases. 2009 , 18, 1261-79	32
854	Human umbilical cord blood cell grafts for brain ischemia. 2009 , 18, 985-98	78
853	Communicating Science. 2009 ,	11
852	Stem cell-based therapies for spinal cord injury. 2009 , 32, 105-14	90
851	The therapeutic effect of bone marrow-derived liver cells in the phenotypic correction of murine hemophilia A. 2009 , 114, 4552-61	33
850	Evaluating and Predicting Human Cytochrome P450 Enzyme Induction. 359-389	
849	Stem and Progenitor Cells in the Retina. 2009 , 174-193	
848	Cell transplantation of adipose tissue-derived stem cells in combination with heparin attenuated acute liver failure in mice. 2009 , 18, 611-8	53
847	DAPI diffusion after intravitreal injection of mesenchymal stem cells in the injured retina of rats. 2009 , 18, 423-31	27
846	Mesenchymal stem cell therapy for nonmusculoskeletal diseases: emerging applications. 2009 , 18, 1013-28	49
845	The biological restoration of central nervous system architecture and function: part 1-foundations and historical landmarks in contemporary stem cell biology. 2009 , 64, 15-39; discussion 34	7
844	Mesenchymal stem cells: new approaches for the treatment of neurological diseases. 2010 , 5, 326-44	59

- 843 Autologous bone marrow infusion activates the progenitor cell compartment in patients with advanced liver cirrhosis. **2010**, 19, 1237-46 71
- 842 Lack of evidence for recipient precursor cells replenishing β cells in transplanted islets. **2010**, 19, 1563-72 6
- 841 Autologous hematopoietic stem cell transplantation in 48 patients with end-stage chronic liver diseases. **2010**, 19, 1475-86 92
- 840 Recent advances in liver stem cell therapy. **2010**, 26, 395-402 55
- 839 Stem cell mobilization is life saving in an animal model of acute liver failure. **2010**, 252, 591-6 43
- 838 Human umbilical cord blood stem cells show PDGF-D-dependent glioma cell tropism in vitro and in vivo. **2010**, 12, 453-65 19
- 837 Induction of apoptosis in glioma cells requires cell-to-cell contact with human umbilical cord blood stem cells. **2010**, 36, 1165-73 6
- 836 Role of VEGF-A in pancreatic beta cells. **2010**, 57, 185-91 39
- 835 Mesenchymal stem cells for the treatment of neurodegenerative disease. **2010**, 5, 933-46 378
- 834 Signal Transduction Pathways Involved in Hepatocarcinogenesis and Metastasis of Hepatoma. **2010**, 265-282
- 833 Membrane bioreactors for regenerative medicine: an example of the bioartificial liver. **2010**, 5, 146-159 7
- 832 Chapter 18: Possible Clinical Applications of Stem-Cell Strategies in AD Therapies. **2010**, 78-94
- 831 The effect of powder made of quality elk velvet antlers on the proliferation and differentiation of mesenchymal stem cells derived from adult bone marrow. **2010**, 1, 125-129
- 830 A consensus statement addressing mesenchymal stem cell transplantation for multiple sclerosis: it's time!. **2010**, 6, 500-6 23
- 829 Stem cell therapy improves the outcome of liver resection in cirrhotics. **2010**, 41, 17-23 27
- 828 Stem cell origins and animal models of hepatocellular carcinoma. **2010**, 55, 1241-50 12
- 827 Retraction. MRI tracking of the fate of intravascularly injected and SPIO-labeled rat mesenchymal stem cells in the livers of rats with hepatic fibrosis. **2010**, 55, 2122 2
- 826 Hepatocyte growth factor incorporated chitosan nanoparticles differentiate murine bone marrow mesenchymal stem cell into hepatocytes in vitro. **2010**, 4, 51-60 27

825	Stem cell plasticity: recapping the decade, mapping the future. 2010 , 38, 529-39	21
824	Portal venous endothelium in developing human liver contains haematopoietic and epithelial progenitor cells. 2010 , 316, 1637-47	2
823	Human liver stem cell-derived microvesicles accelerate hepatic regeneration in hepatectomized rats. 2010 , 14, 1605-18	241
822	Anti-fibrotic effect of chorionic plate-derived mesenchymal stem cells isolated from human placenta in a rat model of CCl(4)-injured liver: potential application to the treatment of hepatic diseases. 2010 , 111, 1453-63	95
821	Articular cartilage repair with autologous bone marrow mesenchymal cells. 2010 , 225, 291-5	49
820	Bone marrow-derived stem cells in liver repair: 10 years down the line. 2010 , 16, 118-29	67
819	Bioéthique et cellules souches. 2010 , 2010, 61-67	
818	Three-dimensional culture with stiff microstructures increases proliferation and slows osteogenic differentiation of human mesenchymal stem cells. 2010 , 6, 355-60	25
817	Human breast milk is a rich source of multipotent mesenchymal stem cells. 2010 , 23, 35-40	105
816	Homing of transplanted bone marrow cells in livers of Schistosoma mansoni-infected mice. 2010 , 118, 277-87	8
815	Regenerative medicine in dermatology: biomaterials, tissue engineering, stem cells, gene transfer and beyond. 2010 , 19, 697-706	72
814	Microchimerism in renal allografts: clinicopathological associations according to the type of chimeric cells. 2010 , 56, 188-97	14
813	Hepatocytes of donor origin in recipient liver after hematopoietic SCT in beta-thalassemia major patients. 2010 , 45, 694-8	3
812	Study of the structure of canine mesenchymal stem cell osteogenic culture. 2010 , 39, 446-55	7
811	Embryonic and adult stem cell systems in mammals: ontology and regulation. 2010 , 52, 115-29	19
810	Intestinal metaplasia -the effect of Acid on the gastric mucosa and gastric carcinogenesis-. 2010 , 23, 115-23	6
809	Progress in stem cell-derived technologies for hepatocellular carcinoma. 2010 , 3, 81-92	2
808	Hepatic progenitors for liver disease: current position. 2010 , 3, 39-47	9

807	Insulin-like growth factor binding protein-3 is required for the regulation of rat oval cell proliferation and differentiation in the 2AAF/PHX model. 2010 , 2010, 13-32	6
806	Artificial cell microencapsulated stem cells in regenerative medicine, tissue engineering and cell therapy. 2010 , 670, 68-79	17
805	Method for the decellularization of intact rat liver. 2010 , 6, 134-6	137
804	The myofibroblast in connective tissue repair and regeneration. 2010 , 39-80	6
803	Bone Marrow Mesenchymal Stem Cell Has Poor Proliferation but Non-Tumorigenicity in Cancer Environment. 2010 , 41, 551-556	2
802	Stem cell-based therapies for liver diseases: state of the art and new perspectives. 2010 , 2010, 259461	32
801	Characterisation of a stereotypical cellular and extracellular adult liver progenitor cell niche in rodents and diseased human liver. 2010 , 59, 645-54	131
800	Nf2/Merlin controls progenitor homeostasis and tumorigenesis in the liver. 2010 , 24, 1718-30	206
799	Potential of mesenchymal stem cells for the therapy of autoimmune diseases. 2010 , 6, 211-8	31
798	Hepatocyte nuclear factor-4alpha induces transdifferentiation of hematopoietic cells into hepatocytes. 2010 , 285, 4725-31	22
797	Effect of recipient-derived cells on the progression of familial amyloidotic polyneuropathy after liver transplantation: a retrospective study. 2010 , 47, 529-34	1
796	Bone marrow cell transplantation improves cardiac, autonomic, and functional indexes in acute anterior myocardial infarction patients (Cardiac Study). 2010 , 12, 172-80	44
795	Stem cells and regenerative medicine: accomplishments to date and future promise. 2010 , 1, 693-705	28
794	Biology of the adult hepatic progenitor cell: "ghosts in the machine". 2010 , 97, 229-49	14
793	Adipose tissue engineering from adult human stem cells: a new concept in biosurgery. 2010 , 26, 413-20	6
792	Defining cell identity by comprehensive gene expression profiling. 2010 , 17, 3245-52	2
791	Ex vivo transduction and transplantation of bone marrow cells for liver gene delivery of alpha1-antitrypsin. 2010 , 18, 1553-8	12
790	Liver tissue engineering: promises and prospects of new technology. 2010 , 12, 349-60	10

789	3D PLGA scaffolds improve differentiation and function of bone marrow mesenchymal stem cell-derived hepatocytes. 2010 , 19, 1427-36	85
788	Human hepatocyte transplantation: current experience and future challenges. 2010 , 7, 288-98	259
787	Hepatic stem cells. 2010 , 640, 167-79	7
786	Isolation and characterization of stem cells derived from human third molar tooth germs of young adults: implications in neo-vascularization, osteo-, adipo- and neurogenesis. 2010 , 10, 105-13	97
785	Molecular mechanisms underlying human adipose tissue-derived stromal cells differentiation into a hepatocyte-like phenotype. 2010 , 42, 895-901	26
784	Chondrogenic potential of blood-acquired mesenchymal progenitor cells. 2010 , 63, 841-7	11
783	Hepatic stem cells and liver development. 2010 , 640, 181-236	20
782	Resveratrol promotes osteogenic differentiation and protects against dexamethasone damage in murine induced pluripotent stem cells. 2010 , 19, 247-58	97
781	Adult rat mesenchymal stem cells differentiate into neuronal-like phenotype and express a variety of neuro-regulatory molecules in vitro. 2010 , 66, 46-52	50
780	Preoperative granulocyte-colony stimulating factor (G-CSF) treatment improves congested liver regeneration. 2010 , 158, 132-7	3
779	In vitro interactions between bone marrow stromal cells and hippocampal slice cultures. 2010 , 333, 582-90	8
778	Induced endothelial differentiation of cells from a murine embryonic mesenchymal cell line C3H/10T1/2 by angiogenic factors in vitro. 2010 , 79, 21-30	26
777	Transcriptional profiling and hepatogenic potential of acute hepatic failure-derived bone marrow mesenchymal stem cells. 2010 , 80, 166-74	21
776	Human adipose tissue-derived adult stem cells can lead to multiorgan engraftment. 2010 , 42, 1849-56	11
775	Haematopoietic stem cell recruitment to injured murine liver sinusoids depends on (alpha)4(beta)1 integrin/VCAM-1 interactions. 2010 , 59, 79-87	26
774	Hepatocyte growth factor mobilizes and recruits hematopoietic progenitor cells into liver through a stem cell factor-mediated mechanism. 2010 , 40, 711-9	15
773	Bone marrow stem cell therapy for recessive dystrophic epidermolysis bullosa. 2010 , 28, 371-82, xii-xiii	30
772	Adult Stem Cell Plasticity: Dream or Reality?. 2010 , 66, 56-60	2

771	The role of the Wnt family of secreted proteins in rat oval "stem" cell-based liver regeneration: Wnt1 drives differentiation. 2010 , 176, 2732-42	28
770	Liver fibrosis in biliary atresia. 2010 , 4, 335-43	36
769	Origin of Cancers. 2010 ,	1
768	Hepatocytes. 2010 ,	5
767	Perspectives of Stem Cells. 2010 ,	
766	Cell and Organ Printing. 2010 ,	8
765	Stem Cell Biology in Health and Disease. 2010 ,	
764	Human CD34+ cells mobilized by granulocyte colony-stimulating factor ameliorate radiation-induced liver damage in mice. 2010 , 1, 22	13
763	Insights into the role of DNA methylation in disease through the use of mouse models. 2010 , 3, 290-7	28
762	Regenerative Medicine Using Pregnancy-Specific Biological Substances. 2011 ,	2
761	Remodelling of extracellular matrix is a requirement for the hepatic progenitor cell response. 2011 , 60, 525-33	83
760	The role of nanostructured mesoporous silicon in discriminating in vitro calcification for electrospun composite tissue engineering scaffolds. 2011 , 3, 354-61	54
759	Stem cells in acute liver failure. 2011 , 45, 117-30	11
758	Zinc supplementation results in improved therapeutic potential of bone marrow-derived mesenchymal stromal cells in a mouse ischemic limb model. 2011 , 13, 156-64	16
757	The neurosteroid dehydroepiandrosterone could improve somatic cell reprogramming. 2011 , 35, 1037-41	9
756	CD133+ stem cell mobilization after partial hepatectomy depends on resection extent and underlying disease. 2011 , 43, 147-54	10
755	Evolving concepts in cell therapy of liver disease and current clinical perspectives. 2011 , 43, 180-7	31
754	Cell-fusion-mediated reprogramming: pluripotency or transdifferentiation? Implications for regenerative medicine. 2011 , 713, 137-59	23

753	Tissue Engineering in Regenerative Medicine. 2011,	5
752	Stem Cells & Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2011,	0.4 5
751	Mesenchymal Stem Cells. 2011, 153-166	
750	Adult Stem Cells. 2011,	2
749	Venous Embolization of the Liver. 2011,	1
748	Liver regeneration: alternative epithelial pathways. 2011, 43, 173-9	96
747	Model systems and experimental conditions that lead to effective repopulation of the liver by transplanted cells. 2011, 43, 198-213	41
746	Potential applications for cell regulatory factors in liver progenitor cell therapy. 2011, 43, 214-21	3
745	Liver stem/progenitor cells: their characteristics and regulatory mechanisms. 2011, 149, 231-9	94
744	Human Umbilical Cord Blood Cells for Stroke. 2011, 155-167	1
743	Role of mesenchymal stem cells in neurogenesis and nervous system repair. 2011, 59, 347-56	102
742	Bone marrow cells reduce fibrogenesis and enhance regeneration in fibrotic rat liver. 2011, 169, e15-26	10
741	Cellular fusion for gene delivery to SCA1 affected Purkinje neurons. 2011, 47, 61-70	31
740	Adipose tissue-derived mesenchymal stem cell-based liver gene delivery. 2011, 54, 930-8	35
739	Adipose-tissue derived hepatic stem cells for gene therapy: fat goes to liver's rescue?. 2011, 54, 851-2	
738	Advances in the regulation of liver regeneration. 2011, 5, 105-21	59
737	Long-lasting changes in the anatomy of the olfactory bulb after ionizing irradiation and bone marrow transplantation. 2011, 173, 190-205	23
736	Granulocyte colony-stimulating factor treatment ameliorates liver injury and improves survival in rats with D-galactosamine-induced acute liver failure. 2011, 204, 92-9	24

- 735 Standardized isolation of human mesenchymal stromal cells with red blood cell lysis. **2011**, 698, 23-35 31
- 734 Human dermal fibroblasts exhibit delayed adipogenic differentiation compared with mesenchymal stem cells. **2011**, 20, 1327-36 20
- 733 Potential therapeutic application of intravenous autologous bone marrow infusion in patients with alcoholic liver cirrhosis. **2011**, 20, 1503-10 60
- 732 Stem cells: Biology and clinical potential. **2011**, 10,
- 731 Multipotent Adult Progenitor Cells. **2011**, 263-272
- 730 [Preclinical experience in stem cell therapy for digestive tract diseases]. **2011**, 58, 133-8
- 729 Interferon beta to treat multiple sclerosis. 300-314
- 728 Hematopoietic stem cell transplantation to treat multiple sclerosis. 508-519
- 727 Characterization of mouse clonal mesenchymal stem cell lines established by subfractionation culturing method. **2011**, 3, 70-82 22
- 726 Stem Cells and Liver Disease. **2011**, 6,
- 725 Inhibition of Notch signaling affects hepatic oval cell response in rat model of 2AAF-PH. **2011**, 3, 89-98 16
- 724 [Towards a molecular rather than a descriptive definition of stemness]. **2011**, 27, 303-7 3
- 723 Therapeutic potential of adipose tissue-derived stem cells for liver failure according to the transplantation routes. **2011**, 81, 176-86 44
- 722 Periodontal Ligament Stem Cells. **2011**, 5
- 721 Cell Therapy of Liver Disease: From Hepatocytes to Stem Cells. **2011**, 305-326
- 720 Potential of the Side Population in Regenerative Nephrology. **2011**, 173-188
- 719 Histological study of the role of stem cells on experimentally induced diabetes mellitus. **2011**, 34, 849-858
- 718 Bone marrow contributes simultaneously to different neural types in the central nervous system through different mechanisms of plasticity. **2011**, 20, 1179-92 20

717	An update on hepatic stem cells: bench to bedside. 2011 , 12, 226-30		15
716	Management of Liver Failure: From Transplantation to Cell-Based Therapy. 2011 , 2, 9-25		3
715	Assessment of biological characteristics of mesenchymal stem cells labeled with superparamagnetic iron oxide particles in vitro. <i>Molecular Medicine Reports</i> , 2012 , 5, 317-20	2.9	18
714	In vivo hepatic differentiation potential of human cord blood-derived mesenchymal stem cells. 2011 , 27, 701-6		17
713	Bone marrow cells obtained from cirrhotic rats do not improve function or reduce fibrosis in a chronic liver disease model. 2011 , 25, 54-60		10
712	New concepts in liver regeneration. 2011 , 26 Suppl 1, 203-12		161
711	Activation, isolation, identification and culture of hepatic stem cells from porcine liver tissues. 2011 , 44, 558-66		9
710	Continuous cell supply from a Sox9-expressing progenitor zone in adult liver, exocrine pancreas and intestine. 2011 , 43, 34-41		636
709	Bone marrow cell-mediated production of transgenic chickens. 2011 , 91, 1229-40		17
708	Immunoregulatory function of bone marrow mesenchymal stem cells in EAE depends on their differentiation state and secretion of PGE2. 2011 , 233, 106-11		54
707	The role of microRNAs in self-renewal and differentiation of mesenchymal stem cells. 2011 , 39, 608-16		123
706	Whole-organ tissue engineering: decellularization and recellularization of three-dimensional matrix scaffolds. 2011 , 13, 27-53		755
705	Adult Liver Stem Cells. 2011 , 243-260		
704	Stem cell culture engineering - process scale up and beyond. 2011 , 6, 1317-29		46
703	Genetic lineage tracing, a powerful tool to investigate the embryonic organogenesis and adult organ maintenance of the pancreas. 2011 , 18, 1-5		9
702	Fetal liver cell transplantation as a potential alternative to whole liver transplantation?. 2011 , 46, 953-65		31
701	CD133+CD34+ stem cells are mobilized after musculoskeletal surgery and target endothelium activated by surgical wound fluid. 2011 , 396, 379-87		7
700	Enhanced expression of fibroblast growth factor 2 in bone marrow cells and its potential role in the differentiation of hepatic epithelial stem-like cells into the hepatocyte lineage. 2011 , 343, 371-8		6

699	Multi-potent progenitors in freshly isolated and cultured human mesenchymal stem cells: a comparison between adipose and dermal tissue. 2011 , 344, 85-95	26
698	A novel monoclonal antibody identified hepatic stem-like cells in rats. 2011 , 44, 103-10	3
697	The immunomodulatory properties of mesenchymal stem cells. 2011 , 33, 593-602	136
696	Bone marrow mesenchymal cells: how do they contribute to tissue repair and are they really stem cells?. 2011 , 59, 369-78	70
695	Present state and future perspectives of using pluripotent stem cells in toxicology research. 2011 , 85, 79-117	119
694	Transplantation of umbilical cord blood stem cells for treating spinal cord injury. 2011 , 7, 181-94	68
693	Differentiating of banked human umbilical cord blood-derived mesenchymal stem cells into insulin-secreting cells. 2011 , 47, 54-63	35
692	Therapeutic potential of stem cell in liver regeneration. 2011 , 5, 26-32	16
691	Early stage transplantation of bone marrow cells markedly ameliorates copper metabolism and restores liver function in a mouse model of Wilson disease. 2011 , 11, 75	4
690	Autologous bone marrow stem cell intralesional transplantation repairing bisphosphonate related osteonecrosis of the jaw. 2011 , 7, 16	53
689	Dedifferentiation-reprogrammed mesenchymal stem cells with improved therapeutic potential. 2011 , 29, 2077-89	33
688	Safety of autologous bone marrow-derived mesenchymal stem cell transplantation for cartilage repair in 41 patients with 45 joints followed for up to 11 years and 5 months. 2011 , 5, 146-50	232
687	Mobilization of hepatic mesenchymal stem cells from human liver grafts. 2011 , 17, 596-609	41
686	The hepcidin circuits act: balancing iron and inflammation. 2011 , 53, 1764-6	27
685	Neurofibromatosis type 2/Merlin: sharpening the myth of prometheus. 2011 , 53, 1767-70	
684	Facultative stem cells in liver and pancreas: fact and fancy. 2011 , 240, 521-9	56
683	Plasticity and maintenance of hematopoietic stem cells during development. 2011 , 5, 40-53	17
682	Liver cancer stem cells. 2011 , 2011, 486954	26

681	Acute hepatic failure-derived bone marrow mesenchymal stem cells express hepatic progenitor cell genes. 2011 , 194, 371-81	7
680	The molecular pathogenesis and clinical implications of hepatocellular carcinoma. 2011 , 2011, 818672	19
679	Rescuing replication and osteogenesis of aged mesenchymal stem cells by exposure to a young extracellular matrix. 2011 , 25, 1474-85	150
678	A new paradigm for the understanding of obesity: the role of stem cells. 2011 , 117, 188-94	9
677	Therapeutic implications of mesenchymal stem cells in liver injury. 2011 , 2011, 860578	61
676	Transplanted bone marrow mesenchymal stem cells improve memory in rat models of Alzheimer's disease. 2012 , 2012, 369417	33
675	Gene expression profile reveals abnormalities of multiple signaling pathways in mesenchymal stem cell derived from patients with systemic lupus erythematosus. 2012 , 2012, 826182	36
674	Mesenchymal stem cell-derived hepatocytes for functional liver replacement. <i>Frontiers in Immunology</i> , 2012 , 3, 168	8.4 21
673	Influence of hematopoietic stem cell-derived hepatocytes on liver regeneration after sex-mismatched liver transplantation in humans. 2012 , 25, 220-6	4
672	Engineered MSCs from Patient-Specific iPS Cells. 2013 , 130, 1-17	8
671	Evaluation of methods for cell harvesting and the biological properties at successive passages of canine bone marrow stromal cells. 2012 , 73, 1832-40	8
670	miR-486-5p induces replicative senescence of human adipose tissue-derived mesenchymal stem cells and its expression is controlled by high glucose. 2012 , 21, 1749-60	82
669	Stem Cells and Cancer Stem Cells, Volume 2. 2012 ,	
668	The voyage of stem cell toward terminal differentiation: a brief overview. 2012 , 44, 463-75	14
667	Roles of p53 in various biological aspects of hematopoietic stem cells. 2012 , 2012, 903435	13
666	Autologous bone marrow stem cells in the treatment of chronic liver disease. 2012 , 2012, 307165	18
665	A crucial role of bone morphogenetic protein signaling in the wound healing response in acute liver injury induced by carbon tetrachloride. 2012 , 2012, 476820	13
664	Bone marrow cells ameliorate liver fibrosis and express albumin after transplantation in CCl ₄ induced fibrotic liver. 2012 , 18, 263-7	22

663	Cytologic and immunophenotypic features of CD34+ stem cells in body cavity fluids. 2012 , 56, 401-7	1
662	Matrix metalloproteinase-9 contributes to the mobilization of bone marrow cells in the injured liver. 2012 , 21, 453-64	16
661	Myogenic properties of human mesenchymal stem cells derived from three different sources. 2012 , 21, 153-73	65
660	Adipose-derived stem cells can abrogate chemical-induced liver fibrosis and facilitate recovery of liver function. 2012 , 21, 2753-64	58
659	Regenerative treatment in spinal cord injury. 2012 , 7, 364-9	17
658	Non-Coding RNAs as Therapeutic Targets in Hepatocellular Cancer. 2012 , 12, 1073-1080	5
657	Therapeutic potential of canine bone marrow stromal cells (BMSCs) in the carbon tetrachloride (CCl4) induced chronic liver dysfunction mouse model. 2012 , 74, 607-11	5
656	Induced pluripotent stem cells without c-Myc attenuate acute kidney injury via downregulating the signaling of oxidative stress and inflammation in ischemia-reperfusion rats. 2012 , 21, 2569-85	73
655	Matrix metalloproteinases (MMPs) activity in cultured canine bone marrow stromal cells (BMSCs). 2012 , 74, 633-6	4
654	Liver regenerative medicine: advances and challenges. 2012 , 196, 291-312	30
653	The developing cancer stem-cell model: clinical challenges and opportunities. 2012 , 13, e83-9	284
652	CD11b(+) Gr1(+) bone marrow cells ameliorate liver fibrosis by producing interleukin-10 in mice. 2012 , 56, 1902-12	51
651	Adult rat mesenchymal stem cells delay denervated muscle atrophy. 2012 , 32, 1287-98	6
650	Adipose tissue-derived mesenchymal stem cell transplantation promotes hepatic regeneration after hepatic ischemia-reperfusion and subsequent hepatectomy in rats. 2012 , 178, 63-70	38
649	Bone marrow transplantation rescues intestinal mucosa after whole body radiation via paracrine mechanisms. 2012 , 105, 371-7	14
648	Pluripotent and multipotent stem cells in adult tissues. 2012 , 57, 1-17	44
647	Bone marrow transplantation enhances trafficking of host-derived myelomonocytic cells that rescue intestinal mucosa after whole body radiation. 2012 , 104, 401-7	4
646	Fibrin glue with autogenic bone marrow mesenchymal stem cells for urethral injury repair in rabbit model. 2012 , 18, 2507-17	20

645	MiR-499 induces cardiac differentiation of rat mesenchymal stem cells through wnt/ β catenin signaling pathway. 2012 , 420, 875-81		50
644	Stem cells in liver failure. 2012 , 26, 35-45		30
643	Distinct contribution of human cord blood-derived endothelial colony forming cells to liver and gut in a fetal sheep model. 2012 , 56, 1086-96		19
642	Hematopoietic stem cell mobilization into the peripheral circulation in patients with chronic liver diseases. 2012 , 13, 571-8		8
641	Hepatocyte differentiation of mesenchymal stem cells. 2012 , 11, 360-71		77
640	Hepatogenic differentiation of mesenchymal stem cells in a rat model of thioacetamide-induced liver cirrhosis. 2012 , 36, 279-88		29
639	Therapeutic Potential of Bone Marrow-Derived Stem Cells in Treatment of Genetic Diseases of the Liver. 2012 , 95-106		1
638	Biomimetic cell culture proteins as extracellular matrices for stem cell differentiation. 2012 , 112, 4507-40		104
637	Stem Cells and Hepatocyte Transplantation. 2012 , 157-170		
636	Liver Stem Cells. 2012 ,		
635	Stem Cells and Cancer Stem Cells, Volume 7. 2012 ,		
634	Ischemia/reperfusion injury promotes and granulocyte-colony stimulating factor inhibits migration of bone marrow-derived stem cells to endometrium. 2012 , 21, 3324-31		92
633	Factor VIII can be synthesized in hemophilia A mice liver by bone marrow progenitor cell-derived hepatocytes and sinusoidal endothelial cells. 2012 , 21, 110-20		19
632	Liver Progenitor Cells, Cancer Stem Cells and Hepatocellular Carcinoma. 2012 ,		
631	Regenerative Effects of Mesenchymal Stem Cells: Contribution of Muse Cells, a Novel Pluripotent Stem Cell Type that Resides in Mesenchymal Cells. <i>Cells</i> , 2012 , 1, 1045-60	7.9	60
630	Signals and cells involved in regulating liver regeneration. <i>Cells</i> , 2012 , 1, 1261-92	7.9	85
629	New Models for the In Vitro Study of Liver Toxicity: 3D Culture Systems and the Role of Bioreactors. 2012 ,		5
628	Regenerative Cells for Transplantation in Hepatic Failure. 2012 , 21, 387-399		15

627	Cancer Stem Cell as a Potential Therapeutic Target in Hepatocellular Carcinoma. 2012 , 12, 1081-1094	27
626	Pluripotent Stem Cells in Bone Marrow and Cord Blood. 2012 ,	1
625	Mesenchymal Stem Cells in CNS Regeneration. 2012 ,	
624	Cell sources for cartilage repair; contribution of the mesenchymal perivascular niche. 2012 , 4, 1275-94	12
623	Overcoming resistance of cancer stem cells. 2012 , 13, e187-8	24
622	Neural-differentiated mesenchymal stem cells incorporated into muscle stuffed vein scaffold forms a stable living nerve conduit. 2012 , 30, 1674-81	14
621	Immediate intraportal transplantation of human bone marrow mesenchymal stem cells prevents death from fulminant hepatic failure in pigs. 2012 , 56, 1044-52	82
620	The germline stem cell niche unit in mammalian testes. 2012 , 92, 577-95	332
619	Pivotal role of paracrine effects in stem cell therapies in regenerative medicine: can we translate stem cell-secreted paracrine factors and microvesicles into better therapeutic strategies?. 2012 , 26, 1166-73	225
618	Organ repair and regeneration: an overview. 2012 , 96, 1-29	89
617	Cancer Stem Cells: Biology, Perspectives and Therapeutic Implications. 2012 , 1-22	
616	Liver regeneration: Mechanisms and clinical relevance. 2012 , 87-101.e6	
615	Transcriptional profiles of biliary epithelial cells from rat regenerating liver after partial hepatectomy. 2012 , 34, 245-256	1
614	Clinical utility of stem cells for periodontal regeneration. 2012 , 59, 203-27	163
613	Stimulation of liver regeneration after hepatectomy in mice by injection of bone marrow mesenchymal stem cells via the portal vein. 2012 , 44, 1107-9	18
612	Regenerative pulmonary medicine: potential and promise, pitfalls and challenges. 2012 , 42, 900-13	19
611	The role of some donor-host cell interactions under a microenvironmental influence during regeneration processes. 2012 , 46, 180-187	1
610	Highly efficient transfer and stable expression of two genes upon lentivirus transduction of mesenchymal stem cells from human bone marrow. 2012 , 48, 336-346	

609	Mature hepatocytes exhibit unexpected plasticity by direct dedifferentiation into liver progenitor cells in culture. 2012 , 55, 563-74	92
608	Human peripheral blood CD34-positive cells enhance therapeutic regeneration of chronically injured liver in nude rats. 2012 , 227, 1538-52	15
607	Blood derived stem cells: an ameliorative therapy in veterinary ophthalmology. 2012 , 227, 1250-6	20
606	Mesenchymal stem cell-derived secretome and microvesicles as a cell-free therapeutics for neurodegenerative disorders. 2013 , 10, 93-101	74
605	Essentials of Mesenchymal Stem Cell Biology and Its Clinical Translation. 2013 ,	4
604	Isolation of multilineage progenitors from mouse brain. 2013 , 49, 307-14	
603	Concise review: bone marrow autotransplants for liver disease?. 2013 , 31, 2313-29	16
602	Propitious role of bone marrow-derived mononuclear cells in an experimental bile duct ligation model: potential clinical implications in obstructive cholangiopathy. 2013 , 29, 623-32	5
601	Advances in cell lineage reprogramming. 2013 , 56, 228-33	5
600	Interaction of hepatic stellate cells with diverse types of immune cells: foe or friend?. 2013 , 28 Suppl 1, 99-104	36
599	Dynamic expression characteristics of Notch signal in bone marrow-derived mesenchymal stem cells during the process of differentiation into hepatocytes. 2013 , 45, 95-100	9
598	Amniotic fluid may act as a transporting pathway for signaling molecules and stem cells during the embryonic development of amniotes. 2013 , 76, 606-10	12
597	Calcium-incorporated titanium surfaces influence the osteogenic differentiation of human mesenchymal stem cells. 2013 , 101, 2573-85	25
596	Effect of transplantation route on stem cell migration to fibrotic liver of rats via cellular magnetic resonance imaging. 2013 , 15, 1266-74	8
595	Bone marrow stem cells. 2013 , 1036, 33-46	3
594	Epigenetic alterations in oncogenesis. Preface. 2013 , 754, v-vii	7
593	Glucocorticoid receptor antagonist and siRNA prevent senescence of human bone marrow mesenchymal stromal cells in vitro. 2013 , 354, 461-70	7
592	Two-stage hepatectomy after autologous CD133+ stem cells administration: a case report. 2013 , 11, 192	3

591	Stem cells and the reproductive system: historical perspective and future directions. 2013 , 76, 284-9	15
590	Short-term evaluation of autologous transplantation of bone marrow-derived mesenchymal stem cells in patients with cirrhosis: Egyptian study. 2013 , 27, 607-12	56
589	Generation, characterization and potential therapeutic applications of mature and functional hepatocytes from stem cells. 2013 , 228, 298-305	36
588	Implication of hepatic stem cells in functional liver repopulation. 2013 , 83, 90-102	23
587	Duration of in vitro storage affects the key stem cell features of human bone marrow-derived mesenchymal stromal cells for clinical transplantation. 2013 , 15, 460-6	38
586	Administration of IL-1Ra chitosan nanoparticles enhances the therapeutic efficacy of mesenchymal stem cell transplantation in acute liver failure. 2013 , 44, 370-9	18
585	medycyno regeneracyjna?: Quo Vadis Regenerative Medicine?. 2013 , 44, 161-170	6
584	Liver Resident Stem Cell. 2013 , 177-203	3
583	Hematopoietic stem cells are pluripotent and not just "hematopoietic". 2013 , 51, 3-8	32
582	Overview of Tissue Engineering Concepts and Applications. 2013 , 1122-1137	3
581	Regeneration and bioengineering of transplantable abdominal organs: current status and future challenges. 2013 , 13, 103-13	11
580	Stem cells in liver regeneration and their potential clinical applications. 2013 , 9, 668-84	13
579	Multipotent Adult Progenitor Cells. 2013 , 503-511	1
578	CD34+ hematopoietic stem cells mobilization, paralleled with multiple cytokines elevated in patients with HBV-related acute-on-chronic liver failure. 2013 , 58, 448-57	20
577	Frequent hepatocyte chimerism in long-term human liver allografts independent of graft outcome. 2013 , 28, 100-5	10
576	Stem Cells in the Gastrointestinal Tract. 2013 , 789-817	
575	Adult Progenitor Cells as a Potential Treatment for Diabetes. 2013 , 827-834	
574	Cell Therapy of Liver Disease: From Hepatocytes to Stem Cells. 2013 , 855-871	

573	Adult Liver Stem Cells. 2013 , 873-887	
572	Stem Cell Gene Therapy. 2013 , 937-949	
571	Bone marrow-derived mesenchymal stem cells promote hepatic regeneration after partial hepatectomy in rats. 2013 , 80, 228-34	15
570	Perspective on liver regeneration by bone marrow-derived stem cells-a scientific realization or a paradox. 2013 , 15, 881-92	6
569	Principles of liver regeneration and growth homeostasis. 2013 , 3, 485-513	165
568	Chemical warfare agent and biological toxin-induced pulmonary toxicity: could stem cells provide potential therapies?. 2013 , 25, 37-62	8
567	Dysregulation of signaling pathways and putative biomarkers in liver cancer stem cells (Review). 2013 , 29, 3-12	26
566	Epigenetic reprogramming of mesenchymal stem cells. 2013 , 754, 195-211	14
565	Blood-derived stem cells (BDSCs) plasticity: in vitro hepatic differentiation. 2013 , 228, 1249-54	6
564	Stem cells from umbilical cord Wharton's jelly from preterm birth have neuroglial differentiation potential. 2013 , 20, 1455-64	35
563	Regenerative Therapies for Liver Diseases. 2013 , 203-231	
562	Cell and organ bioengineering technology as applied to gastrointestinal diseases. 2013 , 62, 774-86	33
561	Stem cells and their role in renal ischaemia reperfusion injury. 2013 , 37, 16-29	21
560	[Stem cell-induced liver regeneration]. 2013 , 138, 166-72	3
559	Probing the hepatic progenitor cell in human hepatocellular carcinoma. 2013 , 2013, 145253	17
558	Estradiol synthesis and release in cultured female rat bone marrow stem cells. 2013 , 2013, 301540	3
557	Mesenchymal stem cells overexpressing PEDF decrease the angiogenesis of gliomas. 2013 , 33, e00019	16
556	The effect of hepatic progenitor cells on experimental hepatocellular carcinoma in the regenerating liver. 2014 , 49, 99-108	10

555	Implication for bone marrow derived stem cells in hepatocyte regeneration after orthotopic liver transplantation. 2013 , 2013, 310612		9
554	Evidence for bone marrow adult stem cell plasticity: properties, molecular mechanisms, negative aspects, and clinical applications of hematopoietic and mesenchymal stem cells transdifferentiation. 2013 , 2013, 589139		30
553	Mesenchymal stem cells of human placenta and umbilical cord suppress T-cell proliferation at G0 phase of cell cycle. 2013 , 37, 250-6		13
552	Kidney regeneration by non-platelet RNA-containing particle-derived cells. 2013 , 40, 724-34		1
551	Smurf2-mediated degradation of EZH2 enhances neuron differentiation and improves functional recovery after ischaemic stroke. 2013 , 5, 531-47		76
550	MicroRNA-146a negatively regulates the immunoregulatory activity of bone marrow stem cells by targeting prostaglandin E2 synthase-2. 2013 , 190, 5102-9		35
549	The role of systemically delivered bone marrow-derived mesenchymal stem cells in the regeneration of periodontal tissues. 2013 , 28, e503-11		10
548	Cellular Properties of Mesenchymal Cells Derived from the Decidua of Human Term Placenta and Their Applications in Regenerative Medicine. 2013 , 240-260		1
547	Effect of bone-marrow-derived mesenchymal stem cells on high-potential hepatocellular carcinoma in mouse models: an intervention study. 2013 , 18, 34		19
546	Targeted cell reprogramming produces analgesic chromaffin-like cells from human mesenchymal stem cells. 2013 , 22, 2257-66		7
545	Induced pluripotent stem cells without c-Myc reduce airway responsiveness and allergic reaction in sensitized mice. 2013 , 96, 958-65		3
544	Therapeutic potential of human induced pluripotent stem cell-derived mesenchymal stem cells in mice with lethal fulminant hepatic failure. 2013 , 22, 1785-99		25
543	Differential hepatic stem cell proliferation and differentiation after partial hepatectomy in rats. <i>Molecular Medicine Reports</i> , 2013 , 8, 1005-10	2.9	7
542	Survival of hypoxic human mesenchymal stem cells is enhanced by a positive feedback loop involving miR-210 and hypoxia-inducible factor 1. 2013 , 14, 69-76		51
541	Orbital volume augmentation after injection of human orbital adipose-derived stem cells in rabbits. 2013 , 54, 2410-6		9
540	Clinical applications of mesenchymal stem cells. 2013 , 28, 387-402		188
539	Therapeutic potentials occurring during the early differentiation process of mesenchymal stem cells in a rats model with thioacetamide-induced liver fibrosis. 2013 , 17, 21-33		
538	Synthetic surface for expansion of human mesenchymal stem cells in xeno-free, chemically defined culture conditions. 2013 , 8, e70263		28

537	Thinking outside the liver: induced pluripotent stem cells for hepatic applications. 2013 , 19, 3385-96	26
536	Bone Marrow-Derived Stem Cell (BMDSC) transplantation improves fertility in a murine model of Asherman's syndrome. 2014 , 9, e96662	134
535	Skin-derived mesenchymal stem cells help restore function to ovaries in a premature ovarian failure mouse model. 2014 , 9, e98749	55
534	Modulating human mesenchymal stem cell plasticity using micropatterning technique. 2014 , 9, e113043	5
533	Microarray analysis after umbilical cord blood derived mesenchymal stem cells injection in monocrotaline-induced pulmonary artery hypertension rats. 2014 , 47, 217-26	8
532	Stem Cell Therapy for Organ Failure. 2014 ,	1
531	Low frequency magnetic force augments hepatic differentiation of mesenchymal stem cells on a biomagnetic nanofibrous scaffold. 2014 , 25, 2579-89	7
530	A de novo unclassified malignant spindle cell neoplasm of liver allograft. 2014 , 138, 274-7	3
529	Unveiling the role of TNF- α in mesenchymal stromal cell-mediated immunosuppression. 2014 , 44, 352-6	9
528	Diversity of hepatocellular carcinoma clones bearing hematopoietic malignancies-related chromosomal translocation. 2014 , 115, 666-77	2
527	Stem Cells in the Gastrointestinal Tract. 2014 , 901-933	
526	Tissue engineering and regenerative medicine approaches to enhance the functional response to skeletal muscle injury. 2014 , 297, 51-64	48
525	Extrahepatic stem cells mobilized from the bone marrow by the supplementation of branched-chain amino acids ameliorate liver regeneration in an animal model. 2014 , 29, 870-7	3
524	Stem cells in dermatology. 2014 , 89, 286-91	10
523	Hyperammonia induces specific liver injury through an intrinsic Ca ²⁺ -independent apoptosis pathway. 2014 , 14, 151	11
522	Transdifferentiation of autologous bone marrow cells on a collagen-poly(ϵ -caprolactone) scaffold for tissue engineering in complete lack of native urothelium. 2014 , 11, 20140233	9
521	Cartilage Repair With Autologous Bone Marrow Mesenchymal Stem Cell Transplantation: Review of Preclinical and Clinical Studies. 2014 , 5, 196-202	53
520	Rationale and prospects of mesenchymal stem cell therapy for liver transplantation. 2014 , 19, 60-4	17

519	Bone marrow stem cell therapy for liver disease. 2014 , 32, 494-501	6
518	Liver Regeneration. 2014 , 375-390	
517	Current perspectives in mesenchymal stem cell therapies for osteoarthritis. 2014 , 2014, 194318	55
516	Use of autologous mesenchymal stem cells derived from bone marrow for the treatment of naturally injured spinal cord in dogs. 2014 , 2014, 437521	47
515	Stem cells, tissue engineering and periodontal regeneration. 2014 , 59 Suppl 1, 117-30	94
514	Cellular therapy for liver disease. 2014 , 89, 414-24	57
513	Canine mesenchymal stem cells show antioxidant properties against thioacetamide-induced liver injury in vitro and in vivo. 2014 , 44, E206-17	38
512	HGF and SDF-1-mediated mobilization of CD133+ BMSC for hepatic regeneration following extensive liver resection. 2014 , 34, 89-101	25
511	Inflammation and cancer stem cells. 2014 , 345, 271-8	84
510	Human adult stem cells from diverse origins: an overview from multiparametric immunophenotyping to clinical applications. 2014 , 85, 43-77	115
509	Mouse A6-positive hepatic oval cells derived from embryonic stem cells. 2014 , 34, 1-9	2
508	Characterization of colony-forming cells in adult human articular cartilage. 2014 , 116, 763-70	12
507	Adult Stem Cells. <i>Pancreatic Islet Biology</i> , 2014 ,	0.4 0
506	The origin, biology, and therapeutic potential of facultative adult hepatic progenitor cells. 2014 , 107, 269-92	25
505	Very small embryonic-like stem cells (VSELs) represent a real challenge in stem cell biology: recent pros and cons in the midst of a lively debate. 2014 , 28, 473-84	74
504	GABAergic neuronal differentiation induced by brain-derived neurotrophic factor in human mesenchymal stem cells. 2014 , 18, 17-24	5
503	Perinatal Stem Cells. 2014 ,	3
502	Efficient generation of hepatic cells from multipotent adult mouse germ-line stem cells using an OP9 co-culture system. 2014 , 16, 65-76	9

501	Advances in mesenchymal stem cells combined with traditional Chinese medicine therapy for liver fibrosis. 2014 , 12, 147-55	20
500	Hepatic progenitor cells in canine and feline medicine: potential for regenerative strategies. 2014 , 10, 137	8
499	Peripheral vein infusion of autologous mesenchymal stem cells in Egyptian HCV-positive patients with end-stage liver disease. 2014 , 5, 70	69
498	Bone marrow cells enhance liver regeneration after massive hepatectomy in mice. 2014 , 59, 1484-9	6
497	Hepatocytes, rather than cholangiocytes, can be the major source of primitive ductules in the chronically injured mouse liver. 2014 , 184, 1468-78	89
496	Stem Cells and Cancer Stem Cells, Volume 12. 2014 ,	3
495	ALERT - Adverse Late Effects of Cancer Treatment. 2014 ,	0
494	Growth factors enhance liver regeneration in acute-on-chronic liver failure. 2014 , 8 Suppl 2, 514-25	7
493	Hepatic progenitor cells in liver regeneration: current advances and clinical perspectives. 2014 , 34, 1464-72	20
492	Immunological basis of stem cell therapy in liver diseases. 2014 , 10, 1185-96	6
491	Epiregulin promotes the emergence and proliferation of adult liver progenitor cells. 2014 , 307, G50-7	7
490	Use of a transjugular intrahepatic portosystemic shunt combined with autologous bone marrow cell infusion in patients with decompensated liver cirrhosis: an exploratory study. 2014 , 16, 1575-1583	1
489	Hepatic regenerative medicine: exploiting the liver's will to live. 2014 , 184, 306-8	5
488	Intrahepatic bile duct regeneration in mice does not require Hnf6 or Notch signaling through Rbpj. 2014 , 184, 1479-88	32
487	Molecular mechanisms of stem cell therapy in alcoholic liver disease. 2014 , 46, 391-7	14
486	Hematopoietic stem cells and liver regeneration: differentially acting hematopoietic stem cell mobilization agents reverse induced chronic liver injury. 2014 , 53, 124-32	33
485	Mesenchymal stem cells improve intestinal integrity during severe acute pancreatitis. <i>Molecular Medicine Reports</i> , 2014 , 10, 1813-20	2.9 12
484	Beyond fibrosis: stellate cells as liver stem cells. 2015 , 53, 1425-31	7

- 483 Liver: Anatomy, Microscopic Structure, and Cell Types. **2015**, 145-160
- 482 Murine Sca1(+)Lin(-) bone marrow contains an endodermal precursor population that differentiates into hepatocytes. **2015**, 47, e187 5
- 481 Natural Killer Cells-Produced IFN- γ Improves Bone Marrow-Derived Hepatocytes Regeneration in Murine Liver Failure Model. **2015**, 5, 13687 4
- 480 Effects of transforming growth factor β 1 infected human bone marrow mesenchymal stem cells on high- and low-metastatic potential hepatocellular carcinoma. **2015**, 20, 56 10
- 479 Human adipose tissue-derived stem cells cultured in xeno-free culture condition enhance c-MYC expression increasing proliferation but bypassing spontaneous cell transformation. **2015**, 6, 76 34
- 478 In vivo hepatogenic capacity and therapeutic potential of stem cells from human exfoliated deciduous teeth in liver fibrosis in mice. **2015**, 6, 171 47
- 477 Porcine lung mesenchymal stromal cells possess differentiation and immunoregulatory properties. **2015**, 6, 222 11
- 476 The expansion of autologous adipose-derived stem cells in vitro for the functional reconstruction of nasal mucosal tissue. **2015**, 5, 54 9
- 475 A proposed novel stem cell therapy protocol for liver cirrhosis. **2015**, 24, 533-40 9
- 474 The hematopoietic stem cell number in the peripheral blood of pediatric recipients correlates with the outcome after living donor liver transplantation. **2015**, 19, 531-7 4
- 473 Prolonged survival by combined treatment with granulocyte colony-stimulating factor and dipeptidyl peptidase IV inhibitor in a rat small-for-size liver transplantation model. **2015**, 45, 804-13 3
- 472 Bone marrow-derived progenitor cells in de novo liver regeneration in liver transplant. **2015**, 21, 1186-94 7
- 471 The differentiation of human multipotent adult progenitor cells into hepatocyte-like cells induced by coculture with human hepatocyte line L02. **2015**, 88, 1-7 5
- 470 Advanced Research on Stem Cell Therapy for Hepatic Diseases: Potential Implications of a Placenta-derived Mesenchymal Stem Cell-based Strategy. **2015**, 35, 207 4
- 469 Adult stem cells: hopes and hypes of regenerative medicine. **2015**, 62, 329-37 83
- 468 Cell-based therapies of liver diseases: age-related challenges. **2015**, 10, 1909-24 12
- 467 Development of mRuby2-Transfected C3H10T1/2 Fibroblasts for Musculoskeletal Tissue Engineering. **2015**, 10, e0139054 5
- 466 CXCR4 and Glioblastoma. **2016**, 16, 59-74 35

465	SDF-1/CXCR4 Axis Promotes MSCs to Repair Liver Injury Partially through Trans-Differentiation and Fusion with Hepatocytes. 2015 , 2015, 960387	24
464	The herbal compound "diwu yanggan" modulates liver regeneration by affecting the hepatic stem cell microenvironment in 2-acetylaminofluorene/partial hepatectomy rats. 2015 , 2015, 468303	10
463	Mesenchymal Stem Cells: Rising Concerns over Their Application in Treatment of Type One Diabetes Mellitus. 2015 , 2015, 675103	40
462	Novel view of the adult stem cell compartment of germline and parental imprinting. 2015 , 2015, 1-20	
461	Identification of cancer stem cell subpopulations of CD34(+) PLC/PRF/5 that result in three types of human liver carcinomas. 2015 , 24, 1008-21	14
460	Evidence of cell fusion in carcinogen-induced mice gastric carcinoma. 2015 , 36, 5089-94	4
459	Autologous bone marrow-derived cells in the treatment of liver disease patients. 2015 , 21, 5-10	4
458	Epigenetic regulation in stem cell development, cell fate conversion, and reprogramming. 2015 , 6, 1-9	8
457	Isolation and Expansion of Hepatic Stem-like Cells from a Healthy Rat Liver and their Efficient Hepatic Differentiation of under Well-defined Vivo Hepatic like Microenvironment in a Multiwell Bioreactor. 2015 , 5, 107-22	3
456	Native extracellular matrix preserves mesenchymal stem cell "stemness" and differentiation potential under serum-free culture conditions. 2015 , 6, 235	48
455	Cancer stem cell: fundamental experimental pathological concepts and updates. 2015 , 98, 184-91	82
454	Cord Blood Content. 2015 , 9-26	
453	Bone Marrow-Derived Stem Cells and Strategies for Treatment of Nervous System Disorders: Many Protocols, and Many Results. 2015 , 21, 637-52	8
452	Therapeutic Potential of Adipose-Derived SSEA-3-Positive Muse Cells for Treating Diabetic Skin Ulcers. 2015 , 4, 146-55	65
451	Differentiation of human umbilical cord-derived mesenchymal stem cells into hepatocytes in vitro. 2015 , 25, 145-57	11
450	Efficacy of autologous mesenchymal stem cell transplantation in patients with liver cirrhosis. <i>Turkish Journal of Gastroenterology</i> , 2015 , 26, 244-50	1 26
449	CD34(+) Liver Cancer Stem Cells Were Formed by Fusion of Hepatobiliary Stem/Progenitor Cells with Hematopoietic Precursor-Derived Myeloid Intermediates. 2015 , 24, 2467-78	18
448	Application of Umbilical Cord and Cord Blood as Alternative Modes for Liver Therapy. 2015 , 223-241	

447	Epigenetic memory gained by priming with osteogenic induction medium improves osteogenesis and other properties of mesenchymal stem cells. 2015 , 5, 11056	35
446	Standardizing work as a recursive process: shaping the embryonic stem cell field. 2015 , 34, 72-88	14
445	Cell therapy for liver diseases: current medicine and future promises. 2015 , 9, 837-50	1
444	Stem Cells and Liver Regeneration. 2015 , 1429-1437	
443	Portable and quantitative evaluation of stem cell therapy towards damaged hepatocytes. 2015 , 5, 19439-19444	5
442	Translational potential of cancer stem cells: A review of the detection of cancer stem cells and their roles in cancer recurrence and cancer treatment. 2015 , 335, 135-47	91
441	REpeated AutoLogous Infusions of STem cells In Cirrhosis (REALISTIC): a multicentre, phase II, open-label, randomised controlled trial of repeated autologous infusions of granulocyte colony-stimulating factor (GCSF) mobilised CD133+ bone marrow stem cells in patients with cirrhosis. A study protocol for a randomised controlled trial. 2015 , 5, e007700	23
440	Recellularization of rat liver scaffolds by human liver stem cells. 2015 , 21, 1929-39	41
439	Epigenetic modulators promote mesenchymal stem cell phenotype switches. 2015 , 64, 190-4	9
438	Successful treatment of fibrosing cholestatic hepatitis following kidney transplantation with allogeneic hematopoietic stem cell transplantation: a case report. 2015 , 94, e480	4
437	Challenges and Prospects for Alpha-1 Antitrypsin Deficiency Gene Therapy. 2015 , 26, 709-18	15
436	Reinfusion of highly purified CD133+ bone marrow-derived stem/progenitor cells in patients with end-stage liver disease: A phase I clinical trial. 2015 , 47, 1059-66	18
435	Plasticity of hematopoietic stem cells. 2015 , 28, 73-80	8
434	Endometrial stem/progenitor cells: the first 10 years. 2016 , 22, 137-63	255
433	Engineering Mineralized and Load Bearing Tissues. 2015 ,	3
432	Stress as a fundamental theme in cell plasticity. 2015 , 1849, 371-7	18
431	Uterine-derived stem cells reconstitute the bone marrow of irradiated mice. 2015 , 24, 938-47	3
430	An in vitro model of mesenchymal stem cell targeting using magnetic particle labelling. 2015 , 9, 724-33	27

429	Regenerative Medicine. 2015 ,	
428	Osteopontin neutralisation abrogates the liver progenitor cell response and fibrogenesis in mice. 2015 , 64, 1120-31	62
427	Multipotent adult progenitor cell-loaded demineralized bone matrix for bone tissue engineering. 2016 , 10, 275-83	3
426	Interleukin-10 Contributes to Therapeutic Effect of Mesenchymal Stem Cells for Acute Liver Failure via Signal Transducer and Activator of Transcription 3 Signaling Pathway. 2016 , 129, 967-75	15
425	Therapeutic Potential of Bone Marrow-Derived Mesenchymal Stem Cells on Experimental Liver Injury Induced by Schistosoma mansoni: A Histological Study. 2016 , 9, 96-106	11
424	Human urokinase-type plasminogen activator gene-modified bone marrow-derived mesenchymal stem cells attenuate liver fibrosis in rats by down-regulating the Wnt signaling pathway. 2016 , 22, 2092-103	23
423	Mesenchymal Stromal Cells and Tissue-Specific Progenitor Cells: Their Role in Tissue Homeostasis. 2016 , 2016, 4285215	101
422	Silencing of hepatic fate-conversion factors induce tumorigenesis in reprogrammed hepatic progenitor-like cells. 2016 , 7, 96	6
421	Isolation and Characterization of Human Mesenchymal Stem Cells From Facet Joints and Interspinous Ligaments. 2016 , 41, E1-7	12
420	Muse Cells Provide the Pluripotency of Mesenchymal Stem Cells: Direct Contribution of Muse Cells to Tissue Regeneration. 2016 , 25, 849-61	67
419	Chimeric Allografts Induced by Short-Term Treatment With Stem Cell Mobilizing Agents Result in Long-Term Kidney Transplant Survival Without Immunosuppression: II, Study in Miniature Swine. 2016 , 16, 2066-76	10
418	Layering PLGA-based electrospun membranes and cell sheets for engineering cartilage-bone transition. 2016 , 10, E263-74	20
417	Intraportal mesenchymal stem cell transplantation prevents acute liver failure through promoting cell proliferation and inhibiting apoptosis. 2016 , 15, 602-611	23
416	Expansion and Hepatic Differentiation of Adult Blood-Derived CD34+ Progenitor Cells and Promotion of Liver Regeneration After Acute Injury. 2016 , 5, 723-32	6
415	Stem cell culture processes. 2016 , 355-374	
414	Very Small Embryonic Like Stem Cells (VSELs) and Their Hematopoietic Specification. 2016 , 97-110	
413	Human mesenchymal stromal cells modulate T-cell immune response via transcriptomic regulation. 2016 , 18, 1270-83	15
412	Concise Review: Updated Advances and Current Challenges in Cell Therapy for Inborn Liver Metabolic Defects. 2016 , 5, 1117-25	29

411	Effect of bovine pericardial extracellular matrix scaffold niche on seeded human mesenchymal stem cell function. 2016 , 6, 37089	26
410	Antifibrotic Activity of Human Placental Amnion Membrane-Derived CD34+ Mesenchymal Stem/Progenitor Cell Transplantation in Mice With Thioacetamide-Induced Liver Injury. 2016 , 5, 1473-1484	28
409	Combination of butylphthalide with umbilical mesenchymal stem cells for the treatment of delayed encephalopathy after carbon monoxide poisoning. 2016 , 95, e5412	14
408	Multipotent adult progenitor cells on an allograft scaffold facilitate the bone repair process. 2016 , 7, 2041731416656148	17
407	Dental Stem Cells. <i>Pancreatic Islet Biology</i> , 2016 ,	0.4 2
406	Differentiation of Bone Marrow: Derived Mesenchymal Stem Cells into Hepatocyte-like Cells. 2016 , 32, 276-83	11
405	Mesenchymal stem cells and their secreted molecules predominantly ameliorate fulminant hepatic failure and chronic liver fibrosis in mice respectively. 2016 , 14, 45	91
404	Inhibition of miR-222-3p activity promoted osteogenic differentiation of hBMSCs by regulating Smad5-RUNX2 signal axis. 2016 , 470, 498-503	35
403	miR-29c-3p promotes senescence of human mesenchymal stem cells by targeting CNOT6 through p53-p21 and p16-pRB pathways. 2016 , 1863, 520-32	34
402	Comparison of molecular profiles of human mesenchymal stem cells derived from bone marrow, umbilical cord blood, placenta and adipose tissue. 2016 , 37, 115-25	224
401	Hepatitis B Virus: Persistence and Clearance. 2016 , 123-145	1
400	Adult cell plasticity in vivo: de-differentiation and transdifferentiation are back in style. 2016 , 17, 413-25	178
399	Mesenchymal stem cells promote tumor angiogenesis via the action of transforming growth factor β . 2016 , 11, 1089-1094	41
398	The hematopoietic system in the context of regenerative medicine. 2016 , 99, 44-61	37
397	New Horizons in Pediatric Hepatology: A Glimpse of the Future. 2016 , 897-904	
396	Progress in stem cell-based therapy for liver disease. 2017 , 47, 127-141	26
395	A Novel View of the Adult Stem Cell Compartment From the Perspective of a Quiescent Population of Very Small Embryonic-Like Stem Cells. 2017 , 120, 166-178	77
394	Cell Therapy for Liver Failure: A New Horizon. 2017 , 455-474	

393	Gelatin-based 3D conduits for transdifferentiation of mesenchymal stem cells into Schwann cell-like phenotypes. 2017 , 53, 293-306	28
392	CXCL12 Promotes Stem Cell Recruitment and Uterine Repair after Injury in Asherman's Syndrome. 2017 , 4, 169-177	41
391	Development of Liver Decellularized Extracellular Matrix Bioink for Three-Dimensional Cell Printing-Based Liver Tissue Engineering. 2017 , 18, 1229-1237	172
390	Application of Stem Cells and the Factors Influence Their Differentiation in Cartilage Tissue Engineering. <i>Pancreatic Islet Biology</i> , 2017 , 1-20	0.4 1
389	Intermediate Reprogramming of Mouse Skin Fibroblasts into Stem-Like Cells by Bone Morphogenetic Protein 4. 2017 , 19, 107-115	
388	Stem Cell Sources and Types of Animal Stem Cells. 2017 , 23-26	
387	Liver Regeneration. 2017 , 113-123	5
386	Regeneration and Cell Recruitment in an Improved Heterotopic Auxiliary Partial Liver Transplantation Model in the Rat. 2017 , 101, 92-100	5
385	Sphingosine-1-Phosphate Prevents Egress of Hematopoietic Stem Cells From Liver to Reduce Fibrosis. 2017 , 153, 233-248.e16	33
384	Cell-based secondary prevention of childbirth-induced pelvic floor trauma. 2017 , 14, 373-385	12
383	Concise Review: Multifaceted Characterization of Human Mesenchymal Stem Cells for Use in Regenerative Medicine. 2017 , 6, 2173-2185	321
382	Cell Therapy in Liver Diseases. 2017 , 173-194	
381	Hepatic progenitor cell activation in liver repair. 2017 , 1, 81-87	21
380	Long-Term Follow-Up of Patients After Autologous Bone Marrow Cell Infusion for Decompensated Liver Cirrhosis. 2017 , 26, 1059-1066	9
379	Yi Guan Jian decoction may enhance hepatic differentiation of bone marrow-derived mesenchymal stem cells via SDF-1 in vitro. <i>Molecular Medicine Reports</i> , 2017 , 16, 2511-2521	2.9 2
378	Gene Delivery Approaches for Mesenchymal Stem Cell Therapy: Strategies to Increase Efficiency and Specificity. 2017 , 13, 725-740	56
377	Liver Cancer: Stem and Progenitor Cells. 2017 , 3-26	0
376	Potential of Stem Cells as Regenerative Medicine: From Preface to Advancements. 2017 , 27, 1-17	1

375	Magnetic Resonance Gd-RGD Imaging Study of Hepatocellular Carcinoma with High and Low Metastatic Potential before and after Human Bone Marrow-derived Mesenchymal Stem Cell Intervention. 2017 , 130, 2591-2600	2
374	A clinical study of bone mesenchymal stem cells for the treatment of hepatic fibrosis induced by hepatolenticular degeneration. 2017 , 16,	10
373	Organogenesis and Histologic Development of the Liver. 2017 , 909-913.e2	1
372	Developmental Biology of Stem Cells. 2017 , 1094-1104.e2	1
371	Tissue Bioengineering in Transplantation. 2017 , 181-213	
370	Cellular Mechanisms of Liver Regeneration and Cell-Based Therapies of Liver Diseases. 2017 , 2017, 8910821	50
369	Short review on human umbilical cord lining epithelial cells and their potential clinical applications. 2017 , 8, 222	13
368	Technological Advances in Organ Transplantation. 2017 ,	
367	Therapeutic Potential of Selenium Treated Stem Cells for the Reduction of Liver Fibrosis. 2017 , 07,	
366	Stem Cell Therapeutics of Acute Liver Diseases, Transplantation, and Regeneration. 2017 , 08,	
365	Thymbra Spicata Var. Intricata Induces Mesenchymal Stem Cell Proliferation and Osteogenic Differentiation. 2017 , 60,	5
364	Repopulation of Cirrhotic Liver by Hepatic Stem/Progenitor Cells. 2017 , 817-836	1
363	The differentiation and transdifferentiation of epithelial cells in vitro Is it a new strategy in regenerative biomedicine?. 2018 , 6, 27-32	5
362	Proceedings of the signature series event of the international society for cellular therapy: "Advancements in cellular therapies and regenerative medicine in digestive diseases," London, United Kingdom, May 3, 2017. 2018 , 20, 461-476	3
361	Microarray analysis after adipose derived mesenchymal stem cells injection in monosodium iodoacetate-induced osteoarthritis rats. 2018 , 40, 25-37	1
360	Therapeutic potential effect of bone marrow-derived mesenchymal stem cells on chronic liver disease in murine. 2018 , 42, 277-286	12
359	Endogenous Mobilization of Bone-Marrow Cells Into the Murine Retina Induces Fusion-Mediated Reprogramming of Müller Glia Cells. 2018 , 30, 38-51	17
358	Response of Human Fetal Liver Progenitor Cell Types to Temperature and pH Stresses In Vitro. 2018 , 21, 257-269	1

357	Critical View on Mesenchymal Stromal Cells in Regenerative Medicine. 2018 , 29, 169-190	25
356	Bone Marrow Stem Cells Do Not Contribute to Endometrial Cell Lineages in Chimeric Mouse Models. 2018 , 36, 91-102	33
355	Liver fibrosis alleviation after co-transplantation of hematopoietic stem cells with mesenchymal stem cells in patients with thalassemia major. 2018 , 97, 327-334	5
354	Cancer stem cells of hepatocellular carcinoma. 2018 , 9, 23306-23314	16
353	Cellular Transplantation-Based Therapeutic Strategies for Spinal Cord Injuries: Preclinical and Clinical Updates. 2018 ,	1
352	Promoting hepatogenic differentiation of human mesenchymal stem cells using a novel laminin-containing gelatin cryogel scaffold. 2018 , 507, 15-21	7
351	The Muse Cell Discovery, Thanks to Wine and Science. 2018 , 1103, 1-11	4
350	Characterization and potential roles of bone marrow-derived stromal cells in cancer development and metastasis. 2018 , 15, 1406-1414	7
349	Efficacy and safety of autologous stem cell transplantation for decompensated liver cirrhosis: A retrospective cohort study. 2018 , 10, 138-145	4
348	Current Perspectives Regarding Stem Cell-Based Therapy for Liver Cirrhosis. 2018 , 2018, 4197857	36
347	The development of induced pluripotent stem cell-derived mesenchymal stem/stromal cells from normal human and RDEB epidermal keratinocytes. 2018 , 91, 301-310	24
346	Revisiting the liver: from development to regeneration - what we ought to know!. 2018 , 62, 441-451	11
345	A subset of mobilized human hematopoietic stem cells express germ layer lineage genes which can be modulated by culture conditions. 2018 , 9, 127	2
344	Cartilage and facial muscle tissue engineering and regeneration: a mini review. 2018 , 1, 115-122	4
343	Molecular Basis of Liver Disease. 2018 , 417-456	
342	Chimerism. 2018 ,	
341	Cell Therapy of Liver Disease: From Hepatocytes to Stem Cells. 2019 , 229-246	1
340	Mesenchymal Stem Cells for Regenerative Medicine. <i>Cells</i> , 2019 , 8,	7.9 331

339	Cutaneous extramedullary haematopoiesis: Implications in human disease and treatment. 2019 , 28, 1201-1209	4
338	Space of Disse: a stem cell niche in the liver. 2019 , 401, 81-95	13
337	Regenerating Melanocytes: Current Stem Cell Approaches with Focus on Muse Cells. 2019 , 313-328	
336	Generation of functional hepatocyte-like cells from human bone marrow mesenchymal stem cells by overexpression of transcription factor HNF4 β and FOXA2. 2019 , 18, 546-556	9
335	Advantages of adipose tissue stem cells over CD34 mobilization to decrease hepatic fibrosis in Wistar rats. 2019 , 18, 620-626	10
334	Fasudil may induce the differentiation of bone marrow mesenchymal stem cells into neuron-like cells via the Wnt/ β catenin pathway. <i>Molecular Medicine Reports</i> , 2019 , 19, 3095-3104	2.9 5
333	Cell-Based Therapy for Degenerative Retinal Disease. <i>Pancreatic Islet Biology</i> , 2019 ,	0.4 1
332	Functional multipotency of stem cells: Biological traits gleaned from neural progeny studies. 2019 , 95, 74-83	17
331	Direct differentiation of bone marrow mononucleated cells into insulin producing cells using pancreatic β cell-derived components. 2019 , 9, 5343	2
330	Stem Cells in Liver Fibrosis: Translational Challenges and Opportunities. 2019 , 29, 599-607	
329	Mesenchymal stem cells and biologic factors leading to bone formation. 2019 , 46 Suppl 21, 12-32	21
328	Inducing differentiation of human urine-derived stem cells into hepatocyte-like cells by coculturing with human hepatocyte L02 cells. 2020 , 121, 566-573	3
327	Multipotentiality of skin-derived precursors: application to the regeneration of skin and other tissues. 2020 , 42, 5-15	3
326	Human Amniotic Epithelial Stem Cells: A Promising Seed Cell for Clinical Applications. 2020 , 21,	10
325	Topography: A Biophysical Approach to Direct the Fate of Mesenchymal Stem Cells in Tissue Engineering Applications. 2020 , 10,	27
324	Magnetic resonance imaging of umbilical cord stem cells labeled with superparamagnetic iron oxide nanoparticles: effects of labelling and transplantation parameters. 2020 , 10, 13684	14
323	Evidence for Recipient-Derived Cells in Peribiliary Glands and Biliary Epithelium of the Large Donor Bile Ducts After Liver Transplantation. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 693	5.7
322	Platelets Boost Recruitment of CD133 Bone Marrow Stem Cells to Endothelium and the Rodent Liver-The Role of P-Selectin/PSGL-1 Interactions. 2020 , 21,	1

321	Development of immortalized human hepatocyte-like hybrid cells by fusion of multi-lineage progenitor cells with primary hepatocytes. 2020 , 15, e0234002	3
320	Liver cancer stem cells as a hierarchical society: yes or no?. 2020 , 52, 723-735	8
319	The Problem of Stem Cell Definition. 2020 , 14, 169-177	0
318	The Cancer Stem Cell in Hepatocellular Carcinoma. 2020 , 12,	20
317	Alternative Cell Sources for Liver Parenchyma Repopulation: Where Do We Stand?. <i>Cells</i> , 2020 , 9, 7-9	8
316	In vitro Differentiation of Human TERT-Transfected Multi-Lineage Progenitor Cells (MLPC) into Immortalized Hepatocyte-Like Cells. 2020 , 12, 79-92	2
315	Immunoregulatory properties of mesenchymal stem cells and their application in immunotherapy. 2020 , 17-43	
314	Liver Repopulation by Cell Transplantation and the Role of Stem Cells in Liver Biology. 2020 , 550-565	1
313	Multi-Spheroid-Loaded Human Acellular Dermal Matrix Carrier Preserves Its Spheroid Shape and Improves In Vivo Adipose-Derived Stem Cell Delivery and Engraftment. 2020 , 17, 271-283	4
312	Artificial Liver. 2021 ,	0
311	Stem Cells an Overview. 2021 , 1-21	
310	Mesenchymal stem cell-derived exosomes for organ development and cell-free therapy. 2021 , 2, 1291-1325	1
309	De-osteogenic-differentiated mesenchymal stem cells accelerate fracture healing by mir-92b. 2021 , 27, 25-32	6
308	Stem cell therapy for skin regeneration using mesenchymal stem cells derived from the progeroid Werner syndrome-specific iPS cells.	
307	Isolation of human placenta-derived multipotent cells and in vitro differentiation into hepatocyte-like cells. 2007 , Chapter 1, Unit 1E.1	11
306	Ex vivo transduced liver progenitor cells as a platform for gene therapy in mice. 2004 , 40, 918-24	17
305	"Stem cells into liver"--basic research and potential clinical applications. 2006 , 585, 3-17	8
304	The Holy Grail of Hepatocyte Culturing and Therapeutic Use. 2009 , 1-38	9

303	Human embryonic stem cells--realising the potential. 2003 , 534, 11-25		2
302	Liver tissue engineering: successes & limitations. 2003 , 534, 57-67		6
301	The contribution of adult hematopoietic stem cells to retinal neovascularization. 2003 , 522, 37-45		24
300	Mechanisms of Postnatal ECell Mass Regulation. 2001 , 289-297		1
299	Paracrine Effects of Fetal Stem Cells. <i>Pancreatic Islet Biology</i> , 2016 , 47-56	0.4	1
298	Mesenchymal Stem Cells in Allogeneic Transplantation. 2003 , 151-158		2
297	Human Pluripotent Stem Cells from Bone Marrow. 2003 , 89-111		1
296	The Stem State: Stemness as a State in the Cell's Life Cycle. 2009 , 177-216		1
295	Stem Cells and Chronic Liver Failure: Potential New Therapeutics. 2011 , 109-129		1
294	Adult Stem Cell Plasticity Revisited. 2011 , 113-131		1
293	Small Animal Models of Tissue Regeneration. 2011 , 379-391		1
292	Mesenchymal stem cell therapy on murine model of nonalcoholic steatohepatitis. 2012 , 826, 217-23		2
291	Cell Therapy for Degenerative Retinal Disease: Special Focus on Cell Fusion-Mediated Regeneration. <i>Pancreatic Islet Biology</i> , 2019 , 217-244	0.4	1
290	Cementum and Periodontal Ligament Regeneration. 2015 , 881, 207-36		19
289	Essential Characteristics of Stem Cells: Self-renewal, and Plasticity. 2017 , 17-21		1
288	Autoimmune Disease. 2018 , 153-179		3
287	The differentiative and regenerative properties of human hematopoietic stem/progenitor cells in NOD-SCID/IL2rgamma(null) mice. 2008 , 324, 87-94		15
286	Bioartificial Liver. 2009 , 397-410		2

285	Stem Cells and Liver Repopulation: Current Reality and Prospects for the Future. 2004 , 41-50	1
284	Functional Multipotency of Neural Stem Cells and Its Therapeutic Implications. 2010 , 255-270	3
283	Treatment of Graft-Versus-Host Disease Using Allogeneic Mesenchymal Stem Cells. 2012 , 249-258	1
282	Conditions for growth of hepatocytes in culture. 2000 , 73-96	6
281	The Cells of Bone. 2006 , 221-258	2
280	Regenerative Medicine: Developmental Potential of Adult Stem Cells. 2006 , 337-362	1
279	PLURIPOTENT STEM CELLS. 2000 , 369-381	1
278	Liver Cell Culture and Lineage Biology. 2002 , 151-I	7
277	Derivation and Differentiation of Human Embryonic Germ Cells. 2004 , 459-470	4
276	Early Activation and Expansion of Hepatic Stem Cells. 2004 , 497-512	3
275	Stem Cells in the Gastrointestinal Tract. 2004 , 521-545	1
274	Adenocarcinoma and Other Tumors of the Stomach. 2010 , 887-906.e8	2
273	Acute Liver Failure. 2010 , 1557-1568.e3	1
272	Une cellule souche pluripotente dans le sang de l'homme adulte : vers une nouvelle voie de thérapie cellulaire pour la réparation des tissus. 2001 , 185, 567-582	1
271	Stem cells, cancer, and cancer stem cells.	3
270	Stem cells: novel players in the treatment of erectile dysfunction. 2012 , 14, 145-55	30
269	Activation of pluripotent genes in hepatic progenitor cells in the transition of nonalcoholic steatohepatitis to pre-malignant lesions. 2017 , 97, 1201-1217	12
268	Hematopoietic, vascular and cardiac fates of bone marrow-derived stem cells.	2

267	Stem/progenitor cells in liver injury repair and regeneration. 2009 , 101, 557-71		41
266	From fibroblasts and stem cells: implications for cell therapies and somatic cloning. 2005 , 17, 125-34		14
265	Human embryonic germ cell derivatives express a broad range of developmentally distinct markers and proliferate extensively in vitro. 2001 , 98, 113-8		112
264	Adult cardiac stem cells--where do we go from here?. 2003 , 2003, PE17		2
263	Multipotent adult progenitor cells from bone marrow differentiate into functional hepatocyte-like cells. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1291-1302	15.9	720
262	Multipotent adult progenitor cells from bone marrow differentiate into functional hepatocyte-like cells. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1291-302	15.9	280
261	In vivo derivation of glucose-competent pancreatic endocrine cells from bone marrow without evidence of cell fusion. <i>Journal of Clinical Investigation</i> , 2003 , 111, 843-50	15.9	179
260	Unexpected news in renal fibrosis. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1763-4	15.9	4
259	A population of c-Kit(low)(CD45/TER119)- hepatic cell progenitors of 11-day postcoitus mouse embryo liver reconstitutes cell-depleted liver organoids. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1152-63	15.9	45
258	HGF, SDF-1, and MMP-9 are involved in stress-induced human CD34+ stem cell recruitment to the liver. <i>Journal of Clinical Investigation</i> , 2003 , 112, 160-9	15.9	462
257	Glomerulosclerosis is transmitted by bone marrow-derived mesangial cell progenitors. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1649-1656	15.9	91
256	In vivo derivation of glucose-competent pancreatic endocrine cells from bone marrow without evidence of cell fusion. <i>Journal of Clinical Investigation</i> , 2003 , 111, 843-850	15.9	525
255	Hematopoietic myelomonocytic cells are the major source of hepatocyte fusion partners. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1266-70	15.9	172
254	Hepatic stem cell niches. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1874-80	15.9	95
253	Reprogramming Müller glia via in vivo cell fusion regenerates murine photoreceptors. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3104-16	15.9	47
252	Role of activin A in negative regulation of normal and tumor B lymphocytes. 2001 , 69, 867-873		7
251	Selective rescue of early haematopoietic progenitors in Scl ^{fl} mice by expressing Scl under the control of a stem cell enhancer. 2001 , 128, 4815-4827		66
250	Bone marrow-derived cells as progenitors of lung alveolar epithelium. 2001 , 128, 5181-5188		365

249	The meso-angioblast: a multipotent, self-renewing cell that originates from the dorsal aorta and differentiates into most mesodermal tissues. 2002 , 129, 2773-2783	354
248	TGF-(beta)1 maintains hematopoietic immaturity by a reversible negative control of cell cycle and induces CD34 antigen up-modulation. 2000 , 113, 383-390	114
247	Epithelial stem cell-mediated development of the human respiratory mucosa in SCID mice. 2000 , 113, 767-778	26
246	Human cord blood-derived cells attain neuronal and glial features in vitro. 2002 , 115, 2131-2138	176
245	Isolation of human progenitor liver epithelial cells with extensive replication capacity and differentiation into mature hepatocytes. 2002 , 115, 2679-2688	150
244	Peripheral blood stem cell transplantation improves liver functional reserve. 2015 , 21, 1381-6	6
243	Direct in vivo cell lineage analysis in the retrorsine and 2AAF models of liver injury after genetic labeling in adult and newborn rats. 2009 , 4, e7267	7
242	Chemically-induced cancers do not originate from bone marrow-derived cells. 2012 , 7, e30493	3
241	Immunological and regenerative aspects of hepatic mast cells in liver allograft rejection and tolerance. 2012 , 7, e37202	27
240	Differentiation and migration of bone marrow mesenchymal stem cells transplanted through the spleen in rats with portal hypertension. 2013 , 8, e83523	23
239	In vitro hepatic trans-differentiation of human mesenchymal stem cells using sera from congestive/ischemic liver during cardiac failure. 2014 , 9, e92397	10
238	Application of a novel population of multipotent stem cells derived from skin fibroblasts as donor cells in bovine SCNT. 2015 , 10, e0114423	17
237	JMJD3 aids in reprogramming of bone marrow progenitor cells to hepatic phenotype through epigenetic activation of hepatic transcription factors. 2017 , 12, e0173977	7
236	The role of stem cells in physiology, pathophysiology, and therapy of the liver. 2006 , 2, 51	1
235	Liver stem cells derived from the bone marrow and umbilical cord blood. 2009 , 2, 97-101	3
234	Hematopoietic Stem Cells and Their Roles in Tissue Regeneration. 2020 , 13, 1-12	11
233	[Mesenchymal stem cells and the immune system--immunosuppression without drugs?]. 2008 , 149, 339-46	10
232	[The role of adult bone marrow derived mesenchymal stem cells in the repair of tissue injuries]. 2012 , 153, 1807-15	1

231	HEPATIC TISSUE ENGINEERING (MODERN STATE OF THIS PROBLEM). 2014 , 16, 103-113	1
230	Bone marrow is a reservoir of repopulating mesangial cells during glomerular remodeling. 2001 , 12, 2625-2635	263
229	The potential of bone marrow-derived cells to differentiate to glomerular mesangial cells. 2001 , 12, 1401-1409	156
228	Stem cells: a journey into a new frontier. 2001 , 12, 1773-1780	13
227	Role of MicroRNA in Mesenchymal Stem Cells Differentiation Into Osteoblasts. 2013 , 1, 5-10	3
226	Hepatocyte transplantation in children with liver cell failure. 2016 , 8, 3096-3101	6
225	Future prospects of transplantation therapy for neurological diseases using adult bone marrow stromal cells. 2006 , 1, 215-226	2
224	Ameliorative effect of bone marrow-derived stem cells on injured liver of mice infected with <i>Schistosoma mansoni</i> . 2014 , 52, 151-62	8
223	[Clinical application of stem cells in liver diseases]. 2008 , 14, 309-17	11
222	Proliferation of L02 human hepatocytes in tolerized genetically immunocompetent rats. 2008 , 14, 2329-37	1
221	Stem cells, a two-edged sword: risks and potentials of regenerative medicine. 2008 , 14, 4273-9	18
220	Stem cells for liver tissue repair: current knowledge and perspectives. 2008 , 14, 864-75	55
219	Characterization and enrichment of hepatic progenitor cells in adult rat liver. 2004 , 10, 1480-6	21
218	Influence of serum from liver-damaged rats on differentiation tendency of bone marrow-derived stem cells. 2004 , 10, 2250-3	13
217	Function of oval cells in hepatocellular carcinoma in rats. 2004 , 10, 2482-7	24
216	Hepatic differentiation capability of rat bone marrow-derived mesenchymal stem cells and hematopoietic stem cells. 2004 , 10, 2818-22	68
215	Selection, proliferation and differentiation of bone marrow-derived liver stem cells with a culture system containing cholestatic serum in vitro. 2004 , 10, 3308-12	14
214	Diminution of toxic copper accumulation in toxic milk mice modeling Wilson disease by embryonic hepatocyte intrasplenic transplantation. 2005 , 11, 3691-5	9

213	Liver-specific gene expression in mesenchymal stem cells is induced by liver cells. 2005 , 11, 4497-504	78
212	Hepatocytic differentiation of mesenchymal stem cells in cocultures with fetal liver cells. 2006 , 12, 2394-7	44
211	Differentiation of human umbilical cord blood stem cells into hepatocytes in vivo and in vitro. 2006 , 12, 4014-9	38
210	Characterization of pancreatic stem cells derived from adult human pancreas ducts by fluorescence activated cell sorting. 2006 , 12, 4529-35	41
209	Stem cells and cancer: evidence for bone marrow stem cells in epithelial cancers. 2006 , 12, 363-71	73
208	Differentiation of rat bone marrow stem cells in liver after partial hepatectomy. 2006 , 12, 5051-4	8
207	Hepatogenic differentiation of human mesenchymal stem cells from adipose tissue in comparison with bone marrow mesenchymal stem cells. 2006 , 12, 5834-45	208
206	Contribution of mononuclear bone marrow cells to carbon tetrachloride-induced liver fibrosis in rats. 2007 , 13, 1851-4; discussion 1854-6	11
205	Autologous CD34+ and CD133+ stem cells transplantation in patients with end stage liver disease. 2010 , 16, 5297-305	64
204	MRI of magnetically labeled mesenchymal stem cells in hepatic failure model. 2010 , 16, 5611-5	6
203	Protective effects of ACLF sera on metabolic functions and proliferation of hepatocytes co-cultured with bone marrow MSCs in vitro. 2011 , 17, 2397-406	5
202	Therapeutic application of stem cells in gastroenterology: an up-date. 2011 , 17, 3870-80	14
201	Transplantation of microencapsulated umbilical-cord-blood-derived hepatic-like cells for treatment of hepatic failure. 2011 , 17, 938-45	16
200	Embryonic hepatocyte transplantation for hepatic cirrhosis: efficacy and mechanism of action. 2012 , 18, 309-22	8
199	Liver bioengineering: current status and future perspectives. 2012 , 18, 6926-34	23
198	Effect evaluation of interleukin-1 receptor antagonist nanoparticles for mesenchymal stem cell transplantation. 2013 , 19, 1984-91	10
197	Role of stem cells in repair of liver injury: experimental and clinical benefit of transferred stem cells on liver failure. 2013 , 19, 6757-73	42
196	Bone marrow derived stem cells for the treatment of end-stage liver disease. 2014 , 20, 9098-105	23

195	Bone marrow-derived mesenchymal stem cell therapy for decompensated liver cirrhosis: a meta-analysis. 2014 , 20, 14051-7	33
194	Targeted migration of mesenchymal stem cells modified with CXCR4 to acute failing liver improves liver regeneration. 2014 , 20, 14884-94	43
193	Autologous mobilized peripheral blood CD34(+) cell infusion in non-viral decompensated liver cirrhosis. 2015 , 21, 7264-71	14
192	Stem cell-based regenerative opportunities for the liver: State of the art and beyond. 2015 , 21, 12334-50	45
191	Combined mesenchymal stem cell transplantation and interleukin-1 receptor antagonism after partial hepatectomy. 2016 , 22, 4120-35	12
190	Transplantation of primary and reversibly immortalized human liver cells and other gene therapies in acute liver failure and decompensated chronic liver disease. 2000 , 6, 636-642	8
189	Immunohistochemical study of hepatic oval cells in human chronic viral hepatitis. 2001 , 7, 238-42	19
188	Protective effects of transplanted and mobilized bone marrow stem cells on mice with severe acute pancreatitis. 2003 , 9, 2274-7	17
187	Hepatic stem cells: existence and origin. 2003 , 9, 201-4	51
186	A selective tropism of transfused oval cells for liver. 2003 , 9, 544-6	7
185	Clinical and experimental study on therapeutic effect of umbilical cord blood transplantation on severe viral hepatitis. 2003 , 9, 1999-2003	10
184	Current Progress on Tissue Engineering of Bone and Cartilage. 2012 , 27, 1	1
183	Cellular Transplantation for Liver Diseases. 2008 , 1, 8-13	7
182	Combining acellular nerve allografts with brain-derived neurotrophic factor transfected bone marrow mesenchymal stem cells restores sciatic nerve injury better than either intervention alone. 2014 , 9, 1814-9	12
181	A Method for Reconstruction of Severely Damaged Spinal Cord using Autologous Hematopoietic Stem Cells and Platelet-rich Protein as a Biological Scaffold. 2017 , 12, 681-690	6
180	A study on the activity of dermal multipotent stem cells in initiation of wound repair. 2013 , 06, 109-115	1
179	Application of tissue engineering in stem cell therapy. 2014 , 07, 67-74	4
178	Identification of circulating CD90 CD73 cells in cirrhosis of liver. 2011 , 3, 63-9	3

177	Role of liver stem cells in hepatocarcinogenesis. 2014 , 6, 579-90	5
176	Cell fusion in the liver, revisited. 2018 , 10, 213-221	9
175	Does granulocyte-colony stimulating factor administration induce damage or repair response in schistosomiasis?. 2010 , 2, 434-41	4
174	Heart regeneration: Past, present and future. 2010 , 2, 107-11	24
173	MSCs: Is this the future therapeutic for cancer?. 2015 , 2, 161	1
172	Bone marrow cell-based regenerative therapy for liver cirrhosis. 2013 , 3, 65-9	9
171	Tissue Engineering of Craniofacial Tissues [A Review. 2013 , 2, 6	6
170	Bioartificial liver support for fulminant hepatic failure. 1999 , 5, 286-288	
169	Applications of developmental biology to medicine and animal agriculture. 2000 , 54, 213-56	
168	Cell Culture Models for Hepatotoxicology. 2001 , 83-95	
167	Plasticity of stem cells. 2001 , 1-17	
166	Hepatology. 2001 , 17, 193-196	
165	??(65???????????? : 1.????????????????). 2001 , 9, 199-207	
164	Stem Cell Culture. 2002 , 429-437	
163	Stem Cells of the Nervous System. 2002 , 235-252	
162	Tissue engineering by cell transplantation. 2002 , 29-45	
161	Stem cells for all seasons? Experimental and clinical issues. <i>Journal of the Royal Society of Medicine</i> , 2002 , 95, 5-8	2.3 2
160	Liver stem cells from an extrahepatic source. 2002 , 9, 324-325	

- 159 Stammzellmobilisation führt zur Induktion von Regeneration nach subtotaler Leberresektion und ermöglicht Langzeitüberleben in sonst letalem Modell. **2003**, 439-440
- 158 Leberregeneration. **2003**, 111-119
- 157 Erkrankungen des Blutes. **2003**, 281-408
- 156 The Potential of Stem Cell Transplantation to Rescue the Failing Liver. **2003**, 31-34
- 155 References. **2003**, 399-426
- 154 Cells. **2003**, 23-40
- 153 Hepatic tissue engineering: applications in disease treatment and liver support. **2003**, 413-426
- 152 Cell Harvest and Purification Technology [State of the Art and Future Development]. **2003**, 69-80
- 151 N/A. **2003**, 11, 1735-1737
- 150 N/A. **2003**, 11, 1738-1740
- 149 Organogenesis and Histologic Development of the Liver. **2004**, 1175-1179
- 148 Stem Cell Therapy in the Mouse Heart. **2004**, 349-361
- 147 Trachea, Bronchi, and Lungs. **2004**, 379-390
- 146 Hepatic Stem Cell Transplantation in Liver Failure. **2004**, 47, 933
- 145 Biology of Stem Cells and Stem Cell Transplantation. **2004**, 1365-1373
- 144 Promising Resources of Hepatic Progenitor Cells. **2004**, 15-25
- 143 Stem Cell Gene Therapy. **2004**, 793-804
- 142 Strategy for the Development of Cell Therapy Using Bone Marrow Cells to Repair Damaged Liver. **2004**, 51-56

- 141 Cellular Cardiomyoplasty: The Role of Bone Marrow Stromal Cells in Myocardial Tissue Regeneration. **2004**, 545-554
- 140 Spontaneous Cell Fusion. **2004**, 153-158 1
- 139 Hochdosistherapie und Stammzelltransplantation. **2004**, 535-562
- 138 An Immunohistochemical Study of c-kit+CD34+cells in Severe Liver Damage. **2004**, 16, 91-99
- 137 Stratgies de repeuplement du foie. **2005**, 189, 625-633
- 136 Our «Shagreen leather» is our problem. We have to solve it ourselves. 5. Forerunner. **2005**, 21, 230-249 2
- 135 Regulating factors for microglial activation: implication for Alzheimer's disease and brain damage. **2005**, 193-198 1
- 134 Ozone Treatment. **2005**, 1993-2001
- 133 Mesenchymal Stem Cells: Where Can You Find Them? How Can You Use Them?. **2006**, 159-168
- 132 Cell Growth and Differentiation of Different Hepatic Cells Isolated From Fetal Rat Liver in Vitro. **2006**, 060118075515004
- 131 Stem Cells and Hepatocyte Transplantation. **2006**, 177-191
- 130 Stammzellen und ihre Bedeutung für die Onkologie. **2006**, 2333-2359
- 129 The Old and New of Bone Marrow - Derived Endothelial Cell Precursors. **2006**, 45-78
- 128 Cell therapy with bone marrow cell for liver cirrhosis. **2006**, 50, 7-12
- 127 Tissue-Engineered Lung: An In Vivo and In Vitro Comparison of Polyglycolic Acid and Pluronic F-127 Hydrogel/Somatic Lung Progenitor Cell Constructs to Support Tissue Growth. **2006**, 060518070607001
- 126 Two MSCs: Marrow stromal cells and mesenchymal stem cells. **2007**, 27, 28-36
- 125 Hepatic Tissue Engineering for Adjunct and Temporary Liver Support. **2007**, 30-1-30-19
- 124 Knowledge concerning regeneration. I. New view of old problem. **2007**, 9, 373-377

- 123 Potential of Stem Cells in Liver Regeneration. **2008**, 181-192
- 122 Bioengineering in the Repair of Irradiated Normal Tissue by Bone Marrow Derived Stem Cell Populations. **2008**, 41-54
- 121 Trasplante clínico de hepatocitos. **2008**, 556-560
- 120 2 Embryologie en regeneratie. **2009**, 6-13
- 119 Introduction. **2009**, 1-7
- 118 Stem Cells and Organ Replacement. **2009**, 137-163 2
- 117 Tumor Growth and Cell Proliferation. **2009**, 19-37
- 116 Bone marrow stroma-derived adult stem cells and tissue regeneration. **2009**, 55, 474-481
- 115 Hepatic Stem Cells and Liver Development. **2009**, 439-469
- 114 Development of the Neuroendocrine Leydig Cells. **2009**, 49-87
- 113 Cancer Stem Cells: Hepatocellular Carcinoma. **2009**, 165-175
- 112 Neurotransmitters as Main Players in the Neural Differentiation and Fate Determination Game. **2010**, 115-134
- 111 Microscopic Anatomy. **2010**, 15-51
- 110 Marrow Stromal Mesenchymal Stem Cells. **2010**, 121-138
- 109 Metastasis. **2010**, 137-146 0
- 108 Hepatic Regeneration. **2010**, 157-168
- 107 Fabrication of Growth Factor Array Using an Inkjet Printer. **2010**, 203-222
- 106 Chapter 5:Cord and Cord Blood: Valuable Resources with Potential for Liver Therapy. **2010**, 89-116

105	Evaluating and Predicting Human Cytochrome P450 Enzyme Induction. 1	1
104	Overview of Stem and Artificial Cells. 1	
103	Stem Cells in Tissue Engineering and Cell Therapies of Urological Defects. 2011 , 345-362	
102	Migration of human umbilical cord blood cells into rat liver. 2010 , 3, 154-60	1
101	Mesenchymal Stem Cells for Liver Regeneration. <i>Pancreatic Islet Biology</i> , 2011 , 155-179	0.4
100	Gastrointestinal Stem Cells. <i>Pancreatic Islet Biology</i> , 2011 , 219-225	0.4
99	Hepatic Progenitors in Development and Transplantation. 2011 , 225-241	
98	Animal Studies of Cord Blood and Regeneration. 2011 , 297-305	
97	Liver. 2011 , 773-803	
96	Developmental Biology of Stem Cells. 2011 , 1459-1468	
95	Enhancing Hepatic Regeneration with Stem Cells and Portal Vein Embolization. 2011 , 279-292	
94	Organogenesis and Histologic Development of the Liver. 2011 , 1262-1266	4
93	Fundamentals and Principles of Biomolecules in Adipose Stem Cell Engineering. 2011 , 103-109	
92	Biological Repair Mechanisms. 2011 , 45-68	
91	Potential Therapeutic Targets for Cerebral Resuscitation After Global Ischemia. 2012 , 417-450	
90	Technical and Bioethical Challenges Associated with using Stem Cells for Research and Therapy. 2012 , 154-188	
89	Advances in Cell Therapy for Liver Disease. 2012 , 138-153	
88	Perinatal Stem Cells in Regenerative Medicine. 2012 , 367-382	

- 87 Mesenchymal Stem Cells for Liver Disease. **2013**, 191-197
- 86 Liver. **2013**, 929-959
- 85 Stem Cell Therapy Aided Liver Regeneration. **2013**, 411-433
- 84 Expression of hepatitis B virus 1.3-fold genome plasmid in an SV40 T-antigen-immortalized mouse hepatic cell line. **2013**, 19, 8020-7
- 83 Proliferation and Regeneration. **2013**, 31-52
- 82 Adult Liver Stem Cells. *Pancreatic Islet Biology*, **2014**, 319-338 0.4
- 81 Phenotypic Correction of Murine Hemophilia A Using Cell-Based Therapy. **2014**, 131-141
- 80 Bioengineering of Irradiated Normal Tissues by Bone Marrow Stem Cells. **2014**, 191-203
- 79 Role of MicroRNA in Mesenchymal Stem Cells Differentiation Into Osteoblasts. **2013**, 1, 5-10
- 78 The Universal Stem Cell Source: Does It Exist?. **2014**, 1-22
- 77 Regenerative Medicine and the Search for Pluripotent/Multipotent Stem Cells. *Pancreatic Islet Biology*, **2014**, 1-17 0.4
- 76 Direct Reprogramming of Amniotic Cells into Endothelial Cells. **2014**, 67-85
- 75 Stem Cell Therapy for Acute and Chronic Liver Failure. **2014**, 205-219
- 74 Differentiation of Mesenchymal Stem Cells into Hepatocyte-Like Cells by Autologous Serum after Radiofrequency Ablation of Liver Tumor. *Stem Cell Discovery*, **2014**, 04, 99-106 0.5
- 73 Cell Therapy for Liver Failure: A New Horizon. **2015**, 1-23
- 72 Therapeutic Effects of CD133+ in the Carbon Tetrachloride (CCl₄) Induced Chronic Liver Dysfunction in Rat Model. *International Journal of Pharmacology*, **2015**, 11, 359-365 0.7
- 71 Liver. **2016**, 145-177
- 70 Cell Therapy for Liver Failure: A New Horizon. **2016**, 1-23

- 69 Tissue Engineering: Liver. 8026-8036
- 68 Future Perspectives in Dental Stem Cell Engineering and the Ethical Considerations. *Pancreatic Islet Biology*, **2016**, 289-307 0.4
- 67 Liver Cancer: Stem and Progenitor Cells. **2016**, 1-25
- 66 Expansion of Cord Blood Hematopoietic Stem Cells on the Amniotic Membrane Derived Mesenchymal Stem Cells. *Biosciences, Biotechnology Research Asia*, **2017**, 14, 923-931 0.5
- 65 Exfoliated Deciduous Tooth as the Source of Stem Cells: A Technique for Proliferation and Chromosome Analysis In Vitro. *MOJ Cell Science & Report*, **2017**, 4,
- 64 Stem Cell Applications in Metabolic Disorders: Diabetes Mellitus. *Learning Materials in Biosciences*, **2020**, 193-220 0.3
- 63 Hepatic regeneration in aging: Cell type plasticity and redundancies. *Advances in Stem Cells and Their Niches*, **2020**, 127-171 0.2 0
- 62 Bone Marrow-Derived Stem Cells for Patients with Liver Cirrhosis: A Systematic Review and Meta-analysis. *Turkish Journal of Gastroenterology*, **2021**, 32, 896-906 1
- 61 Liver regeneration with the resolution of fibrosis by bone marrow cell infusion therapy. **2007**, 9-20
- 60 Bone Marrow Derived Stem Cells for Myocardial Regeneration: Clinical Experience, Surgical Delivery. **2006**, 159-168
- 59 Hepatic stem cells and hepatocyte transplantation: future therapeutic applications. 158-171
- 58 Human hepatocyte transplantation. 91-101
- 57 Liver stem cells. 105-131
- 56 Latest experimental models in hepatocyte transplantation. 79-90
- 55 Grundlagen der Hämatoese. **2005**, 271-274
- 54 Postmodern Biology: (Adult) (Stem) Cells Are Plastic, Stochastic, Complex, and Uncertain. **2006**, 389-408 3
- 53 Stem cell transplantation. 161-172
- 52 Glomerulosclerosis is transmitted by bone marrow-derived mesangial cell progenitors. *Journal of Clinical Investigation*, **2001**, 108, 1649-56 15.9 36

51	Stem Cells and the Art of Mesenchymal Maintenance. 2007 , 1-16		
50	Stem Cell Therapy in Liver Disease. 2006 , 433-439		
49	Grundlagen der Hämatoese. 2007 , 304-307		
48	Stammzellentherapie [Frischzellentherapie der Zukunft?]. 2007 , 173-188		
47	Was ist Alter? Ein Mensch ist so alt wie seine Stammzellen. 2008 , 33-46		
46	Liver Regeneration and Tissue Engineering. 2021 , 73-94		
45	New therapeutic approaches for cystic fibrosis lung disease. <i>Journal of the Royal Society of Medicine</i> , 2002 , 95 Suppl 41, 58-67	2.3	1
44	The new stem cell biology. <i>Transactions of the American Clinical and Climatological Association</i> , 2002 , 113, 182-206; discussion 206-7	0.9	12
43	Genetic programme of cardiogenesis: implications for therapeutic application. <i>Netherlands Heart Journal</i> , 2004 , 12, 13-17	2.2	
42	Bone marrow derived stem cells in regenerative medicine as advanced therapy medicinal products. <i>American Journal of Translational Research (discontinued)</i> , 2010 , 2, 285-95	3	19
41	Diabetes and aging alter bone marrow contributions to tissue maintenance. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2009 , 2, 20-28	3.4	5
40	Stem cells and aging: a chicken-or-the-egg issue?. 2012 , 3, 260-8		9
39	The use of cellular technologies in treatment of liver pathologies. <i>Acta Naturae</i> , 2012 , 4, 16-30	2.1	
38	Hepatic tissue engineering using scaffolds: state of the art. <i>Avicenna Journal of Medical Biotechnology</i> , 2009 , 1, 135-45	1.4	12
37	Combination of stem cell mobilized by granulocyte-colony stimulating factor and human umbilical cord matrix stem cell: therapy of traumatic brain injury in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2011 , 14, 327-39	1.8	10
36	Comparison of proliferative and multilineage differentiation potential of sheep mesenchymal stem cells derived from bone marrow, liver, and adipose tissue. <i>Avicenna Journal of Medical Biotechnology</i> , 2013 , 5, 104-17	1.4	45
35	Transdifferentiation between bone and fat on bone metabolism. <i>International Journal of Clinical and Experimental Pathology</i> , 2014 , 7, 1834-41	1.4	13
34	Antioxidant Effects of Bone Marrow Mesenchymal Stem Cell against Carbon Tetrachloride-Induced Oxidative Damage in Rat Livers. <i>International Journal of Organ Transplantation Medicine</i> , 2014 , 5, 166-73 ^{0.7}		25

33	Autologous Bone Marrow Stem Cell Transplantation in Liver Cirrhosis after Correcting Nutritional Anomalies, A Controlled Clinical Study. <i>Cell Journal</i> , 2019 , 21, 268-273	2.4	2
32	Novel view of the adult stem cell compartment - a developmental story of germline and parental imprinting. 2019 , 7,		
31	New Horizons in Paediatric Hepatology: A Glimpse of the Future. 2022 , 1063-1069		
30	Phenotypic and functional properties of dedifferentiated fat cells derived from infrapatellar fat pad.. <i>Regenerative Therapy</i> , 2022 , 19, 35-46	3.7	0
29	Operational tolerance is early acquired and long maintained in 50% liver allograft transplantation.		
28	Functional characterization of CD49f hepatic stem/progenitor cells in adult mice liver.. <i>Journal of Molecular Histology</i> , 2022 , 1	3.3	
27	Role of Immune Cells in Biliary Repair.. <i>Frontiers in Immunology</i> , 2022 , 13, 866040	8.4	1
26	Integrative Single-Cell RNA-Seq and ATAC-Seq Analysis of Mesenchymal Stem/Stromal Cells Derived from Human Placenta.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 836887	5.7	0
25	Immunomodulatory Activity of Granulocyte Colony-Stimulating Factor and its Therapeutic Effect on Liver Failure. <i>Infectious Diseases & Immunity</i> , 2022 , 2, 42-48		
24	Stem Cells From Human Exfoliated Deciduous Teeth Alleviate Liver Cirrhosis via Inhibition of Gasdermin D-Executed Hepatocyte Pyroptosis. <i>Frontiers in Immunology</i> , 2022 , 13,	8.4	
23	The Instrument of Cell Separation for Regenerative Medicine(Special Issue : Regenerative Medicine and Medical Instruments). <i>Ika Kikaigaku</i> , 2002 , 72, 310-315		
22	Hepatocyte differentiation of mesenchymal stem cells (literature review). <i>Problemy Zdorov'ya i Biologii</i> , 2013 , 29-35	0.2	
21	Roles of circular RNAs in osteogenic differentiation of bone marrow mesenchymal stem cells (Review).. <i>Molecular Medicine Reports</i> , 2022 , 26,	2.9	
20	Rol' stvolovogo potentsiala v mekhanizmaxh regeneratsii pecheni (obzor literatury). 2022 ,		
19	Human Stem Cell Differentiation In Vivo in Large Animals. 2022 , 1-24		
18	Liver Regeneration by Hematopoietic Stem Cells: Have We Reached the End of the Road?. <i>Cells</i> , 2022 , 11, 2312	7.9	0
17	The Mesenchymal-Epithelial Transition and Metaplasia. 2022 , 16, 4		
16	Reproductive Cloning. 2022 , 218-253		

- 15 Adult Stem Cell Therapy as Regenerative Medicine for End-Stage Liver Disease. **2022**, 0
- 14 Achieving permanent transplant tolerance via reverse chimeras in orthotopic liver transplantation. 0
- 13 The universal stem cell. 0
- 12 THE ROLE OF STEM CELLS IN LIVER REGENERATION AND PROSPECTS OF THEIR USE IN THE TREATMENT OF LIVER IMPAIRMENT (literature review). **2012**, 7-13 0
- 11 Human Stem Cell Differentiation In Vivo in Large Animals. **2022**, 921-944 0
- 10 Targeted Therapies for Hepatocellular Carcinoma Treatment: A New Era Ahead? A Systematic Review. **2022**, 23, 14117 1
- 9 The Long Telling Story of Endothelial Progenitor Cells—Where Are We at Now?. **2023**, 12, 112 1
- 8 Regenerative medicine: going beyond transplantology. **2022**, 6-13 0
- 7 Stem Cells in Skeletal Muscle. **2004**, 37-50 0
- 6 CINC-2 and miR-199a-5p in exosomes secreted by transplanted Thy1+ cells activate hepatocytic progenitor cell growth in rat liver regeneration. 0
- 5 The self-renewal procedures of mesenchymal stem cells in the blood. 0
- 4 Therapeutic Cell Repopulation of the Liver: From Fetal Rat Cells to Synthetic Human Tissues. **2023**, 12, 529 0
- 3 Panic at the Bile Duct. **2023**, 0
- 2 Phenomenology of an In-host Model of Hepatitis C. **2023**, 22, 0
- 1 CINC-2 and miR-199a-5p in EVs secreted by transplanted Thy1+ cells activate hepatocytic progenitor cell growth in rat liver regeneration. **2023**, 14, 0