

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
	Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open
1	US20050014258	USPN 7736895	1/20/2005	Methods for altering cell fate	SANFORD APPLIED BIOSCIENCES, L.L.C. (SIOUX FALLS, SD)	SANFORD APPLIED BIOSCIENCES, L.L.C. (SIOUX FALLS, SD)	X			X		Neural-like cell	Fibroblast			X			X				X (cell extract)
2	US20040072288	USPN 7491534	4/15/2004	Methods for altering cell fate to generate T-cells specific for an antigen of interest	SANFORD APPLIED BIOSCIENCES, L.L.C. (SIOUX FALLS, SD)	SANFORD APPLIED BIOSCIENCES, L.L.C. (SIOUX FALLS, SD)	X			X			Fibroblast										X (uses cell extracts)
3	US20110275105	pending	11/10/2011	Methods of inducing pluripotency	Academia Sinica	Academia Sinica	X			X						X	X	X		X			X
4	US20030229908	USPN 7696404	12/11/2003	Embryonic or stem-like cell lines produced by cross species nuclear transplantation and methods for enhancing embryonic development by genetic alteration of donor cells or by tissue culture conditions	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X			X		Blastocyst	Human cell into rabbit oocyte										X (nuclear transfer)
5	US20080076176	pending	3/27/2008	De-differentiation and re-differentiation of somatic cells and production of cells for cell therapies	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X		X (withdrawn claim)	X						X					X (currently withdrawn)		X (cell extracts)
6	US20100167404	pending	7/1/2010	Methods of Reprogramming Animal Somatic Cells	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X			X						X		X					
7	US20100240132	pending	9/23/2010	HIGHLY EFFICIENT METHODS FOR REPROGRAMMING DIFFERENTIATED CELLS AND FOR GENERATING ANIMALS AND EMBRYONIC STEM CELLS FROM REPROGRAMMED CELLS	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X			X													
8	US20110143441	pending	6/16/2011	Methods of Reprogramming Animal Somatic Cells	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X			X						X		X	X				
9	US20110171185	pending	7/14/2011	Genetically intact induced pluripotent cells or transdifferentiated cells and methods for the production thereof	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X		X	X						X	X	X					
10	US20110286978	pending	11/24/2011	Genetically Intact Induced Pluripotent Cells Or Transdifferentiated Cells And Methods For The Production Thereof	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X		X	X	X			X		X	X	X		X			protein
11	US20120184035	pending	7/19/2012	Methods and Compositions For Reprogramming Cells	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	ADVANCED CELL TECHNOLOGY, INC. (Worcester MA)	X			X			Muscle (cardiac, skeletal, smooth muscle)										
12	US20110171183	pending	7/14/2011	Markers of Induced Pluripotent Stem Cells	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (Singapore, SG)	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (Singapore, SG)	X		X	X											X		X
13	US20120189596	pending	7/26/2012	NUCLEAR RECEPTOR AND MUTANT THEREOF AND THE USE OF THE SAME IN THE REPROGRAMMING OF CELLS	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (Singapore, SG)	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (Singapore, SG)	X			X						X	X	X					X
14	US20040009595	USPN 7138275	1/15/2004	Dedifferentiated, programmable stem cells of monocytic origin, and their production and use	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	X	X	X (pharmaceutical composition)			Programmable cell, ability to differentiate into neuron, glial, endothelial, adipocyte, hepatocyte, keratinocyte and insulin-producing cell	Monocyte								X		X
15	US20050221483	USPN 7553663	10/6/2005	Dedifferentiated, programmable stem cells of monocytic origin, and their production and use	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	Blasticon Biotechnologische Forschung GmbH, Keil (DE)		X				Hepatocyte-like cell	Monocyte	X (method of treating hepatocyte disorders)	X (in implantable material)				X				
16	US20050233447	USPN 7553660	10/20/2005	Dedifferentiated, programmable stem cells of monocytic origin, and their production and use	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	X					Hepatocyte-like cell							X	X			X
17	US20060078989	USPN 7517686	4/13/2006	Dedifferentiated, programmable stem cells of monocytic origin, and their production and use	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	Blasticon Biotechnologische Forschung GmbH, Keil (DE)	X			X		Dedifferentiated cell	Monocyte	X (implantable material)					X				X
18	US20110236966	pending	9/29/2011	SINGLE LENTIVIRAL VECTOR SYSTEM FOR INDUCED PLURIPOTENT (IPS) STEM CELLS DERIVATION	BOSTON MEDICAL CENTER CORPORATION (Boston, MA, US)	BOSTON MEDICAL CENTER CORPORATION (Boston, MA, US)	X		X							X	X	X		X		X	X (lentivirus vector)
19	US20100330677	pending	12/30/2010	Improved Reprogramming of Mammalian Cells, and Cells Obtained	Cambridge Enterprise Limited (Cambridge, GB)	Cambridge Enterprise Limited (Cambridge, GB)	X		X	X						X	X	X	X	X	X	X	X
20	US20110190152	pending	8/4/2011	PLURIPOTENCY ASSOCIATED EPIGENETIC FACTOR	Cambridge Enterprise Limited (Cambridge GB)	Cambridge Enterprise Limited (Cambridge GB)	X			X													
21	US20110143436	pending	2011-06-16	COMPOSITIONS AND METHODS FOR REPROGRAMMING EUKARYOTIC CELLS	CellScript, Inc. (Madison, WI)	CellScript, Inc. (Madison, WI)	X			X						X	X	X	X				
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Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open	
23	US20100003757	pending	1/7/2010	METHODS FOR THE PRODUCTION OF IPS CELLS USING NON-VIRAL APPROACH	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X	X	X						X	X	X		X			X minimizes foreign viral DNA	
24	US20100041054	pending	2/18/2010	METHODS FOR THE PRODUCTION OF IPS CELLS	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X	X Reprogramming vector	X		fibroblasts, hematopoietic cells, or mesenchymal cells				X	X	X		X	X	X retroviral vector	X	
25	US20110104125	pending	5/5/2011	EPISOMAL REPROGRAMMING WITH CHEMICALS	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X	X	X		somatic cell, e.g. fibroblast, keratinocyte, hematopoietic cell, mesenchymal cell, adipose cell, endothelial cell, neural cell, muscle, mammary, liver, kidney, skin, digestive tract cell, coliform, gland, or pancreatic islet cell						X		X				
26	US20120009676	pending	1/12/2012	GENERATION OF INDUCED PLURIPOTENT STEM CELLS FROM SMALL VOLUMES OF PERIPHERAL BLOOD	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X		X		blood cells	blood			X	X	X	X		X			
27	US20120058562	pending	3/8/2012	REPROGRAMMING IMMORTALIZED B CELLS	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X		X		B cell	blood										X	
28	US20120135525	pending	5/31/2012	REPROGRAMMING T CELLS AND HEMATOPOIETIC CELLS	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X		X		T cells/CD34				X								X
29	US20120171771	pending	7/5/2012	MODIFIED IPS CELLS HAVING A MUTANT FORM OF A HUMAN IMMUNODEFICIENCY VIRUS (HIV) CELLULAR ENTRY GENE	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	CELLULAR DYNAMICS INTERNATIONAL, INC. (Madison, WI, US)	X	X	X														X
30	US20120046346	pending	2/23/2012	SUSTAINED POLYPEPTIDE EXPRESSION FROM SYNTHETIC, MODIFIED RNAS AND USES THEREOF	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)		X	X						X	X	X			X			
31	US20120322864	pending	12/20/2012	SUSTAINED POLYPEPTIDE EXPRESSION FROM SYNTHETIC, MODIFIED RNAS AND USES THEREOF	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)		X	X						X	X	X	X					X
32	US20120322865	pending	12/20/2012	SUSTAINED POLYPEPTIDE EXPRESSION FROM SYNTHETIC, MODIFIED RNAS AND USES THEREOF	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)		X	X						X	X	X						X
33	US20110256894	pending	9/29/2011	SELECTIVE OXIDATION OF 5-METHYLCTYOSINE BY TET-FAMILY PROTEINS	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)	IMMUNE DISEASE INSTITUTE, INC. (Boston, MA, US)	X		X		Fibroblast				X	X	X				X		X
34	US20110159592	pending	6/30/2011	COMPOSITION FOR REPROGRAMMING SOMATIC CELLS TO GENERATE INDUCED PLURIPOTENT STEM CELLS, COMPRISING Oct4 IN COMBINATION WITH Bmi1 OR ITS UPSTREAM REGULATOR, AND METHOD FOR GENERATING INDUCED PLURIPOTENT STEM CELLS USING THE SAME	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION (Seoul, KR)	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION (Seoul, KR)	X	X	X					X			X	X	X	X	X	X uses MMV retrovirus	X
35	US20110275157	pending	11/10/2011	COMPOSITION FOR REPROGRAMMING SOMATIC CELLS TO GENERATE INDUCED PLURIPOTENT STEM CELLS, COMPRISING Bmi1 AND LOW MOLECULAR WEIGHT SUBSTANCE, AND METHOD FOR GENERATING INDUCED PLURIPOTENT STEM CELLS USING	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION (Seoul, KR)	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION (Seoul, KR)	X	X	X										X				X
36	US20090047263	USPN 8278104	2/19/2009	Nuclear reprogramming factor and induced pluripotent stem cells	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X	X	X						X	X	X	X	X				X
37	US20090068742	USPN 8048999	3/12/2009	Nuclear Reprogramming Factor	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X	X	X						X	X	X	X	X				X

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	Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell claim	epi	chrom	open
1	US20090191159	USPN 8211697	7/30/2009	Multipotent/pluripotent cells and methods	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X		X	X		Sources skin fibroblasts, PBM cells, bone marrow-derived mononuclear cells, endothelial cells, smooth muscle cells, skeletal muscle cells, adipose cells.	Dftr. cells pancreatic beta cell, a neural stem cell, a dopaminergic neuron, an oligodendrocyte, a hepatocyte, or a cardiac muscle cell.		X	X	X			X	X can be delivered via adenov	X can be delivered by lenti or retrovirus	X
38	US20090227032	pending	9/10/2009	Nuclear reprogramming factor and induced pluripotent stem cells	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X		X	X						X	X	X					X
39	US20090246875	pending unpublished related app. 13/313670	10/1/2009	Efficient method for nuclear reprogramming	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X						X	X	X					X
40	US20090299763	pending	12/3/2009	METHODS OF CELL-BASED TECHNOLOGIES	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)					X Service for providing iPS cells				X	X	X						X
41	US20090324559	8257941	12/31/2009	METHODS AND PLATFORMS FOR DRUG DISCOVERY USING INDUCED PLURIPOTENT STEM	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)		X			X drug discovery				X	X							X
42	US20100062533	USPN 8058065	3/1/2010	Nuclear reprogramming factor and induced pluripotent stem cells	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X	X						X
43	US20100216236	USPN 8129187	8/26/2010	Nuclear reprogramming factor and induced pluripotent stem cells	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X	X						X
44	US20110033936	pending	2/10/2011	CANINE IPS CELLS AND METHOD OF PRODUCING SAME	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X		canine somatic cell; fibroblast, adipose			X	X	X					X	
45	US20110039338	pending	2/17/2011	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X	X						X
46	US20110039332	pending	2/17/2011	HUMAN PLURIPOTENT STEM CELLS INDUCED FROM UNDIFFERENTIATED STEM CELLS DERIVED FROM A HUMAN POSTNATAL TISSUE	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X		X	X		neonatal skin or a blood vessel derived from the umbilical cord			X	X	X	X	X				X
47	US20110223669	pending and allowed	9/15/2011	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X	X						
48	US20110250692	pending and allowed	10/13/2011	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X						X	X	X
49	US20120070896	pending	3/22/2012	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS AND METHOD FOR CULTURING THE SAME	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X							X
50	US20120156684	pending	6/21/2012	SELECTION METHOD OF INDUCED PLURIPOTENT STEM CELLS	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X					X	X	X						
51	US20120276636	pending	11/1/2012	METHOD FOR IMPROVING INDUCED PLURIPOTENT STEM CELL GENERATION EFFICIENCY	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X							X						X
52	US20130059386	pending	3/7/2013	INDUCED PLURIPOTENT STEM CELLS PRODUCED WITH OCT3/4, KLF AND SOX	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X	X				X	X	X						
53	US20130065311	pending	3/14/2013	METHOD OF NUCLEAR REPROGRAMMING	KYOTO UNIVERSITY (Kyoto-shi, JP)	KYOTO UNIVERSITY (Kyoto-shi, JP)	X			X		iPS	somatic cell		X	X	X				X	X	X
54	US20080274914	USPN 7964401	11/6/2008	Screening Method for Somatic Cell Nuclear Reprogramming Substance	KYOTO UNIVERSITY (Kyoto-shi, JP);	KYOTO UNIVERSITY (Kyoto-shi, JP); DAINIPPON SUMITOMO PHARMA CO., LTD. (OSAKA, JP);	X			X	X		Mouse cells										X (knock-in techniques)
55	US20110201110	pending	8/18/2011	EFFICIENT METHOD FOR ESTABLISHING INDUCED PLURIPOTENT STEM CELLS	KYOTO UNIVERSITY (Kyoto-shi, JP);	KYOTO UNIVERSITY (Kyoto-shi, JP); Gifu UNIVERSITY (Gifu-shi, JP);	X			X		dental pulp stem cells			X	X	X						
56	US20120214240	pending	8/23/2012	VECTORS FOR GENERATING PLURIPOTENT STEM CELLS AND METHODS OF PRODUCING PLURIPOTENT STEM CELLS USING THE SAME	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (Tokyo, JP)	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (Tokyo, JP)	X		X	X					X	X	X						
57	US20100311171	pending and allowed	12/9/2010	VECTORS FOR GENERATING PLURIPOTENT STEM CELLS AND METHODS OF PRODUCING PLURIPOTENT STEM CELLS USING THE SAME	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (Tokyo, JP)	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (Tokyo, JP)	X		X	X					X	X	X		X		X (transient infection with Sendai virus)		
58	US20120122214	pending	5/17/2012	METHOD FOR PRODUCING CELL MEDICINE	NATIONAL UNIVERSITY CORPORATION KUMAMOTO UNIVERSITY (Kumamoto, JP)	NATIONAL UNIVERSITY CORPORATION KUMAMOTO UNIVERSITY (Kumamoto, JP)	X			X		Produce phagocytes											X
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Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open
US20120220034	pending	8/30/2012	Methods for Reprogramming Cells and Uses Thereof	New World Laboratories Inc. (Laval, CA)	New World Laboratories Inc. (Laval, CA)	X			X													X
US20120288936	pending	11/15/2012	METHODS FOR REPROGRAMMING CELLS AND USES THEREOF	New World Laboratories Inc. (Laval, CA)	New World Laboratories Inc. (Laval, CA)	X			X													X
US20120052505	pending	3/1/2012	METHODS FOR DETECTING EMBRYONIC STEM CELLS, INDUCED PLURIPOTENT STEM CELLS, OR CELLS UNDERGOING REPROGRAMMING TO PRODUCE INDUCED PLURIPOTENT STEM CELLS	NEW YORK UNIVERSITY (New York, NY, US); Agency for Science, Technology and Research (A*STAR) (Singapore, SG); NATIONAL UNIVERSITY OF SINGAPORE (Singapore, SG)	NEW YORK UNIVERSITY (New York, NY, US); Agency for Science, Technology and Research (A*STAR) (Singapore, SG); NATIONAL UNIVERSITY OF SINGAPORE (Singapore, SG)	X				X												
US20070032447	USPN 7601699	2/8/2007	Production of reprogrammed cells with restored potential	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NuPotential, Inc. (Baton Rouge, LA, US)	X			X			Eukaryotic cell									X (siRNA used to suppress expression)	X
US20090253203	pending	10/8/2009	Reprogramming a Cell by Inducing a Pluripotent Gene Through Use of a Small Molecule Modulator	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NuPotential, Inc. (Baton Rouge, LA, US)	X			X					X					X			X
US20090269763	8357666	10/29/2009	Reprogramming a cell by inducing a pluripotent gene through RNA interference	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NuPotential, Inc. (Baton Rouge, LA, US)	X			X					X					X			X
US20090275032	pending	11/5/2009	Reprogramming a cell by inducing a pluripotent gene through use of an HDAC modulator	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NuPotential, Inc. (Baton Rouge, LA, US)	X			X					X					X (currently withdrawn)			X
US20100159459	pending	6/24/2010	PRODUCTION OF REPROGRAMMED CELLS WITH	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	X			X													X
US20110059526	pending	3/10/2011	REPROGRAMMING A CELL BY INDUCING A PLURIPOTENT GENE THROUGH USE OF AN HDAC MODULATOR	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	NUPOTENTIAL, INC. (Baton Rouge, LA, US)	X		(withdrawn)	X					X			X		(withdrawn)			
US20100008891	pending	1/14/2010	Production of Pluripotent Cells Through Inhibition of Bright/Artd3a Function	Oklahoma Medical Research Foundation; NIH	Oklahoma Medical Research Foundation; NIH	X			X		Fat, neuronal, pancreatic, hematopoietic, muscle, or endothelial cell phenotype	Bone marrow, fibroblast, spleen, peripheral blood cell								X	X	X
US20120156778	pending	6/21/2012	METHOD FOR EFFICIENT PRODUCTION OF INDUCED PLURIPOTENT STEM CELLS UTILIZING CELLS DERIVED FROM ORAL MUCOSA	OSAKA UNIVERSITY (Osaka, JP)	OSAKA UNIVERSITY (Osaka, JP)	X			X		gingival fibroblasts	oral mucosa		X	X							X
US20100093090	pending	4/15/2010	METHOD AND KIT FOR EFFICIENT REPROGRAMMING OF SOMATIC CELLS	PEKING UNIVERSITY (BEIJING, CN) BEIJING HUA YUAN BO CHUANG TECHNOLOGY CO., LTD. (BEIJING, CN)	PEKING UNIVERSITY (BEIJING, CN) BEIJING HUA YUAN BO CHUANG TECHNOLOGY CO., LTD. (BEIJING, CN)	X	X		X					X	X	X		X				X
US20120021519	pending	1/26/2012	EFFICIENT INDUCTION OF PLURIPOTENT STEM CELLS USING SMALL MOLECULE COMPOUNDS	PRESIDENTS AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	PRESIDENTS AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	X			X					X	X	X						X
US20110280842	pending	11/17/2011	METHODS OF REPROGRAMMING CELLS	PRESIDENTS AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	PRESIDENTS AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US) HOWARD HUGHES MED INST; NIH	X	X	X	X			endoderm	X							X		
US20120100569	pending	4/26/2012	SUPERCHARGED PROTEINS FOR CELL PENETRATION	PRESIDENTS AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	Presidents and Fellows of Harvard College; Howard Hughes Medical Inst.; NIH	X			X											X		
US20120095188	pending	4/19/2012	ESTABLISHMENT OF INDUCED PLURIPOTENT STEM CELL USING CELL-PERMEABLE REPROGRAMMING TRANSCRIPTION FACTOR FOR CUSTOMIZED STEM CELL	PROCELL THERAPEUTICS INC. (Seoul, KR)	PROCELL THERAPEUTICS INC. (Seoul, KR)	X		X	X					X	X	X						X
US20110231944	pending	9/22/2011	B CELL-DERIVED IPS CELLS AND APPLICATION THEREOF	RIKEN (Wako-shi, JP)	RIKEN (Wako-shi, JP)	X			X		B cell			X	X	X						
US20110236362	pending	9/29/2011	NKT CELL-DERIVED IPS CELLS AND NKT CELLS DERIVED	RIKEN (Wako-shi, JP)	RIKEN (Wako-shi, JP)	X	X	X	X		NKT cell, fibroblast		X		X	X	X	X	X			
US20120129835	pending	5/24/2012	SCHIZOPHRENIA METHODS AND COMPOSITIONS	SALK INSTITUTE FOR BIOLOGICAL STUDIES (La Jolla, CA, US)	SALK INSTITUTE FOR BIOLOGICAL STUDIES (La Jolla, CA, US)	X				X												
US20110044961	pending	2/24/2011	Generation of Induced Pluripotent Stem Cells from Cord Blood	SALK INSTITUTE FOR BIOLOGICAL STUDIES (La Jolla, CA, US)	SALK INSTITUTE FOR BIOLOGICAL STUDIES (La Jolla, CA, US) Center of Regenerative Medicine (Barcelona, ES)	X		X	X			cord blood stem cell		X	X	X		X				X
US20090092616	USPN 8071378	4/9/2009	ZNF206: A Novel Regulator of Embryonic Stem Cell Self-renewal and Pluripotency	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE (La Jolla, CA, US)	Burnham Institute For Medical Research (La Jolla, CA, US)	X			X			Embryonic stem cell		X								X (retrovirus)
US20120213746	pending	8/23/2012	METHOD AND COMPOUNDS FOR GENERATION OF iPSCs	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE (La Jolla, CA, US)	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE (La Jolla, CA, US)	X			X					X	X	X						X
US20110110899	pending	5/12/2011	Combined Chemical and Genetic Approaches for Generation of Induced Pluripotent Stem Cells	SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	X		X	X					X	X	X		X				X

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	Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell	epi	chrom	open	
1	US2012056626	pending	10/20/2011	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS WITH HIGH EFFICIENCY AND INDUCED POLURIPOTENT STEM CELLS PRODUCED THEREBY	SEOUL NATIONAL UNIVERSITY HOSPITAL (Seoul, KR)	SEOUL NATIONAL UNIVERSITY HOSPITAL (Seoul, KR)	X		X	X									X	X			X	
83	US20100227396	pending	9/9/2010	Embryonic Stem Cell-Like Cells	Seoul National University Industry Foundation (Seoul, KR)	Seoul National University Industry Foundation (Seoul, KR)	X		X	X			ovary, bone marrow, peripheral blood, umbilical cord blood, amniotic fluid, brain, blood vessel, skeletal muscle, epithelia of skin or gastrointestinal tract, cornea, dental pulp of tooth, retina, liver, spleen or			X							X	
84	US20110223670	pending and allowed	9/15/2011	ETS2 AND MESP1 GENERATE CARDIAC PROGENITORS FROM FIBROBLASTS	Texas Heart Institute (Houston, TX, US); University of Houston (Houston, TX, US); The Texas A&M University System (College Station, TX, US)	Texas Heart Institute (Houston, TX, US); University of Houston (Houston, TX, US); The Texas A&M University System (College Station, TX, US)	X			X		fibroblast												
85	US20120213738	pending	8/23/2012	Cardiac Repair By Reprogramming of Cardiac Fibroblasts Into Cardiomyocytes	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, NIH	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, NIH	X	X				cardiac fibroblasts	heart	X					X		X	X	X	X
86	US20110244566	pending	10/6/2011	Enhanced efficiency of induced pluripotent stem cell generation	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	X			X						X	X	X		X				
87	US20120141441	pending	6/7/2012	Methods and Compositions for Treatment of Muscular Dystrophy	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	X			X												X		
88	US20120220030	pending	8/30/2012	Enhanced Efficiency of Induced Pluripotent Stem Cell Generation from Human Somatic Cells	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	X			X		fibroblasts	skin			X	X	X						X
89	US20120208232	pending	8/16/2012	Cell-Free Synthesis of Active Reprogramming Transcription Factors	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY (CA)	X			X						X	X	X						
90	US20100304489	pending	2010-12-02	METHODS AND COMPOSITIONS FOR HOMOLOGOUS RECOMBINATION IN HUMAN	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US)	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US)	X		X							X	X	X						
91	US8298825	patented	10/30/2012	TGF-beta receptor inhibitors to enhance direct reprogramming	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US)	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); NIH	X			X						X		X	X					X
92	US20100062534	pending	3/11/2010	INDUCIBLE LENTIVIRAL VECTORS FOR REPROGRAMMING SOMATIC CELLS	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); PRESIDENT AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); PRESIDENT AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	X		X	X		fibroblast cells, keratinocytes				X	X	X		X		X		
93	US20100184051	pending	7/22/2010	METHODS OF GENERATING PLURIPOTENT CELLS FROM SOMATIC CELLS	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); PRESIDENT AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); PRESIDENT AND FELLOWS OF HARVARD COLLEGE (Cambridge, MA, US)	X			X						X	X	X				X		X
94	US20120009158	pending	1/12/2012	VENTRICULAR INDUCED PLURIPOTENT STEM (ViPS) CELLS FOR GENERATION OF AUTOLOGOUS VENTRICULAR CARDIOMYOCYTES AND USES THEREOF	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US)	THE GENERAL HOSPITAL CORPORATION (Boston, MA, US); NIH	X		X	X	X	Ventricular cardiomyocyte	fibroblast, a skin fibroblast or cardiac fibroblast, or a cardiomyocyte			X	X	X	X	X				X
95	US20120128655	pending	5/24/2012	INDUCED PLURIPOTENT STEM CELLS	The McLean Hospital Corporation, NIH	The McLean Hospital Corporation, NIH	X			X						X								
96	US20110318830	pending	12/29/2011	COMPOSITIONS AND METHODS FOR RE-PROGRAMMING AND RE-DIFFERENTIATING CELLS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	X		X	X						X		X						X
97	US20120207723	pending	8/16/2012	COMPOSITIONS AND METHODS FOR GENERATING INDUCED PLURIPOTENT STEM CELLS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	X			X						X	X	X						
98	US20100285589	pending	11/11/2010	GENERATION OF PLURIPOTENT CELLS FROM FIBROBLASTS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland, CA, US)	X		X	X						X	X	X		X		X retroviral vector		X
99																								

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Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open
US20120134966	pending	5/31/2012	EMBRYONIC STEM CELL SPECIFIC MICRORNAS PROMOTE INDUCED PLURIPOTENCY	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland CA US); NIH	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (Oakland CA US); NIH	X			X						X	X						X
US20100303775	pending	12/2/2010	Generation of Genetically Corrected Disease-free Induced Pluripotent Stem Cells	THE SALK INSTITUTE FOR BIOLOGICAL STUDIES (LA JOLLA, CA, US)	THE SALK INSTITUTE FOR BIOLOGICAL STUDIES (LA JOLLA, CA, US) THE CENTER OF REGENERATIVE MEDICINE (BARCELONA, ES), The Research Centre for Energy, Environment and Technology,	X		X	X			Administer iPS cells to mammal for tissue repair		X	X	X			X			X
US20100233804	pending	9/16/2010	GENERATION OF PLURIPOTENT STEM CELLS USING RECOMBINANT PROTEINS	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	X		X Protein	X					X	X	X			X			X focuses on peptide delivery
US20100267141	pending	10/21/2010	CHEMICAL APPROACHES FOR GENERATION OF INDUCED PLURIPOTENT STEM CELLS	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	X		X	X					X	X	X						X
US20120028351	pending	2/2/2012	GENERATION AND MAINTENANCE OF STEM CELLS	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	THE SCRIPPS RESEARCH INSTITUTE (LA JOLLA, CA, US)	X			X					X	X		X	X				X
US20110041857	pending	2/24/2011	FIBROBLAST DERIVED STEM CELLS	The Trustees of Columbia University In The City of New York (New York, NY, US) ; The Research Foundation of State University of New York (Albany, NY, US)	The Trustees of Columbia University In The City of New York (New York, NY, US) ; The Research Foundation of State University of New York (Albany, NY, US)	X	X	X	X		Fibroblasts	Cardiac repair	Cells in scaffold for cardiac repair					X	X			X
US20110143397	pending	2011-06-16	RNA PREPARATIONS COMPRISING PURIFIED MODIFIED RNA FOR REPROGRAMMING CELLS	The Trustees of the University of Pennsylvania, NIH	The Trustees of the University of Pennsylvania, NIH	X			X					X	X	X	X					
US20050255573	7687266	11/17/2005	Pluripotency determining factors and uses thereof	The University of Edinburgh (Edinburgh, GB)	The University of Edinburgh (Edinburgh, GB)	X			X		Pluripotent cell	Mouse or human embryonic stem cell						X		X	X	
US20100144039	pending	6/10/2010	Pluripotency determining factors and uses thereof	The University of Edinburgh (Edinburgh, GB)	The University of Edinburgh (Edinburgh, GB)	X			X		Pluripotent cell	Mouse or human somatic cell						X		X	X	
US20110243898	pending	10/6/2011	SOMATIC CELL-DERIVED PLURIPOTENT CELLS AND METHODS OF USE THEREFOR	The University of Louisville Research Foundation, Inc. (Louisville, KY, US), NIH	The University of Louisville Research Foundation, Inc. (Louisville, KY, US), NIH	X		X	X			Fibroblast		X	X		X	X				X
US20110258715	pending	10/20/2011	ORGAN REGENERATION METHOD UTILIZING iPS CELL AND BLASTOCYST	THE UNIVERSITY OF TOKYO (BUNKYO-KU, JP)	THE UNIVERSITY OF TOKYO (BUNKYO-KU, JP)	X			X			X										
US20070020758	8,268,619	1/25/2007	METHOD FOR THE ISOLATION AND EXPANSION OF CARDIAC STEM CELLS FROM BIOPSY	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	X			X		X cardiac	X making stem cells for therapy										
US20120021019	pending	1/26/2012	CARDIAC STEM CELL POPULATIONS FOR REPAIR OF CARDIAC TISSUE	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	X		X			cardiac tissue											
US20120045421	pending	1/26/2012	METHODS FOR THE ISOLATION OF CARDIAC STEM CELL	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	X			X		cardiac tissue	X										
US20120020935	pending	1/26/2012	CARDIAC STEM CELL POPULATIONS FOR REPAIR OF CARDIAC TISSUE	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	X			X		cardiac tissue	X					X					
US20120093879	pending	4/19/2012	CARDIAC STEM CELLS AND USES OF SAME IN CARDIAC REPAIR	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA" (Rome, IT)	X		X			Cardiac cells											
US20120021517	pending	1/26/2012	Bacterial Mediated Delivery of Nuclear Protein Into Pluripotent and Differentiated Cells	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. (GAINESVILLE FL, US)	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. (GAINESVILLE FL, US)	X		X	X					X	X	X				X (bacterial protein)		
US20080293143	pending	11/27/2008	Generation of human embryonic stem-like cells using intronic RNA	University of Southern Calif	University of Southern Calif	X			X		Pluripotent	Mammalian, human, cancerous, somatic		X						X		X (gene silencing)
US20100272695	pending	2010-10-28	CELL COMPOSITIONS DERIVED FROM DEDIFFERENTIATED REPROGRAMMED CELLS	Viacyte, Inc (San Diego,CA)	Viacyte, Inc (San Diego,CA)	X	X	X	X													
US20090280096	pending	11/12/2009	PANCREATIC ENDOCRINE PROGENITOR CELLS DERIVED FROM PLURIPOTENT STEM CELLS	Vistagen Therapeutics, Inc, SF Calif	Vistagen Therapeutics, Inc, SF Calif	X		X	X		see notes for differentiated cells	For diabetes, pancreas									X	X
US20110258713	pending	10/20/2011	COMPOSITIONS AND METHODS FOR RE-PROGRAMMING CELLS WITHOUT GENETIC	VIVOSCRIPT, INC. (Costa Mesa, CA, US)	VIVOSCRIPT, INC. (Costa Mesa, CA, US)	X		X	X			X		X	X	X						
US20080280362	USPN 7682828, Now being reexamined (90.011699)	11/13/2008	Methods for reprogramming somatic cells	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X		X						X							X	X
US20100144031	pending	6/10/2010	METHODS FOR REPROGRAMMING SOMATIC CELLS	Whitehead Institute for Biomedical Research (Cambridge MA)	Whitehead Institute for Biomedical Research (Cambridge MA)	X			X					X								X

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Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open	
1																							
US20100144031	pending	6/10/2010	Methods for reprogramming somatic cells	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X			X		X somatic cells, adult stem cells including hematopoietic, neural, mesenchymal				X							X	X
123																							
US20100221827	USPN 8071369	9/2/2010	COMPOSITIONS FOR REPROGRAMMING SOMATIC	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X		X							X								X
124																							
US20100310525	pending	12/9/2010	WNT PATHWAY STIMULATION IN REPROGRAMMING SOMATIC	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X	X						X		X	X							
125																							
US20110076678	pending	3/31/2011	REPROGRAMMING OF SOMATIC CELLS	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X			(withdrawn)						X	X	X	X	X	X			X
126																							
US20110088107	pending	2011-04-14	COMPOSITIONS AND METHODS FOR DERIVING OR CULTURING PLURIPOTENT CELLS	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X			X						X				X				
127																							
US20110302665	pending	12/8/2011	NON-HUMAN MAMMALS WITH T OR B CELLS HAVING PREDEFINED SPECIFICITY	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)			X	X														
128																							
US20120028821	pending	2/2/2012	PROGRAMMING AND REPROGRAMMING OF CELLS	Whitehead Institute for Biomedical Research (Cambridge, MA)	Whitehead Institute for Biomedical Research (Cambridge, MA)	X		X							X	X	X			X			
129																							
US20100021437	pending	1/28/2010	NEURAL STEM CELLS DERIVED FROM INDUCED PLURIPOTENT STEM CELLS	Whitehead Institute for Biomedical Research (Cambridge, MA); The McLean Hospital Corporation;	Whitehead Institute for Biomedical Research (Cambridge, MA); The McLean Hospital Corporation;	X		X	X		dopaminergic neurons	skin fibroblasts	Parkinson's therapy		X	X	X	X	X				X
130																							
US20080233610	pending and allowed	3/21/2008	SOMATIC CELL REPROGRAMMING	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	X			X						X	excluded	excluded			X		X retroviral vector	
131																							
US20100184227	USPN 8268620	7/22/2010	PLURIPOTENT STEM CELLS OBTAINED BY NON-VIRAL REPROGRAMMING	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	Wisconsin Alumni Research Foundation (Madison, WI, US); NIH	X			X						X					X			
132																							
US20110028537	USPN 8183038	2/3/2011	SOMATIC CELL REPROGRAMMING	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	Wisconsin Alumni Research Foundation (Madison, WI, US); NIH	X		X							X					X	X		
133																							
US20110081719	pending	4/7/2011	Substantially pure human retinal progenitor, forebrain progenitor, and retinal pigment epithelium cell cultures and methods of making the same	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	X		X			human neuroepithelial lineage (retinal progenitor, forebrain progenitor, retinal pigmented epithelium)	ES cells							X				
134																							
US20120157510	pending	6/21/2012	CONTROLLING THE POTENTIAL OF PRIMATE NEURAL STEM CELLS BY REGULATING PAX6	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	X	X	X	X		Neural stem cells	primate primitive neural SC	X						X	X RNAi			X
135																							
US20120178166	pending	7/12/2012	SIMPLIFIED BASIC MEDIA FOR HUMAN PLURIPOTENT CELL CULTURE	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	Wisconsin Alumni Research Foundation; NIH	X																	
136																							
US20120202291	pending	8/9/2012	SIMPLIFIED BASIC MEDIA FOR HUMAN PLURIPOTENT CELL CULTURE	WISCONSIN ALUMNI RESEARCH FOUNDATION (Madison, WI)	Wisconsin Alumni Research Foundation; NIH	X																	
137																							
US20110034536	USPN 8133731	2/10/2011	CONTROLLING THE POTENTIAL OF PRIMATE NEURAL STEM CELLS BY REGULATING PAX6	WISCONSIN ALUMNI RESEARCH FOUNDATION, NIH	WISCONSIN ALUMNI RESEARCH FOUNDATION, NIH	X		X	X		Neural stem cells				X					X		X (lentiviral vector)	X
138																							
US20060252062	pending	11/9/2006	System and process for genetic and epigenetic treatment			X	X		X	X	See notes.	Foetal, embryonic tissue or hematopoietic cell and oocyte extract	X (cancer treatment and cell repair process)	X				X	X				X
139																							
US20080299548	USPN 7803920	12/4/2008	Gene Expressed Specifically in Es Cells and utilization of the Same		DAINIPPON SUMITOMO PHARMA CO., LTD. (Osaka-shi, JP)	X		X				Mouse or human embryonic stem cell											X
140																							
US20090203141	pending	8/13/2009	Generation of tumor-free embryonic stem-like pluripotent cells using inducible recombinant RNA agents			X			X		Somatic	Stem cell			X							X	X
141																							
US20100135970	pending	6/3/2010	Methods for Reprogramming Adult Somatic Cells and Uses Thereof		Steward Research and Specialty Projects Corp (from St. Elizabeth Medical Center of Boston, Inc., Boston, MA, US)	X	X (withdrawn)	X (withdrawn)	X	X (withdrawn)	Cardiomyocyte, endothelial cell, neuronal cell or adipocyte	Fibroblast	X (withdrawn)	X (withdrawn)	X				X	X (withdrawn)			X
142																							
US20100184225	pending	7/22/2010	USE OF A CELLULAR EXTRACT FOR A MITOTIC REMODELING OF CHROMOSOMES		centre National de la Recherche Scientifique (Paris, FR)	X			X														
143																							
US20100261152	pending	10/14/2010	Method for expansion of stem cells		Medstem Laboratories, Inc. (Chandler AZ)	X			X		Erythroid, megakaryocytic, lymphoid and granulocytic lineage	Placental tissue, hematopoietic stem cell							X				X
144																							

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Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open
1																						
US20100311170	pending	12/9/2010	METHOD FOR REPROGRAMMING DIFFERENTIATED CELLS						X		somatic cell, neural stem cell, embryonic fibroblast, or thymocyte								X			
145					CORNING INCORPORATED	X				X												
146																						
US20110053244	8,420,352	3/3/2011	Protein delivery system to generate pluripotent stem (iPS) cells or tissue specific cells		Synaptic Research LLC, Baltimore	X	X							X	X	X				X		X
147																						
US20110053166	pending	3/3/2011	STEM CELL EXPRESSION CASSETTES		The Hospital for Sick Children (Toronto ON CA)	X	X		X								X	X				X
148																						
US20110061118	pending	3/10/2011	VECTORS AND METHODS FOR GENERATING VECTOR-FREE INDUCED PLURIPOTENT STEM (IPS) CELLS USING SITE-SPECIFIC RECOMBINATION		Helmholtz Zentrum Munchen (Neuherberg, DE)	X	X		X					X	X	X				X	X	
149																						
US20110065103	pending	3/17/2011	USE OF RNA FOR REPROGRAMMING SOMATIC		Biontech AG (Mainz, DE)	X	X		X	X	somatic cell: fibroblast			X	X	X	X	X				
150																						
US20110091434	pending	2011-04-21	AUGMENTATION OF CELL THERAPY EFFICACY INCLUDING TREATMENT WITH ALPHA 1-3 FUCOSYLTRANSFERASE		AMERICA STEM CELL, INC. (Carlsbad, CA, US)		X	X					X							X		
151																						
US20110091433	pending	4/21/2011	TREATMENT USING REPROGRAMMED MATURE ADULT CELLS		Tristem Trading (Cyprus) Ltd		X	X	X			whole blood, bone marrow, neuronal tissue, muscle tissue, epidermis, or dermis	X									
152																						
US20110104805	pending	5/5/2011	Pluripotent Stem Cells		CENTOCOR ORTHO BIOTECH INC. (Horsham PA)	X	X		X			Amniotic fluid-derived cells										X
153																						
US20110117653	pending	5/19/2011	METHOD FOR PRODUCTION OF PLURIPOTENT STEM CELL		Takara Bio Inc. (Osu-shi, Shiga, JP)	X			X					X	X	X						X
154																						
US20110136145	pending	2011-06-09	METHODS FOR PROMOTING FUSION AND REPROGRAMMING OF SOMATIC CELLS		THE JOHNS HOPKINS UNIVERSITY (Baltimore, MD, US)	X			X										X			
155																						
US20110143415	pending	6/16/2011	REPROGRAMMING NORMAL AND CANCEROUS HUMAN CELL LINES INTO HUMAN INDUCED POLURIPOTENT STEM CELLS BY CO-ELECTROPORATION WITH LIVING XENOPUS LAEVIS FROG			X	X		X					X								X
156																						
US20110154518	pending	6/23/2011	GENERATION OF INDUCED PLURIPOTENT STEM (IPS) CELLS		MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V.	X	X		X			ectodermat cells, neural stem cells		X	X	X		X				X
157																						
US20110177557	pending	7/21/2011	Fusion Protein and Use Thereof		Life & Brain GmbH (Bonn DE)	X	X		X					X	X	X						
158																						
US20110217274	pending	9/8/2011	METHODS FOR PRODUCTION AND USES OF MULTIPOTENT PLURIPOTENT, DIFFERENTIATED AND DISEASE-RESISTANT CELL POPULATIONS			X	X		X	X	X		X		X		X	X				
159																						
US20110236978	pending	9/29/2011	REPROGRAMMING CELLS TOWARD A PLURIPOTENT STATE		Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e. V. (Munche, DE)	X			X					X	X							
160																						
US20110268774	pending	11/3/2011	PREPARATION OF STEM CELLS WITH REPROGRAMMED CELL SIGNALLING, A METHOD OF PRODUCING THE PREPARATION AND A METHOD OF USE THEREOF			X	X	X	X				X							X		
161																						
US20110281281	USPN 8048675	11/17/2011	INTEGRATION-FREE HUMAN INDUCED PLURIPOTENT STEM CELLS FROM BLOOD		iPierian, Inc. (South San Francisco, CA, US)	X			X			nucleated blood cells		X	X	X				X		
162																						
US20110287556	pending	11/24/2011	SIMPLIFIED METHOD FOR PARTIAL GENETIC AND EPIGENETIC REPROGRAMMING OF			X			X													
163																						
US20110300111	pending	12/8/2011	GENERATION OF INDUCED PLURIPOTENT STEM CELLS WITHOUT THE USE OF VIRAL VECTORS		CEDARS-SINAI MEDICAL CENTER (Los Angeles, CA, US)	X	X		X				Cardiac therapy	X	X							X
164																						
US20110300627	pending	12/8/2011	DEDIFFERENTIATION AND REPROGRAMMING OF CELLS		Stermon, Inc. (Pittsburg, PA)	X			X			amion		X	X	X		X				X
165																						
US20110305713 I don't think this should be included. There are also 2 related apps.	pending	12/15/2011	METHODS AND COMPOSITIONS TO ENHANCE VACCINE EFFICACY BY REPROGRAMMING REGULATORY T CELLS		Georgia Health Sciences University University Research Institute (Augusta, GA, US)	X	X		X	X												X

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Publication Number	Status	Publication Date	Title	Big name assignee	Assignee/Applicant Name	In vitro	In vivo	Composition	Method of making	Use/diagnostic use	Cell type	Tissue of origin	Therapy	Device	OCT	Klf	Myc	Cytokine	Cell Claim	epi	chrom	open
167	US20110311494	pending	12/22/2011	METHODS OF REPROGRAMMING RENAL CELLS	Tel HaShomer Medical Research Infrastructure and Services Ltd. (Ramat-Gan IL)	X			X		renal cells	kidney			X	X						X
168	US20120064048	pending	3/15/2012	TREATMENT OF REPROGRAMMING FACTOR RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO A	CurNA Inc (Miami, FL, US)	X			X											X		
169	US20120070419	pending	3/22/2012	METHOD OF ALTERING THE DIFFERENTIATIVE STATE OF A CELL AND COMPOSITIONS	INTERNATIONAL STEM CELL CORPORATION (Oceanside, CA, US)	X			X					X	X	X				X		
170	US20120083032	pending	4/5/2012	EMBRYONIC STEM CELL LINE AND METHOD FOR PREPARING	H. BION CO., LTD. (Seoul, KR)	X			X													
171	US20120100615	pending	4/26/2012	CELL FATE CONVERSION OF DIFFERENTIATED SOMATIC CELLS INTO GLIAL CELLS	CASE WESTERN RESERVE UNIVERSITY (Cleveland, OH, US)	X			X													
172	US20120115225	pending	5/10/2012	REPROGRAMMING OF SOMATIC CELLS WITH PURIFIED PROTEINS	C. William Xu (California). From Nevada Cancer Institute	X			X					X	X	X						X
173	US20120121548	pending	5/17/2012	PRODUCTION OF REPROGRAMMED PLURIPOTENT CELLS	Mesoblast, Inc (NY, NY)	X			X			Stro-1 multipotent cells		X	X	X						X
174	US20120129262	pending	5/24/2012	Methods of Modifying Transcriptional Regulatory Networks in Stem Cells	Bioime, Inc. (Alameda, CA)	X		X	X					X								X
175	US20120129224	pending	5/24/2012	Method and apparatus for changing one type of cell into another type of cell					X													
176	US20120135522	pending	5/31/2012	METHODS OF MODULATING CELL REGULATION BY INHIBITING p53	LINTE BIOTECHNOLOGY, INC. (NY)	X			X													X
177	US20120142094	pending	6/7/2012	GENERATING IPS CELLS BY PROTEIN TRANSDUCTION OF RECOMBINANT POTENCY-	LD Biopharma, Inc. (San Diego, CA, US)	X			X					X	X	X						X
178	US20120156138	pending	6/21/2012	Methods and Compositions for the Treatment of Medical Conditions Involving Cellular Reprogramming				X														X
179	US20120171722	pending	7/5/2012	PERSONALIZED PRODUCTION OF BIOLOGICS AND METHOD FOR REPROGRAMMING SOMATIC	AVM Biotechnology, LLC (Seattle, WA, US)	X			X													X
180	US20120207744	pending	8/16/2012	REPROGRAMMING COMPOSITIONS AND METHODS OF USING THE	Fate Therapeutics, Inc. (San Diego CA)	X	X	X	X					X	X	X						X
181	US20120214236	pending	8/23/2012	GENERATING INDUCED PLURIPOTENT STEM CELLS AND PROGENITOR CELLS FROM FIBROBLASTS	MCMMASTER UNIVERSITY (Hamilton, ON, CA)	X			X		fibroblasts	skin	X		X			X			X	
182	US20120269782	pending	10/25/2012	MATERIALS AND METHODS FOR GENERATING PLURIPOTENT STEM CELLS	Sino-American United (Shanghai) Biotechnology Institute Co., Ltd. (Shanghai, CN); Sino-American United (Shanghai) Biotechnology Co. Ltd. (Shanghai CN)	X			X				X									
183	US20120276527	pending	11/1/2012	GENE RECOMBINATION SCREENING METHODS	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	X				X				X	X	X						X
184	US20120276215	pending	11/1/2012	Therapeutic Conditioned Media		X		X	X				X									
185	US20120282229	pending	11/8/2012	NON-VIRAL DELIVERY OF TRANSCRIPTION FACTORS THAT REPROGRAM HUMAN SOMATIC CELLS INTO A STEM CELL-LIKE STATE		X			X					X	X	X						X