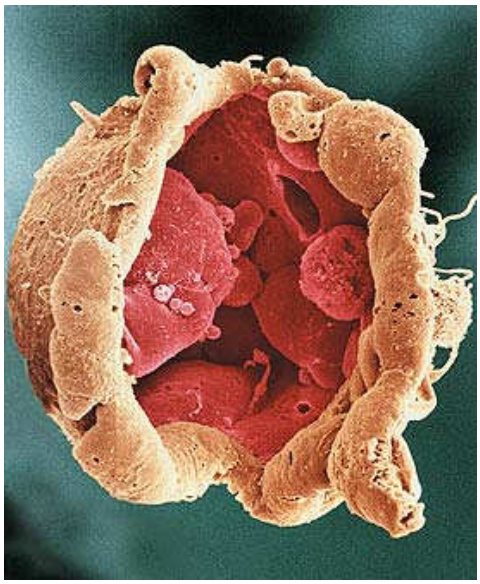
Alerta Tecnológico

nº 75

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

Pedidos de Patentes sobre Células-tronco - nº 8



Pedidos publicados no

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Centro de Disseminação da Informação Tecnológica – CEDIN
Coordenação de Estudos e Programas – CEPRO
Agosto de 2012

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1. INTRODUÇÃO

1.1 ALERTA TECNOLÓGICO

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), mantém um acervo com a descrição dos pedidos de patente e de registros de desenhos industriais. Uma de suas atribuições é divulgar e disseminar a utilização destas informações bibliográficas e técnicas. Para tanto, o CEDIN dispõe da Coordenação de Estudos e Programas – CEPRO, cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual se pode ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação[1] (livros, artigos técnicos etc.).

O objetivo desta publicação, de periodicidade semestral, é o de alertar sobre os depositantes mais expressivos em determinado período, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas, e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período, permitindo, desta forma, a atualização periódica de seu público alvo.

Um pedido de patente é constituído de uma folha de rosto, do relatório descritivo da invenção, das reivindicações (quadro reivindicatório), dos desenhos (se necessário) e do resumo. A folha de rosto contém os dados bibliográficos do pedido de patente, tais como, os nomes dos depositantes e

[1] Hong, Soonwoo. **The Magic of Patent Information**, Disponível em: <http://www.wipo.int/sme/en/documents/patent_information.htm#basics>. Acesso em 10 de outubro de 2008.

dos inventores, as datas e os números de depósito, de publicação e de prioridade do pedido, a classificação internacional, o título e o resumo da invenção, entre outros.

Os dados bibliográficos e a cópia completa do pedido de patente podem ser obtidos nas seguintes bases de patente disponíveis, gratuitamente, na Internet:

1. Base Brasileira de Pedidos de Patente[2]: http://www.inpi.gov.br
2. Base do Escritório Europeu de Patentes[3]: http://worldwide.espacenet.com
3. Base do Escritório Americano de Patentes[4]: http://uspto.gov

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) (família do pedido de patente[5]) aos pedidos de patente estrangeiros listados no Anexo l, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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Diretoria de Cooperação para o Desenvolvimento – DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
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As cópias integrais dos pedidos de patente de interesse também podem ser solicitadas por meio do endereço copdocpat@inpi.gov.br ou por correio postal ao endereço anteriormente mencionado.

[2] Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.
[3] Contêm pedidos de patente depositados e publicados em mais de 70 países.
[4] Contêm pedidos de patente depositados ou concedidos e publicados apenas nos Estados Unidos.
[5] Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patente refere-se ao conceito de "família simples", na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

2. PEDIDOS DE PATENTE SOBRE CÉLULAS-TRONCO

As células-tronco são células capazes de se diferenciar nos tecidos que compõem o corpo humano. Estas células são, hoje, objeto de intensas pesquisas, dada a vasta gama de aplicações terapêuticas que podem advir de seu uso. O tratamento de doenças cardiovasculares, neurodegenerativas – como Alzheimer e Parkinson -, nefropatias, diabetes tipo I, doenças hematológicas, imunodeficiências e traumas da medula espinhal são alguns dos exemplos dessas aplicações.

As células-tronco podem ser classificadas em **células embrionárias** ou **células adultas**, as primeiras sendo capazes de se diferenciar em maior número de tecidos.

As fontes de células-tronco mais utilizadas hoje no mundo são os embriões recém-fecundados (blastocistos), criados por fertilização *in vitro* e que não serão empregados no tratamento de infertilidade; os embriões criados por clonagem; as células germinativas ou órgãos de fetos abortados; o sangue retirado do cordão umbilical no momento do nascimento; alguns tecidos adultos, como a medula óssea; e algumas células maduras de tecido adulto, reprogramadas para se comportarem como células-tronco. Há que se destacar a discussão ética, e bastante polêmica, com relação à destruição de embriões recém-fecundados e, principalmente daqueles produzidos por clonagem, para a obtenção de células-tronco.

Em muitos países, as descobertas relacionadas às possíveis aplicações terapêuticas destas células foram divulgadas pela mídia de forma sensacionalista e recebidas com festa pela sociedade. Entretanto, a realidade parece não ser bem esta. Em primeiro lugar, o estágio de desenvolvimento em que se encontram determinadas linhas de pesquisa com esta tecnologia dificilmente permitirão que os cientistas respondam à sociedade no tempo esperado e com a qualidade dos resultados que se prevê; e, um segundo aspecto já abordado se refere às grandes questões éticas envolvidas na destruição de embriões para a obtenção das células-tronco.

Diante do cenário apresentado e da escassez de levantamentos relacionados aos depósitos de patente sobre células-tronco no mundo, o INPI

vem, por meio do CEDIN, facilitar ao público interessado o acesso a estas informações.

Dessa forma, este Alerta Tecnológico tem como objetivo divulgar, a cada semestre, os novos pedidos de patente sobre células-tronco (suas aplicações terapêuticas, técnicas relacionadas a seu isolamento, purificação, cultivo e diferenciação etc.) publicados no mundo.

Para o levantamento em questão, foram selecionados os documentos de patente contendo, em seu título e/ou resumo, uma (ou mais) das seguintes palavras-chave: **stem cell**, **célula(s)-tronco**, **célula(s) tronco** e **célula(s) madre(s).**

2.1 CLASSIFICAÇÃO INTERNACIONAL DE PATENTES – CIP

O sistema da Classificação Internacional de Patentes resultou dos esforços conjuntos de órgãos de propriedade industrial de vários países, com o objetivo de dispor, de forma organizada e padronizada, os documentos de patente, a fim de facilitar o acesso (busca) às informações tecnológicas e legais contidas nesses documentos. O Acordo de Estrasburgo relativo à Classificação Internacional de Patentes (CIP), concluído em 1971, entrou em vigor em 1975 e é administrado pela Organização Mundial da Propriedade Intelectual (OMPI). Qualquer país membro da Convenção da União de Paris pode se tornar membro do Acordo de Estrasburgo. A CIP é uma ferramenta uniforme e utilizada por diversos países e organizações com o objetivo de facilitar a recuperação de documentos de patente.

São signatários do Acordo de Estrasburgo 61 Estados[6]. No entanto mais de 100 escritórios nacionais, 4 escritórios regionais e a Secretaria da OMPI - atuando como escritório receptor do Tratado de Cooperação em Patentes (PCT), também utilizam a CIP.

A cada ano a CIP é revisada de acordo com sugestões discutidas e acordadas pelos representantes dos países signatários. A edição atualizada é disponibilizada no *site* da OMPI (http://www.wipo.int/classifications/en/) e no *site* do INPI (http://pesquisa.inpi.gov.br/ipc/index.php).

[6] Fonte: http://www.wipo.int/treaties/en/ShowResults.jsp?lang=en&search_what=B&bo_id=19. Acesso em 25/08/2011.

De forma a complementar a estratégia de busca para recuperação dos documentos de patente referentes a células-tronco, foram empregadas as seguintes CIPs: **C12N5/0735**, relacionada a células-tronco embriônicas e células germinativas embriônicas; **C12N5/074**, referente a células-tronco adultas; **C12N5/0775**, correspondente a células-tronco mesenquimais e a células-tronco provenientes de tecido adiposo; **C12N5/0789**, relacionada a células-tronco provenientes de sangue ou que compõem o sistema imunológico; **C12N5/0797**, que engloba células-tronco neurais; e **C12N5/095**, referente a células-tronco tumorais.

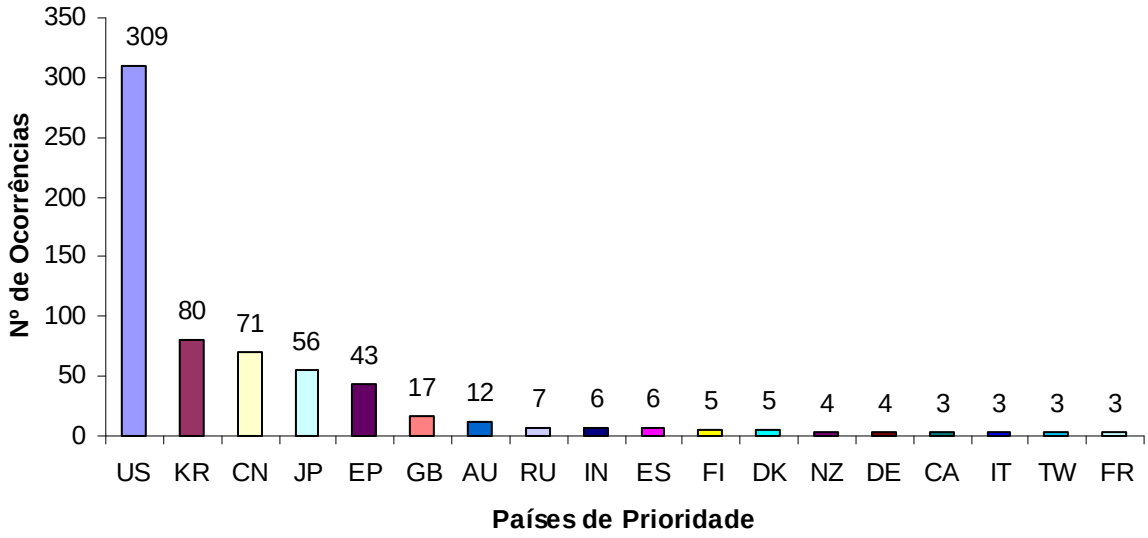
É importante ressaltar que os Alertas Tecnológicos anteriores, publicados sobre o tema, não levaram em consideração a classificação internacional de patentes (CIP) para recuperação dos documentos de interesse. Até então, as estratégias de busca empregaram somente palavras-chave, dada a inexistência de CIPs específicas para o assunto. Em janeiro de 2010, a revisão da classificação internacional de patentes passou a incorporar novas CIPs referentes a células-tronco. Desta forma, fez-se a opção por incluí-las na estratégia de busca para recuperação dos documentos, a fim de aumentar a precisão do resultado final.

3. RESULTADOS

No semestre pesquisado, foram selecionados **612** documentos de patente que abordam tecnologias relacionadas a células-tronco. De acordo com o gráfico 1, podem-se visualizar os códigos dos países[7] de prioridade dos pedidos de patente recuperados no período e a ocorrência em cada um dos países (o país de prioridade é o local onde foi feito o primeiro depósito do pedido de patente no mundo para uma determinada tecnologia). Ressalta-se que o depositante pode solicitar a prioridade de seu pedido de patente em um país diferente do país de sua residência.

[7] A lista com os códigos dos países está disponível no Anexo I.

Gráfico 1: Prioridade dos Pedidos de Patente recuperados



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 23/07/2012.

O gráfico 1 destaca os principais (três ou mais ocorrências) escritórios de patente nos quais foi realizado o primeiro depósito[8] de patente referente a tecnologias relacionadas a células-tronco. É importante destacar a liderança absoluta dos Estados Unidos e a expressão, também significativa e homogênea, de países como Coréia, China e Japão,

Duas inferências podem ser estabelecidas a partir do gráfico 1: a de que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados, dado que, na maioria das vezes, os depositantes solicitam a prioridade a partir de seus países de origem; ou a de que há interesse pelo primeiro depósito nos mercados destes países.

A tabela 1, a seguir, traz a relação dos principais (7 ou mais ocorrências) depositantes de pedidos de patente sobre células-tronco no mundo, no período analisado. Observa-se que os principais depositantes de patente (Korea University Research and Business Foundation, University of Kyoto, Agency for Science, Technology and Research, Wisconsin Alumni Research F Foundation

[8] Desta forma é estabelecida a prioridade unionista. Segundo este princípio estabelecido na Convenção da União de Paris, o **primeiro pedido de patente** depositado em um dos países membros serve de base para depósitos subsequentes relacionados à mesma matéria, efetuados pelo mesmo depositante ou seus sucessores legais.

- WARF, Scripps Research Institute, Geron Corporation, SNU R&DB Foundation, Nippon Menaade Keshohin, Anthrogenesis Corporation e Yamanaka Shinya e Centocor Ortho Biotech) **são responsáveis por apenas 16% dos documentos** recuperados, o que indica que, no período analisado, as publicações de pedidos de patente relacionados a células-tronco no mundo estiveram bem distribuídas por diferentes instituições.

Tabela 1: Relação dos depositantes e quantidade de pedidos de patente sobre células-tronco publicados no 2º semestre de 2011

Depositante	Total de Documentos
UNIV KOREA RES & BUS FOUND [KR]	16
UNIV KYOTO [JP]	15
AGENCY SCIENCE TECH & RES [SG]	8
WISCONSIN ALUMNI RES FOUND [US]	7
SCRIPPS RESEARCH INST [US]	7
GERON CORP [US]	7
SNU R&DB FOUNDATION [KR]	7
NIPPON MENAADE KESHOHIN KK [JP]	7
ANTHROGENESIS CORP [US]	7
YAMANAKA SHINYA [JP]	7
CENTOCOR ORTHO BIOTECH INC [US]	7

Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 23/07/2012.

Cinco dos onze depositantes com maior número de pedidos de patente no período em questão têm residência nos Estados Unidos; outros 3 são japoneses; 2 são coreanos e 1 é residente em Singapura. Este cenário é, portanto, condizente com a primeira inferência feita a partir do gráfico anterior. Ou seja, de que as tecnologias estão sendo desenvolvidas, em sua maioria, nos países de origem dos depositantes.

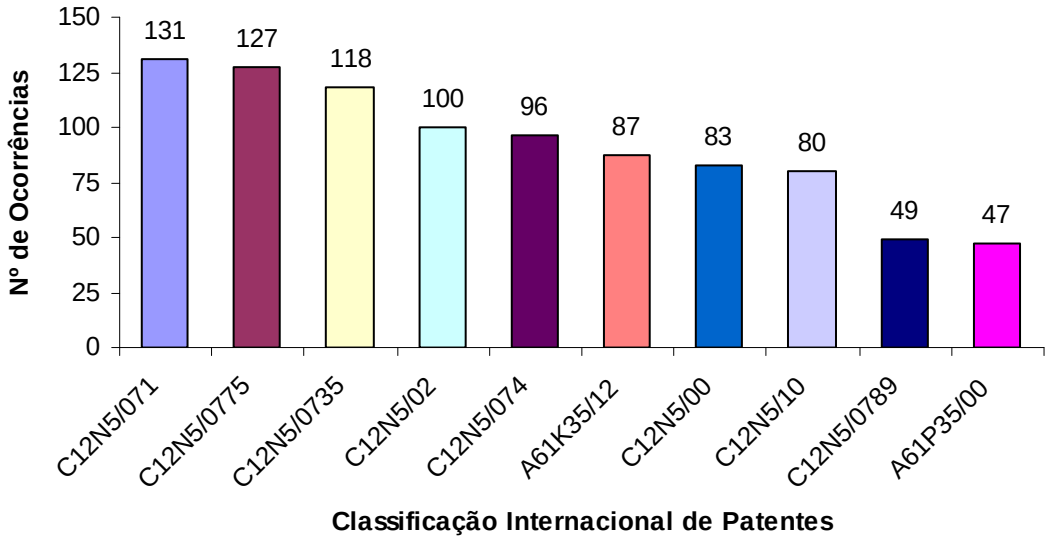
Algumas das empresas identificadas entre os depositantes podem fazer parte de um mesmo grupo. Entretanto, para este alerta, os nomes dos depositantes foram apresentados da mesma forma como foram recuperados.

Entre os 612 documentos recuperados, 11 deles foram depositados no Brasil, todos por depositantes estrangeiros (6 pedidos de patente de instituições norte-americanas; e, com um depósito cada, instituições italiana,

suíça, belga, inglesa e de Singapura), o que parece indicar o interesse desses países no mercado brasileiro.

No gráfico 2, são apresentadas as principais classificações contidas nos pedidos de patente selecionados para este Alerta. Estas classificações permitem o monitoramento das tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período.

Gráfico 2: Classificação Internacional de Patentes (CIP) dos Documentos sobre Células-tronco Publicados no 2º semestre de 2011



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 23/07/2012.

Como já comentado, a partir de janeiro de 2010, foram inseridos, na Classificação Internacional de Patentes, vários subgrupos referentes a células-tronco. Do gráfico nº 2, depreende-se que das dez classificações listadas cinco correspondem às novas CIPs criadas para agrupar documentos sobre o assunto. É possível observar que **131** documentos de patente, que contém a classificação C12N 5/071[9] ("Células ou tecidos de vertebrados, por ex., células ou tecidos humanos"), descrevem matéria relacionada a **células ou tecidos humanos**; outros **127**, classificados como C12N 5/0775[10], tratam especificamente de **células-tronco mesenquimais ou de células-tronco**

[9] Subgrupo novo, inserido na Classificação Internacional de Patentes a partir de janeiro de 2010.
[10] Idem.

derivadas do tecido adiposo; **118** estão relacionados a **células-tronco embrionárias** (C12N 5/0735[11]); **100** se referem à **propagação e manutenção de células-tronco e seus meios de cultura** (C12N 5/02); e **96** documentos correspondem a **células-tronco adultas** (C12N 5/074[12]). Destaca-se, também, a presença de **87** documentos de patente com classificação A61K 35/12 ("Materiais derivados de mamíferos ou pássaros"), que estão, em sua maioria, relacionados a **células-tronco provenientes de mamíferos**; **83** relatam **células não diferenciadas ou tecidos de seres humanos, animais ou plantas, suas culturas e meios de cultura e manuntenção** (C12N 5/00); **80** descrevem a **modificação genética de células-tronco** (C12N 5/10); **49** pedidos de patente tem classificação C12N 5/0789[13], classificação esta específica para c**élulas tronco e células progenitoras multipotentes**; e, por fim, **47** documentos, classificados em A61P 35/00, retratam **agentes antineoplásticos**.

[11] Idem.
[12] Idem.
[13] Idem.

Tabela 2: Dados bibliográficos dos pedidos de patente relacionados à Células tronco publicados no 2º semestre de 2011

(Por ordem alfabética do nome do depositante)

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102161981 A 20110824	1ST AFFILIATED HOSPITAL OF PLA GENERAL HOSPITAL	CN20101127972 20100223	C12N5/0775; C12N5/071	METHOD FOR JOINTLY INDUCING BONE MARROW MESENCHYMAL STEM CELLS INTO SWEAT GLAND CELLS BY RECOMBINANT PROTEIN
CN102154200 A 20110817	302 MILITARY HOSPITAL OF CHINA	CN20101585066 20101213	C12N5/0775	PREPARATION AND STORAGE OF MESENCHYMAL STEM CELLS FOR CLINICAL TREATMENT
US8038991 B1 20111018	ABBOTT CARDIOVASCULAR SYSTEMS [US]	US20070933922 20071101; US20030414602 20030415	C12N5/00	HIGH-VISCOSITY HYALURONIC ACID COMPOSITIONS TO TREAT MYOCARDIAL CONDITIONS
JP2011167198 A 20110901	ABT HOLDING COMPANY [US]	US19990404895 19990924; US20000668508 20000922	C12N5/0735; C12N5/10; A61K35/12; A61K48/00; A61L27/00; A61P43/00; C12N1/00; C12N5/00; C12N5/06; C12N5/08; C12N15/09; C12Q1/02; C12Q1/68; G01N33/50	PLURIPOTENT EMBRYONIC STEM CELL, COMPOSITION, METHOD AND USE THEREOF
US2011177595 A1 20110721	ABT HOLDING COMPANY [US]; UNIV MINNESOTA [US]	US201113042205 20110307; US20050084809 20050321; US20040467963 20040105; WO2002US04652 20020214; US20010343386P 20011025; US20010310625P 20010807; US20010269062P 20010215; US20010268786P 20010214	C12N5/071; A01K67/027; A01N63/00; A61D19/04; A61K35/12; A61K35/14; A61K35/28; A61K35/30; A61K35/32; A61K35/39; A61K35/407; A61K35/44; A61K39/00; A61K45/00; A61K47/46; A61L27/00; A61L31/00; A61P1/00; A61P1/16; A61P1/18; A61P3/00; A61P3/10; A61P7/00; A61P7/	MULTIPOTENT ADULT STEM CELLS, SOURCES THEREOF, METHODS OF OBTAINING AND MAINTAINING SAME, METHODS OF DIFFERENTIATION THEREOF, METHODS OF USE THEREOF AND CELLS DERIVED THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2010244047 A1 20111117	ADISTEM LTD	AU20090100401 20090430; WO2010CN72041 20100422; AU20100244047 20100422	C12N5/02; A61M1/00; C12N5/074; C12N5/077; C12N5/0775	METHODS AND APPARATUSES FOR ISOLATING AND PREPARING STEM CELLS
US2011236904 A1 20110929	ADNAGEN AG [DE]	EP20070018205 20070917; EP20080008770 20080509; WO2008EP07775 20080917	G01N33/574; C12N5/09; C12N5/095	DETECTION OF TUMOR STEM CELLS AND TUMOR CELLS IN EPITHELIAL-MESENCHYMAL TRANSITION IN BODY FLUIDS OF CANCER PATIENTS
US2011293580 A1 20111201	ADVANCED CELL TECH INC [US]	US201113117184 20110527; US20030374512 20030227; US20010995659 20011129; US20000697297 20001027; US19990161987P 19991028	A61K35/12; C12N5/00; C12N5/02; C12N5/0735; C12N15/873; C12Q1/02; G01N33/50	GYNOGENETIC OR ANDROGENETIC PRODUCTION OF PLURIPOTENT CELLS AND CELL LINES, AND USE THEREOF TO PRODUCE DIFFERENTIATED CELLS AND TISSUES
CN102204930 A 20111005	ADVANCED CELL TECH INC [US]	US20040538964P 20040123	A61K35/44; A01N63/00; A61K35/30; A61K35/48; A61K48/00; A61L27/38; A61P9/10; A61P25/16; A61P27/02; C12N5/071; C12N5/073; C12N5/0793; C12N5/0797	IMPROVED MODALITIES FOR THE TREATMENT OF DEGENERATIVE DISEASES OF THE RETINA

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
MX2010012089 A 20110728	ADVANCED CELL TECH INC [US]	US20080126803P 20080506; US20080189491P 20080819; US20080190282P 20080826; WO2009US43050 20090506	C12N5/00; C12N5/074; C12N5/078; C12N5/0789	METHODS FOR PRODUCING ENUCLEATED ERYTHROID CELLS DERIVED FROM PLURIPOTENT STEM CELLS.
WO2011101834 A1 20110825	ADVANCED NEURO SCIENCE ALLIES PRIVATE LTD [IN]; TOTEY SWAPNIL SATISH [IN]; KHANNA APARNA [IN]; TOTEY SATISH MAHADEORAO [IN]; VENKATARAMANA NEELAM KRISHNAN [IN]	IN2010CH00460 20100222	C12N5/0775; A61K8/98	A METHOD FOR OBTAINING MESENCHYMAL STEM CELLS, MEDIA, METHODS AND COMPOSITION THEREOF
CN102218161 A 20111019	AFFILIATED DRUM TOWER HOSPITAL OF NANJING UNIVERSITY MEDICAL SCHOOL	CN20101591170 20101216	A61L27/38; A61M1/34; C12N5/071; C12N5/0775	METHOD FOR PREPARING PORCINE HEPATOCYTE AND MESENCHYMAL STEM CELL CO-MICROENCAPSULATED INTERNAL BIO-ARTIFICIAL LIVER
CN102191218 A 20110921	AFFILIATED HOSPITAL OF ZUNYI MEDICAL COLLEGE	CN20111080968 20110328	C12N5/0775	COMPLETE MEDIUM AND HUMAN AMNION-DERIVED MESENCHYMAL STEM CELL CULTURE METHOD
US2011223142 A1 20110915	AFFINERGY INC [US]	US201113109802 20110517; US20100949104 20101118; US20090262353P 20091118; US20100368849P 20100729; US20100370723P 20100804	A61K35/12; A61K38/10; A61K38/16; A61K38/39; A61P43/00; C07K7/08; C07K14/00; C12N5/071	METHODS AND COMPOSITIONS FOR SOFT TISSUE REPAIR

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US2011171183 A1 20110714	AGENCY SCIENCE TECH & RES [SG]	US200913119486 20090917; SG20080006945 20080918; US20090178204P 20090514; US20090225675P 20090715; WO2009SG00346 20090917	A61K35/12; C12N5/00; C12Q1/02; G01N33/567	MARKERS OF INDUCED PLURIPOTENT STEM CELLS
US2011177043 A1 20110721	AGENCY SCIENCE TECH & RES [SG]	US20080192784P 20080922; WO2009SG00351 20090922	A61K48/00; A61K35/32; A61K38/02; C12N5/10; C12N15/85	METHOD OF IMPROVING DIFFERENTIATION OF CHONDROGENIC PROGENITOR CELLS
CN102220280 A 20111019	AGENCY SCIENCE TECH & RES [SG]	US20050651633P 20050211	C12N5/074; A61K35/12; A61P43/00; C12N5/0775	METHODS OF PROLIFERATING STEM CELLS
BRPI0617084 A2 20110712	AGENCY SCIENCE TECH & RES [SG]	US20050713992P 20050902; WO2006SG00233 20060815	C12N5/0775; G01N33/50	MÉTODO, LINHAGEM DE CÉLULA PROGENITORA, CÉLULA DIFERENCIADA E MÉTODO PARA GERAR UMA CÉLULA DIFERENCIADA DE UMA CÉLULA-TRONCO (ES) EMBRIONÁRIA

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US2011294210 A1 20111201	AGENCY SCIENCE TECH & RES [SG]	US201113210475 20110816; US20100921599 20100909; WO2009SG00088 20090317; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/071; C12N5/0735; C12N5/074; C12N5/0789	MICROCARRIERS FOR STEM CELL CULTURE
WO2011112155 A1 20110915	AGENCY SCIENCE TECH & RES [SG]; CHOO BOON HWA ANDRE [SG]; FONG WEY JIA [SG]	US20100312310P 20100310	C12N5/0735	USE OF MARKERS OF UNDIFFERENTIATED PLURIPOTENT STEM CELLS
WO2011096894 A2 20110811	AGENCY SCIENCE TECH & RES [SG]; CHOO BOON HWA ANDRE [SG]; WONG VAI TAK VICTOR [SG]	US20100301262P 20100204	G01N33/53; A61K35/12; A61K39/395; C07K16/28; C12N5/00	USE OF NOVEL MARKERS OF PLURIPOTENT STEM CELLS
WO2011152798 A1 20111208	AGENCY SCIENCE TECH & RES [SG]; NG HUCK HUI [SG]; CHIA NA YU [SG]; FENG BO [SG]	US20100350843P 20100602	C12N5/071; C12N5/0735; C12N5/074; C12N5/10	METHOD FOR INDUCING PLURIPOTENCY IN HUMAN SOMATIC CELLS WITH PRDM14 OR NFRKB
US2011189135 A1 20110804	AHARONOWIZ MICHAL [IL]; EINSTEIN OFIRA [IL]; REUBINOFF BENJAMIN [IL]; BEN-HUR TAMIR [IL]	US20080740496 20081029; US20070000746P 20071029; WO2008IL01426 20081029	A61K35/30; A61P25/00; A61P29/00; C12N5/079	HUMAN STEM CELL-DERIVED NEURAL PRECURSORS FOR TREATMENT OF AUTOIMMUNE DISEASES OF THE CENTRAL NERVOUS SYSTEM

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US2011306137 A1 20111215	AIZMAN IRINA [US]	US20080734856 20081203; US20070005211P 20071203; US20080125941P 20080430; US20080131577P 20080610; WO2008US13299 20081203	C12N15/85; C12N5/0735	METHODS AND COMPOSITIONS FOR MODULATING DIFFERENTIATION OF PLURIPOTENTIAL CELLS
KR20110135202 A 20111216	AJOU UNIV IND ACAD COOP FOUND [KR]	KR20100054976 20100610	C12N5/079; C07K14/50; C12N5/02; C12N5/0775	NEURONAL LONG-TERM DIFFERENTIATION METHOD OF MUSCLE-DERIVED STEM CELLS USING NERVOUS SYSTEM DRUGS AND BASIC FIBROBLAST GROWTH FACTOR(BFGF)
US2011189211 A1 20110804	ALDAGEN INC [US]	US20100966401 20101213; WO2004US13747 20040504; US20070589173 20070515; US20040544038P 20040212; US20040543607P 20040211	A61K35/12; A61K35/28; A61P7/00; A61P9/00; A61P9/10; A61P19/04; A61P19/08; A61P21/00; A61P25/00; A61P37/06; A61P43/00; C12N5/0775; C12Q1/32; G01N33/53	STEM CELL POPULATIONS AND METHODS OF USE
US2011177132 A1 20110721	ALLON ALIZA APPLE [US]; LOTZ JEFFREY CHARLES [US]; SCHNEIDER RICHARD ALAN [US]	US20090993668 20090522; US20080055834P 20080523; WO2009US03189 20090522	A61K9/00; A61K35/12; A61P19/00; A61P19/02; C12N5/07; C12N5/077; C12N5/0775; C12P21/00	COMPOSITIONS AND METHODS FOR GENERATING MUSCULOSKELETAL TISSUE

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EP2358404 A2 20110824	ALLOSOURCE [US]	WO2009US64611 20091116; US20080116484P 20081120; US20090612583 20091104	A61L27/12; A61K47/02; A61L27/38; C12N5/0775	ALLOGRAFTS COMBINED WITH TISSUE DERIVED STEM CELLS FOR BONE HEALING
KR20110118392 A 20111031	AMOREPACIFIC CORP [KR]	KR20100037969 20100423	A61K36/185; A61K35/12; A61P17/00; C12N5/0775	COMPOSITION FOR PROMOTING THE DIFFERENTIATION OF HUMAN MESENCHYMAL STEM CELL
KR20110129275 A 20111201	AMOREPACIFIC CORP [KR]	KR20100048820 20100525	A61K8/97; A61K36/185; A61Q19/00; C12N5/077	COMPOSITION FOR PROMOTING THE DIFFERENTIATION OF HUMAN MESENCHYMAL STEM CELL
CN102229909 A 20111102	ANHUI AGRICULTURAL UNIVERSITY	CN20101138766 20100331	C12N5/073; C12N7/01; C12N15/62; C12N15/867	METHOD FOR INDUCING BOVINE INDUCED PLURIPOTENT STEM CELLS
US2011250182 A1 20111013	ANTHROGENESIS CORP [US]	US201113081415 20110406; US20100321822P 20100407	A61K35/50; A61P9/00; C12N5/071	ANGIOGENESIS USING PLACENTAL STEM CELLS
NZ568618 A 20111028	ANTHROGENESIS CORP [US]	US20050754692P 20051229; WO2006US49492 20061228	C12N5/0789	CO-CULTURE OF PLACENTAL STEM CELLS AND STEM CELLS FROM A SECOND SOURCE
NZ579705 A 20110729	ANTHROGENESIS CORP [US]	US20020437292P 20021231; US20020076180 20020213; NZ20030534643 20030213	C12N5/02; A01N1/02; A61K35/28; A61K35/48; A61P3/10; A61P9/00; A61P9/10; A61P17/02; A61P19/00; A61P21/00; A61P25/00; A61P25/02; A61P25/28; A61P29/00; A61P37/06; C12N5/073; C12N5/074	EMBRYONIC-LIKE STEM CELLS DERIVED FROM POST-PARTUM MAMMALIAN PLACENTA, AND USES AND METHODS OF TREATMENT USING SAID CELLS

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EP2368973 A1 20110928	ANTHROGENESIS CORP [US]	EP20060816898 20061013; US20050727601P 20051013	C12N5/073; C12N5/079	PRODUCTION OF OLIGODENDROCYTES FROM PLACENTA-DERIVED STEM CELLS
US2011280843 A1 20111117	ANTHROGENESIS CORP [US]	US201113107778 20110513; US20080030161 20080212; US20060580588 20061013; US20070982291 20071031; US20060648813 20061228; US20030366671 20030213; US20020076180 20020213; US20070901067P 20070212; US20060835628P 20060804; US20050727004P 20051013; US200608466	A61K35/50; C12N5/073	TREATMENT OF DISEASES AND DISORDERS USING PLACENTAL STEM CELLS
CN102186971 A 20110914	ANTHROGENESIS CORP [US]	WO2009US04741 20090820; US20080090565P 20080820	C12N5/073; A61K35/50; A61P25/00	TREATMENT OF STROKE USING ISOLATED PLACENTAL CELLS
WO2011094181 A1 20110804	ANTHROGENESIS CORP [US]; ZHANG XIAOKUI [US]; YACCOBY SHMUEL [US]; ABRAMSON SASCHA [US]	US20100298517P 20100126; US20100307821P 20100224; US20100352768P 20100608	C12N5/074; C12N5/0775	TREATMENT OF BONE-RELATED CANCERS USING PLACENTAL STEM CELLS

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US2011268714 A1 20111103	APCETH GMBH & CO KG [DE]	US201113179374 20110708; US20080154059 20080520; US20070931622P 20070524; US20070003050P 20071114	A61K35/12; A61P1/00; A61P3/10; A61P9/00; A61P17/02; A61P21/00; A61P35/00; C12N5/0775	CD34 STEM CELL-RELATED METHODS AND COMPOSITIONS
AU2010237130 A1 20111103	APCETH GMBH & CO KG [DE]	US20090168787P 20090413; WO2010EP54844 20100413	A61K35/28; C12N5/0775; C12N5/10	ENGINEERED MESENCHYMAL STEM CELLS AND METHOD OF USING SAME TO TREAT TUMORS
US2011183414 A1 20110728	APCETH GMBH & CO KG [DE]	US20100976333 20101222; US20090289796P 20091223	C12N5/071; C12N5/00	EXPANSION MEDIUM FOR CD34-NEGATIVE STEM CELLS
KR20110097064 A 20110831	ARK STEM [KR]	KR20100016692 20100224	C12N5/0775; A61K35/12; C12N5/02	SERUM FREE MEDIA FOR STEM CELL CULTURE, TISSUE REGENERATION COMPOSITION INCLUDING THE SAME, AND METHOD OF TISSUE REGENERATION USING THE SAME
US2011319870 A1 20111229	ASSIST PUBL HOPITAUX DE PARIS [FR]	EP20090305197 20090303; WO2010EP52623 20100302	A61M37/00; A61K35/12; A61P3/10; C12N5/071; C12N5/0775; C12N5/0797	METHOD FOR INCREASING THE POOL OF NGN3+ ENDOCRINE PROGENITOR CELLS AND PANCREATIC ENDOCRINE CELL MASS
WO2011091475 A1 20110804	AUSTRALIAN STEM CELL CT LTD [AU]; UNIV QUEENSLAND [AU]; FISK NICHOLAS MAXWELL [AU]; WOLVETANG ERNST JURGEN [AU]	AU20100900330 20100128	C12N5/0775; C12N5/0735	METHOD FOR STEM CELL DIFFERENTIATION
WO2011153205 A1 20111208	AUXOCELL LAB INC [US]; TAGHIZADEH ROUZBEH R [US]	US20100350303P 20100601	C12N5/073; A61L27/52	NATIVE WHARTON'S JELLY STEM CELLS AND THEIR PURIFICATION

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CN102171333 A 20110831	AVECIA BIOLOG LTD	WO2009GB01938 20090806; GB20080014443 20080807	C12N5/071; C12N5/077	PROCESS FOR CULTIVATING CELLS
US2011256204 A1 20111020	BADER AUGUSTINUS [DE]	EP20080022449 20081224; WO2009EP09265 20091223	A61M31/00; A61K35/12; A61K38/19; A61P43/00; C12N5/071	RAPID PREPARATION AND USE OF ENGINEERED TISSUE AND SCAFFOLDS AS INDIVIDUAL IMPLANTS
US2011201111 A1 20110818	BANC DE SANG I TEIXITS [ES]	ES20090000005 20090102; WO2009ES00547 20091125	C12N5/0775	METHOD FOR OBTAINING CONNECTIVE MESENCHYMAL STEM CELLS FROM THE MONONUCLEAR FRACTION OF HUMAN BONE MARROW
AU2010252337 A1 20111208	BAYER MATERIALSCIENCE AG	EP20090007050 20090527; WO2010EP03022 20100518	C12M3/00; C12N5/00	METHOD FOR PRODUCING A COATED CELL CULTURE CARRIER
US2011263014 A1 20111027	BAYLOR COLLEGE MEDICINE [US]	US20090989593 20090508; US20080127090P 20080509; WO2009US43303 20090508	C12N5/071; C12N5/02; C12N5/0735	CLEAVAGE OF NANOG BY CASPASES MEDIATES THE DIFFERENTIATION OF EMBRYONIC STEM CELLS
WO2011097618 A1 20110811	BAYLOR COLLEGE MEDICINE [US]; GOODELL MARGARET A [US]; CHALLEN GRANT A [US]	US20100302398P 20100208	C12N5/0789	LOSS OF DE

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SG174070 A1 20110929	BECTON DICKINSON CO [US]	US20060747349P 20060516; US20060817942P 20060630; US20060817736P 20060630; US20070883083P 20070102; US20070886984P 20070129; US20070747523 20070511	C12N5/0735	EXTRACELLULAR MATRIX COATED SURFACE FOR CULTURING CELLS
EP2374871 A1 20111012	BEIJING HEALTH & BIOTECH H & B CO LTD [CN]	WO2009CN74581 20091023; CN20081240040 20081217	C12N5/074; A61K38/00; A61K48/00; A61P25/00; A61P37/00	PLURIPOTENT STEM CELLS, METHOD FOR PREPARATION THEREOF AND USES THEREOF
CN102251013 A 20111123	BEIJING INST FOR CANCER RES	CN20111042166 20110222	C12Q1/02; A61K39/395; A61K45/00; A61K48/00; A61P35/00; C07K16/18; C12N5/20; C12N15/13; C12Q1/68; G01N33/577	ANTIBODY AND ANTIGEN FOR RECOGNIZING TUMOR INITIATOR CELL AND APPLICATION THEREOF
CN102225073 A 20111026	BEIJING SAIERTAIHE BIOPHARMACEUTICAL TECHNOLOGY CO LTD	CN20111150487 20110607	A61K35/28; A61P11/06; A61P37/08; C12N5/0775	INJECTION FOR TREATING SPRING ALLERGY AND ALLERGIC ASTHMA AND PREPARATION METHOD THEREOF
CN102225074 A 20111026	BEIJING SAIERTAIHE BIOPHARMACEUTICAL TECHNOLOGY CO LTD	CN20111150490 20110607	A61K35/28; A61P11/06; A61P37/08; C12N5/0775	INJECTION FOR TREATING SPRING ALLERGY AND ALLERGIC ASTHMA AND PREPARATION METHOD THEREOF
AU2011100703 A4 20110721	BILL PASPALIARIS	AU20110100703 20110613	C12N5/077; A61K38/08; A61P15/08; C07K7/06; C12N5/0775; C12N5/0789	METHOD AND PEPTIDES FOR TREATING INFERTILITY
JP2011139691 A 20110721	BIO REGENERATIONS KK	JP20100003466 20100109	C12N5/074; A61K35/50	METHOD FOR PRODUCING MULTIPOTENT STEM CELL ORIGINATED FROM AMNION

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CN102149370 A 20110810	BIOCOMPATIBLES UK LTD	WO2009EP06620 20090911; EP20080016137 20080912	A61K9/50; A61P9/00; C12N5/00	TREATMENT OF ACUTE MYOCARDIAL INFARCTION (AMI) USING ENCAPSULATED CELLS ENCODING AND SECRETING GLP-1 PEPTIDES OR ANALOGS THEREOF
US2011244501 A1 20111006	BIOGEN IDEC INC [US]	US20070375657 20070802; US20060821258P 20060802; US20070895725P 20070319; US20070950910P 20070720; WO2007US75106 20070802	C12Q1/02; C12N5/095; C12N13/00	CANCER STEM CELLS
WO2011110886 A1 20110915	BIOLAMINA AB [SE]; TRYGGVASON KARL [SE]; DOMOGATSKAYA ANNA [SE]; RODIN SERGEY [SE]	WO2010IB00823 20100309	C12N5/0735	COMPOSITION AND METHOD FOR ENABLING PROLIFERATION OF PLURIPOTENT HUMAN STEM CELLS
WO2011103343 A2 20110825	BIOTIME INC [US]; WEST MICHAEL D [US]; CHAPMAN KAREN B [US]; FUNK WALTER DAVID [US]	US20100312580P 20100310; US20100305506P 20100217	C12Q1/68; C12N5/0735; C12N5/074; C12N15/12	METHODS FOR TELOMERE LENGTH AND GENOMIC DNA QUALITY CONTROL ANALYSIS IN PLURIPOTENT STEM CELLS
US2011262404 A1 20111027	BONE THERAPEUTICS S A [BE]	EP20080155764 20080507; WO2009EP55549 20090507	A61K35/12; A61P19/08; C12N5/077; C12N5/0775	NOVEL MESENCHYMAL STEM CELLS AND BONE-FORMING CELLS
US2011207219 A1 20110825	BOOKBINDER DANA CRAIG [US]; MARTIN ARTHUR WINSTON [US]; PAL SANTONA [US]; SHOGBON CHRISTOPHER BANKOLE [US]; WEBER JENNIFER L [US]; ZHOU YUE [US]	US201113032166 20110222; US20100307126P 20100223	C12N5/071	MODIFIED SUBSTRATES FOR PROTECTION OF PEPTIDE-IMMOBILIZED SURFACES FROM GAMMA RADIATION DEGRADATION

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US2011236966 A1 20110929	BOSTON MEDICAL CT CORP [US]	US201113080728 20110406; WO2009US59660 20091006; US20080103091P 20081006	C12N5/074; C12N15/63	SINGLE LENTIVIRAL VECTOR SYSTEM FOR INDUCED PLURIPOTENT (IPS) STEM CELLS DERIVATION
US2011287034 A1 20111124	BRIGHAM AND WOMENS HOSPITAL INC [US]	US200913128915 20091113; US20080114490P 20081114; WO2009US06089 20091113	A61K39/395; A61K31/7088; A61P35/00; C12N5/02; C12Q1/02; C12Q1/68; C40B40/06	THERAPEUTIC AND DIAGNOSTIC METHODS RELATING TO CANCER STEM CELLS
EP2380973 A1 20111026	BRYUKHOVETSKIY ANDREY STEPANOVICH [RU]	WO2009RU00424 20090820; RU20080152343 20081230	C12N5/095; A61K9/51; A61P35/00; C12N5/10	DRUG MADE FROM STEM CELLS WITH REPROGRAMMED CELL SIGNALING, METHOD FOR PRODUCING SAID PREPARATION AND THE USE THEREOF
WO2011131944 A1 20111027	CANCER REC TECH LTD [GB]; POULIN LIONEL FRANTZ [GB]; REIS E SOUSA CAETANO [GB]; BONNET DOMINIQUE [GB]	GB20100006768 20100422	C12N5/0784	METHODS FOR OBTAINING DENDRITIC CELLS
KR20110087674 A 20110803	CATHOLIC UNIV IND ACAD COOP [KR]	KR20100007205 20100127	C12N5/071; C12N5/02; C12N5/078	A METHOD FOR EX VIVO EXPANSION OF ENDOTHELIAL PROGENITOR CELLS
KR20110118084 A 20111028	CATHOLIC UNIV IND ACAD COOP [KR]	KR20100037383 20100422	C12N5/074; A61K35/30; A61P27/16; C12N5/02	MULTIPOTENT ADULT STEM CELLS DERIVED FROM TYMPANIC MEMBRANE TISSUE, PREPARATION METHOD THEREOF AND DIFFERENTIATED CELLS FROM THE STEM CELLS
KR20110132544 A 20111208	CATHOLIC UNIV IND ACAD COOP [KR]	KR20110125229 20111128	C12N5/0775; C12N5/02	UNDIFFERENTIATED MESENCHYMAL STEM CELLS WITH HIGHER SELF-RENEWAL AND OSTEOGENIC POTENTIAL AND METHOD FOR PREPARING THE SAME

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US2011300111 A1 20111208	CEDARS SINAI MEDICAL CENTER [US]	US200913130560 20091119; US20080116623P 20081120; WO2009US65117 20091119	A61K35/34; A61P9/00; A61P9/04; A61P9/10; C12N5/071	GENERATION OF INDUCED PLURIPOTENT STEM CELLS WITHOUT THE USE OF VIRAL VECTORS
US2011269230 A1 20111103	CEDARS SINAI MEDICAL CENTER [US]	US201113096931 20110428; US20100330251P 20100430	C12N5/0775	METHODS AND COMPOSITIONS FOR MAINTAINING GENOMIC STABILITY IN CULTURED STEM CELLS
US2011256555 A1 20111020	CEDARS SINAI MEDICAL CENTER [US]	US201113163553 20110617; US20040598468 20040917; WO2004US30607 20040917; US20030509105P 20031006	C12Q1/02; C12N5/0797; G01N33/50; G01N33/53	USE OF CXCR4 PROTEIN EXPRESSION ON THE SURFACE OF STEM CELLS AS A MARKER FOR TUMOR TROPIC POTENTIAL
NZ579676 A 20110729	CELGENE CORP	US20020437348P 20021231; US20020437350P 20021231; US20020372348P 20020412; NZ20030536049 20030413	A61K35/12; C12N5/00; C12N5/0784; C12N5/0789	MODULATION OF STEM AND PROGENITOR CELL DIFFERENTIATION, ASSAYS, AND USES THEREOF
AU2011247845 A1 20111201	CELGENE CORP	AU20110247845 20111107	G06F7/00; A61K45/00; C12N5/073; G01N33/50	SYSTEMS AND METHODS FOR PROVIDING A STEM CELL BANK
JP2011135836 A 20110714	CELL REMOVER KK	JP20090298723 20091228	C12M3/00; C12N5/07	CELL CULTURE BASE MATERIAL

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AU2010264801 A1 20111201	CELLARTIS AB [SE]	US20090218140P 20090618; DK20090000751 20090618; WO2010EP58679 20100618	C02F3/12; C12M3/04; C12N5/071	3D CULTURING SYSTEMS FOR GROWTH AND DIFFERENTIATION OF HUMAN PLURIPOTENT STEM (HPS) CELLS
WO2011116930 A1 20110929	CELLARTIS AB [SE]; BROLEN GABRIELLA [SE]; EDSBAGGE JOSEFINA [SE]	US20100316021P 20100322; DK20100000234 20100322	C12N5/071	DIRECTED DIFFERENTIATION AND MATURATION OF PLURIPOTENT CELLS INTO HEPATOCYTE LIKE CELLS BY MODULATION OF WNT-SIGNALLING PATHWAY
WO2011154552 A1 20111215	CELLARTIS AB [SE]; JENSEN JANNE [SE]	US20100353678P 20100611; DK20100000515 20100611	C12N5/071	3-DIMENSIONAL SCAFFOLDS FOR IMPROVED DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO HEPATOCYTES
EP2366019 A1 20110921	CELLERIX S A [ES]	WO2009EP66198 20091202; EP20080382070 20081203; EP20090760907 20091202	C12N5/07	METHODS FOR THE PREPARATION OF ADIPOSE DERIVED STEM CELLS AND UTILIZING SAID CELLS IN THE TREATMENT OF DISEASES
NZ565246 A 20110930	CELLERIX S L; UNIV MADRID AUTONOMA	US20050167061 20050624; WO2006EP04605 20060516	C12N5/0775; A61K35/36; A61L27/38; A61P17/02	USE OF ADIPOSE TISSUE-DERIVED STROMAL STEM CELLS IN TREATING FISTULA
AU2010217739 A1 20110908	CELLULAR DYNAMICS INTERNATIONAL INC [US]	US20090156304P 20090227; WO2010US25776 20100301	C12N5/0781; C12N5/071	DIFFERENTIATION OF PLURIPOTENT CELLS
EP2398897 A1 20111228	CELLULAR DYNAMICS INTERNATIONAL INC [US]	WO2010US24881 20100222; US20090154210P 20090220	C12N5/0735; C12N5/0789	METHODS AND COMPOSITIONS FOR THE DIFFERENTIATION OF STEM CELLS

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AU2010254811 A1 20111201	CELLULAR DYNAMICS INTERNATIONAL INC [US]	US20090184546P 20090605; US20090240116P 20090904; WO2010US37376 20100604	C12N5/074	REPROGRAMMING T CELLS AND HEMATOPHIETIC CELLS
WO2011159684 A2 20111222	CELLULAR DYNAMICS INTERNATIONAL INC [US]; MACK AMANDA [US]	US20100388949P 20101001; US20100355046P 20100615	C12N5/0789; C07K14/475; C12N5/02; C12N5/074	GENERATION OF INDUCED PLURIPOTENT STEM CELLS FROM SMALL VOLUMES OF PERIPHERAL BLOOD
WO2011159797 A2 20111222	CELLULAR DYNAMICS INTERNATIONAL INC [US]; NUWAYSIR EMILE [US]; KENDRICK-PARKER CHRIS [US]; SEAY NICHOLAS [US]	US20100354878P 20100615	C12N5/074; C12N5/10; C12N15/65; C12N15/85; C12Q1/02; G01N33/15	A COMPENDIUM OF READY-BUILT STEM CELL MODELS FOR INTERROGATION OF BIOLOGICAL RESPONSE
WO2011130402 A2 20111020	CELLULAR DYNAMICS INTERNATIONAL INC [US]; YU JUNYING [US]; CHAU FONGCHING KEVIN [US]; JIANG JINLAN [US]; JIANG YONG [US]; VODYANYK MAKSYM A [US]	US20100323689P 20100413	C12N5/0735	HEPATOCYTE PRODUCTION BY FORWARD PROGRAMMING
KR20110077016 A 20110706	CENTOCOR ORTHO BIOTECH INC [US]	US20080110287P 20081031	C12N5/071; C12N5/02; C12N15/63; C12Q1/25	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS TO THE PANCREATIC ENDOCRINE LINEAGE
KR20110077017 A 20110706	CENTOCOR ORTHO BIOTECH INC [US]	US20080110278P 20081031	C12N15/63; C07K14/575; C12N5/0735	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS TO THE PANCREATIC ENDOCRINE LINEAGE
CN102171330 A 20110831	CENTOCOR ORTHO BIOTECH INC [US]	WO2009US49049 20090629; US20080076889P 20080630	C12N5/00	DIFFERENTIATION OF PLURIPOTENT STEM CELLS

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CN102257132 A 20111123	CENTOCOR ORTHO BIOTECH INC [US]	WO2009US65067 20091119; US20080116452P 20081120	C12N5/0735	METHODS AND COMPOSITIONS FOR CELL ATTACHMENT AND CULTIVATION ON PLANAR SUBSTRATES
KR20110091768 A 20110812	CENTOCOR ORTHO BIOTECH INC [US]	US20080116447P 20081120	C12N5/0735; C12Q1/25	PLURIPOTENT STEM CELL CULTURE ON MICRO-CARRIERS
WO2011109279 A2 20110909	CENTOCOR ORTHO BIOTECH INC [US]; KARANU FRANCIS [US]; REZANIA ALIREZA [US]	US20100309193P 20100301	C12N5/071; C12N5/02; C12Q1/68	METHODS FOR PURIFYING CELLS DERIVED FROM PLURIPOTENT STEM CELLS
WO2011143299 A2 20111117	CENTOCOR ORTHO BIOTECH INC [US]; XU JEAN [US]	US20100333831P 20100512	C12N5/071; C07K14/47; C07K14/50; C12N5/02; C12N5/0735; C12Q1/68	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS
WO2011086319 A1 20110721	CENTRE NAT RECH SCIENT [FR]; LUDWIK HIRSZFELD INST OF IMMUNOLOGY AND EX THERAPY [PL]; KIEDA CLAUDINE [FR]; GRILLON CATHERINE [FR]; LAMERANT-FAYEL NATHALIE [FR]; PAPROCKA MARIA [PL]; KRAWCZENKO AGNIESZKA [PL]; GOSZYK-DUS DANUTA [PL]	FR20100000111 20100112	C12N5/071; C12N5/074; G01N33/50	HUMAN AND MURINE STEM-CELL LINES: MODELS OF ENDOTHELIAL CELL PRECURSORS
KR20110093619 A 20110818	CHABIO & AMP DIOSTECH CO LTD [KR]; COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20100013493 20100212	C12N5/078; C12N5/02	PROCESS FOR IN VITRO LARGE-SCALE PRODUCTION OF RED BLOOD CELLS

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US2011223139 A1 20110915	CHANCELLOR MICHAEL B [US]; HUARD JOHNNY [US]; CAPELLI CHRISTOPHER [US]; CHUNG STEVE [US]; SACKS MICHAEL S [US]	US201113046120 20110311; US20050138168 20050525; US20020081835 20020222; US20010271267P 20010223	A61K35/34; C12N11/02; A61L27/00; A61L27/38; A61P17/02; C12N5/00; C12N5/077	RAPID PREPARATION OF STEM CELL MATRICES FOR USE IN TISSUE AND ORGAN TREATMENT AND REPAIR
US2011236363 A1 20110929	CHANG LUNG-JI [US]; PATEL EKTA SAMIR [US]	US200913062570 20090911; US20080096240P 20080911; WO2009US56739 20090911	A61K35/28; A61P35/00; A61P35/02; C12N5/073; C12N5/0783	SYSTEM AND METHOD FOR PRODUCING T CELLS
US2011305677 A1 20111215	CHENG LINZHAO [US]	US201113153146 20110603; US20030533514 20031110; WO2003US35734 20031110; US20020425228P 20021108	C12N5/0735; A61K35/12; A61P3/10; A61P17/02; A61P25/16; A61P25/26; A61P37/00; C12N5/02; C12N5/071; C12Q1/02; C12Q1/42; C12Q1/68; C40B30/06; G01N21/64	HUMAN EMBRYONIC STEM CELL CULTURES, AND COMPOSITIONS AND METHODS FOR GROWING SAME
CN102250841 A 20111123	CHILDREN S HOSPITAL OF CHONGQING MEDICAL UNIVERSITY	CN20111183749 20110701	C12N5/10; A61L27/38; C12N15/867	RECOVERABLE IMMORTALIZED RAT BONE MARROW MESENCHYME STEM CELL AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF
WO2011140441 A2 20111110	CHILDRENS HOSP MEDICAL CENTER [US]; WELLS JAMES M [US]; ZORN AARON M [US]; SPENCE JASON R [US]; SHROYER NOAH F [US]	US20100332178P 20100506	C12N5/071; C07K14/47; C07K14/50; C12N5/02	METHODS AND SYSTEMS FOR CONVERTING PRECURSOR CELLS INTO INTESTINAL TISSUES THROUGH DIRECTED DIFFERENTIATION
CN102138935 A 20110803	CHONGQING SOUTHWEST HOSPITAL	CN20111083163 20090203	A61K35/28; A61K33/26; A61K35/14; A61K35/44; A61P7/06; C12N5/074; C12N5/0789	MELANTERITE-CONTAINING MEDICINAL COMPOSITION AND PREPARATION METHOD THEREOF

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KR20110105568 A 20110927	CHONNAM NAT UNIVERSITY HOSPITAL [KR]	KR20100024778 20100319	C12N15/87; B82B3/00; C12N5/0775; C12N15/11	COMPLEX OF IRON OXIDE NANOPARTICLES AND GENES FOR USING IN DELIVERY OF STEM CELL GENES AND METHOD FOR DELIVERING GENES TO STEMCELL BY USING THE SAME
JP2011250791 A 20111215	CHOO YEN	GB20020022846 20021003	C12N5/071; C12N5/00; C12N5/02; C12N5/0735	CELL CULTURE
US8048855 B1 20111101	CHUGAI PHARMACEUTICAL CO LTD [JP]	JP19990298027 19991020; WO2000JP07320 20001020	A61K38/18; A61K38/19; A61P37/06; C12N5/07	METHOD FOR SUPPRESSING GRAFT-VERSUS-HOST-DISEASE
US2011183415 A1 20110728	CHUNG YOUNG GIE [US]; LANZA ROBERT [US]; KLIMANSKAYA IRINA V [US]	US201113004260 20110111; US20070800366 20070503; US20050267555 20051104; US20040624827P 20041104; US20050662489P 20050315; US20050687158P 20050603; US20050723066P 20051003; US20050726775P 20051014; US20060797449P 20060503; US20060798065P 20060504; US20060	C12N5/0735	DERIVATION OF EMBRYONIC STEM CELLS AND EMBRYO-DERIVED CELLS
MX2010004284 A 20111026	CJ CHEILJEDANG CORP [KR]	MX20100004284 20100419	C12N5/00	METHOD FOR THE DIFFERENTIATION OF HUMAN ADULT STEM CELLS INTO INSULIN-SECRETING CELLS.

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AU2010201431 A1 20111027	CJ CHEILJEDANG CORP [KR]; BCELLBIO INC [KR]	AU20100201431 20100412	C12N5/074; C12N5/02	METHOD FOR THE DIFFERENTIATION OF HUMAN ADULT STEM CELLS INTO INSULIN-SECRETING CELLS
CA2701014 A1 20111016	CJ CHEILJEDANG CORP [KR]; BCELLBIO INC [KR]	CA20102701014 20100416	C12N5/071; A61K35/39; C12N5/074	METHOD FOR THE DIFFERENTIATION OF HUMAN ADULT STEM CELLS INTO INSULIN-SECRETING CELLS
KR20110085231 A 20110727	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20100004899 20100119	C12N5/02; C12N5/0735; C12N5/074	COMPONENTS OF STEM CELL CULTURE MEDIA FOR EITHER MAINTAINING STEMNESS OR INDUCING DIFFERENTIATION OF STEM CELLS
WO2011159075 A2 20111222	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]; MOON JI-SOOK [KR]; LEE HYUN-SEOB [KR]	KR20100055831 20100614	C12N5/079; A61K35/30; A61P25/16; C12N5/074	METHOD FOR THE DIFFERENTIATION OF ADULT STEM CELLS INTO NEURAL PROGENITOR CELLS USING TWO-DIMENSIONAL CULTURE, AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF DISEASES CONNECTED TO NEURAL DAMAGE USING THE NEURAL PROGENITOR CELLS
US2011275155 A1 20111110	CONN BRYAN [US]; SMITH BARRY [US]; RUBIN ALBERT L [US]; STENZEL KURT [US]; RUBIN MARC [US]	US201113156659 20110609; US20060447405 20060605; US20030655275 20030904	C12N5/071; C12N5/074; A01N1/02; A61K35/14; A61K35/48; A61K48/00; C12N5/00; C12N5/0735; C12N5/0789	ENTRAPPED STEM CELLS AND USES THEREOF
KR20110132086 A 20111207	CORESTEM CO LTD [KR]	KR20100051907 20100601	A61K9/38; A61K31/20; C12N5/0775; C12N15/87	PEPTIDE GENE CARRIER AND METHOD FOR TRANSFECTING GENE INTO ADULT STEM CELL USING THE SAME
EP2397851 A1 20111221	CT D ETUDE DES CELLULES SOUCHES [FR]	EP20100166631 20100621	G01N33/50; C12N5/0735; C12N5/077	METHOD FOR SELECTING MEVALONATE SYNTHESIS MODULATORS USING CELLS DERIVED FROM PLURIPOTENT HUMAN CELLS

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EP2348103 A2 20110727	CYTORI THERAPEUTICS INC [US]	EP20040756641 20040701; US20030503589P 20030917	C12N5/071; A01N63/00; C12N5/074; C12N5/0775	METHODS OF USING REGENERATIVE CELLS IN THE TREATMENT OF PERIPHERAL VASCULAR DISEASE AND RELATED DISORDERS
ES2364689T T3 20110912	CYTORI THERAPEUTICS INC [US]	WO2005US18605 20050525	C12N5/0775	PROCEDIMIENTO DE USO DE CELULAS DERIVADAS DE TEJIDO ADIPOSO EN EL TRATAMIENTO DE AFECCIONES CARDIOVASCULARES.
ES2364957T T3 20110919	CYTORI THERAPEUTICS INC [US]	WO2004US21415 20040701	C12N5/0775	PROCEDIMIENTOS DE USO DE CELULAS REGENERATIVAS PARA PROMOVER LA CICATRIZACION DE HERIDAS.
US2011306134 A1 20111215	DALBY MATTHEW [GB]; GADEGAARD NIKOLAJ [GB]; OREFFO RICHARD [GB]	GB20090003040 20090223; WO2010GB00327 20100223	C12N5/074; C12M1/00; C12M1/22; C12N5/071; C12N5/0735; C12N5/0775; C12N5/0797	RETENTION OF A STEM CELL PHENOTYPE
NZ569343 A 20111125	DANDRIT BIOTECH AS	DK20050001742 20051208; WO2006DK00694 20061207	A61K39/00; A61P31/12; A61P35/00; C12N5/0784	METHOD FOR GENERATING DENDRITIC CELLS EMPLOYING DECREASED TEMPERATURE
US2011189768 A1 20110804	DANILKOVITCH ALLA [US]; CARTER DIANE [US]; TYRELL ALICIA [US]; BUBNIC SIMON [US]; MARCELINO MICHELLE [US]; MONROY RODNEY [US]	US201113085720 20110413; US20070650374 20070105; US20060759157P 20060113	C12N5/0775	MESENCHYMAL STEM CELLS EXPRESSING TNF-ALPHA RECEPTORS
CN102154210 A 20110817	DAQING SHEN	CN20101608831 20101228	C12N5/10; A61K35/14; A61K35/28; A61K35/44; A61K48/00; A61P3/10	METHOD FOR PREPARING HEPATIC STEM CELL DECORATED BY INSULIN GENE AND APPLICATION AND PREPARATION THEREOF
WO2011143522 A2 20111117	DARA BIOSCIENCES INC [US]; SEVERYNSE-STEVENS DIANA [US]; DIDSBURY JOHN R [US]	US20100334290P 20100513	C12N5/0789; A61K35/12; C07D207/06; C07D207/08; C12N5/02; C12N5/077	ENHANCED HOMING AND ENGRAFTMENT OF HEMATOPOIETIC STEM CELLS USING BOROPROLINE COMPOUNDS

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WO2011143521 A2 20111117	DARA BIOSCIENCES INC [US]; SEVERYNSE-STEVENS DIANA [US]; DIDSBURY JOHN R [US]	US20100334289P 20100513	C12N5/0789; A61K35/28; C07D207/06; C07D207/08; C12N5/02; C12N5/077	ENHANCED HOMING AND ENGRAFTMENT OF HEMATOPOIETIC STEM CELLS USING CD26 INHIBITORS
US2011229440 A1 20110922	DEALY CAROLINE [US]; KOSHER ROBERT [US]	US20100954088 20101124; US20090264170P 20091124	A61K35/12; A61P19/02; A61P19/04; A61P19/08; A61P43/00; C12N5/0735; C12N5/077; C12N5/0775; C12Q1/02; C12Q1/68	DIFFERENTIATION OF HUMAN EMBRYONIC AND INDUCED PLURIPOTENT STEM CELLS
US2011300113 A1 20111208	DEUTSCHES KREBSFORSCH [DE]	US20070442017 20070919; US20060845506P 20060919; WO2007EP08167 20070919	A61K35/12; A61K31/7088; A61P25/00; A61P25/16; A61P25/28; C07H21/04; C07K14/52; C07K16/28; C12N5/10; C12N15/85	DEATH RECEPTOR CD95 CONTROLS NEUROGENESIS OF ADULT NEURAL STEM CELLS IN VIVO AND IN VITRO
WO2011117233 A1 20110929	DEUTSCHES KREBSFORSCH [DE]; LANDESSTIFTUNG BADEN WUERTTEMBERG GGMBH [DE]; STARK HANS-JUERGEN [DE]; FUSENIG NORBERT [DE]; BOUKAMP PETRA [DE]; BOEHNKE KARSTEN [DE]	EP20100157471 20100324	C12N5/071	SCAFFOLD-BASED ORGANOTYPIC CULTURE FORT THE LONG-TERM CULTIVATION OF HUMAN EPIDERMAL STEM-CELLS

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US2011263675 A1 20111027	DHARMACON INC	US20080672881 20080807; US20080035253P 20080310; US20080034926P 20080307; US20070954963P 20070809; WO2008US72491 20080807	A61K31/713; A61K31/7088; A61P19/08; C12N5/0775; C12N15/11; C12N15/113	METHODS OF MODULATING MESENCHYMAL STEM CELL DIFFERENTIATION
EP2366023 A1 20110921	DIAZ ARROYO MANUEL [ES]	WO2009EP65523 20091120; EP20080380324 20081120; EP20090752860 20091120	C12N5/0775	MYOMETRIAL-DERIVED MESENCHYMAL STEM CELLS
US2011171731 A1 20110714	DIETZ ALLAN B [US]; GUSTAFSON MICHAEL P [US]; BUTLER GREG W [US]	WO2009US57170 20090916; US20080097490P 20080916	C12N5/071; C12N5/0775; C12N5/09	COMPOSITIONS CONTAINING PLATELET CONTENTS
KR20110082896 A 20110720	DONG EUI UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20100002830 20100112	C12N5/0797; C12N5/02	COMPOSITION AND METHOD FOR IMPROVING STEM CELL POTENTIAL OF NEURAL STEM CELLS
KR20110130841 A 20111206	DONG EUI UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20100050365 20100528	C12N5/0797; C12N5/02	COMPOSITION AND METHOD FOR IMPROVING PROLIFERATION AND STEM CELL POTENCY OF NEURAL PROGENITOR CELLS
CN102167746 A 20110831	DONGCHENG JIANG	CN20101542698 20101111	C07K16/44; C12N5/0775; C12N5/0789; G01N33/569; G01N33/577	SPG-(STREPTOCOCCAL PROTEIN G) ANTIBODY POLYMER AND PREPARATION METHOD AS WELL AS APPLICATION THEREOF

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CN102191221 A 20110921	DONGFANG LIVER AND GALLBLADDER SURGERY HOSPITAL SECOND MILITARY MEDICAL UNIVERSITY OF PLA	CN20101126105 20100317	C12N5/0797; A61K35/30; A61P9/00; A61P9/10; A61P25/00; A61P25/16; A61P25/28	NEURAL STEM CELL CAPABLE OF SELF-RENEWING, PREPARATION METHOD AND APPLICATION THEREOF
WO2011145110 A1 20111124	DRAVIDA SUBHADRA [IN]; AKKINEPALLY DEEPIKA [IN]	IN2009CH03103 20100515	C12N5/0775	A NOVEL CORD BLOOD PLASMA NUTRIENT FORMULATION AND A METHOD FOR THE PREPARATION THEREOF
WO2011147967 A1 20111201	DUDA GEORG [DE]; WINKLER TOBIAS [DE]; MATZIOLIS GEORG [DE]; VON ROTH PHILIPP [DE]; PERKA CARSTEN [DE]	US20100348870P 20100527	A61K35/28; A61P21/00; C12N5/00	SKELETAL MUSCLE REGENERATION USING MESENCHYMAL STEM CELLS
EP2360241 A1 20110824	ES CELL INT PTE LTD [SG]	EP20030724662 20030605; AU2002PS02793 20020605; AU20020951874 20021004; AU20030901536 20030328; AU20030901537 20030328; AU20030902348 20030515	C12N5/071; C12N5/0793	STEM CELLS
US2011256627 A1 20111020	FOOD INDUSTRY RES AND DEV INST [TW]	TW200902244454U 20091225	C12N5/0735; C12M1/00	CUTTING DEVICE FOR CULTURING THE NEXT GENERATION OF CELLS
TW201125983 A 20110801	FOOD INDUSTRY RES AND DEV INST [TW]	TW20100102083 20100126	C12N5/078	MEDIA AND PROCESSES FOR THE EX VIVO PRODUCTION OF MEGAKARYOCYTES FROM HUMAN CD34+ CELLS

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WO2011094963 A1 20110811	FOURTH MILITARY MEDICAL UNIV [CN]; SHAANXI RUISHENG BIOTECHNOLOGY CO LTD [CN]; JIN YAN [CN]; YANG LU [CN]; ZHANG YONGJIE [CN]; WANG AIJUN [CN]	CN20101107208 20100205	A61L27/40; A61L27/60	APPENDAGE-CARRYING TISSUE ENGINEERING SKIN PRODUCING METHOD
US2011236355 A1 20110929	FREED WILLIAM J [US]; VAZIN TANDIS [US]	US200913129661 20091118; US20080199652P 20081118; WO2009US65007 20091118	A61K35/12; A61P25/16; A61P25/28; C12N5/0735	DIFFERENTIATION OF STEM CELLS INTO DOPAMINERGIC CELLS
EP2361303 A1 20110831	FRESENIUS MEDICAL CARE DE GMBH [DE]	WO2009EP64468 20091102; EP20080425708 20081104; EP20090744160 20091102	C12N5/074; A61K35/23; A61P13/12; C12N5/071	AN ISOLATED MULTIPOTENT MESENCHYMAL STEM CELL FROM HUMAN ADULT GLOMERULI (HGL-MSC), A METHOD OF PREPARING THEREOF AND USES THEREOF IN THE REGENERATIVE MEDICINE OF THE KIDNEY
WO2011116636 A1 20110929	FU YU-SHOW [CN]; SHIH YANG-HSIN [CN]	CN20101139657 20100326	A61K35/44; A61P17/02; C12N5/0775	PHARMACEUTICAL COMPOSITION FOR TREATING SKIN WOUND
US2011306132 A1 20111215	FUJIREBIO KK [JP]	JP20090038998 20090223; WO2010JP52455 20100218	C12N5/077	CULTURE MEDIUM AND METHOD FOR INDUCING DIFFERENTIATION INTO BONE CELLS

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WO2011135148 A1 20111103	FUNDACION PROGRESO Y SALUD [ES]; CONSEJO SUPERIOR INVESTIGACION [ES]; MENENDEZ BUJAN PABLO [ES]; LIGERO MARTIN GERTRUDIS [ES]; SANCHEZ CONTRERAS LAURA [ES]; GUTIERREZ ARANDA IVAN [ES]; RODRIGUEZ GONZALEZ RENE [ES]; RUBIO AMADOR RUTH [ES	ES20100030645 20100430	C12N5/073; C12N5/074; C12N5/077	METHOD FOR OBTAINING MESENCHYMAL STEM CELLS FOR BIOMEDICAL USE
WO2011124741 A1 20111013	FUNDACION PROGRESO Y SALUD [ES]; MENENDEZ BUJAN PABLO [ES]; RAMOS MEJIA VERONICA [ES]; REAL LUNA PEDRO J [ES]; BUENO UROZ CLARA [ES]; LIGERO MARTIN GERTRUDIS [ES]; SANCHEZ CONTRERAS LAURA [ES]; GUTIERREZ ARANDA IVAN [ES]	ES20100030512 20100408	C12N5/0735; C12N5/074	USE OF A CULTURE MEDIUM CONDITIONED BY MESENCHYMAL STEM CELLS FOR DIFFERENTIATION OF PLURIPOTENT HUMAN STEM CELLS
RU2431666 C1 20111020	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA KRASNOJARSKIJ G MED UNI IM PR [RU]	RU20100113397 20100406	C12N5/073	METHOD FOR PRODUCING NEURONAL MATRIX
RU2430159 C1 20110927	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA KRASNOJARSKIJ G MED UNI IM PR [RU]	RU20100114380 20100412	C12N5/073	METHOD OF OBTAINING CARDIOMYOCYTAL MATRIX

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JP2011155976 A 20110818	GAMIDA CELL LTD [IL]	US20020350360P 20020124; US20020376183P 20020430; US20020404137P 20020819; IL20020152904 20021117	C12N5/077; C12N15/09; A61K35/12; A61K35/14; A61K35/28; A61K35/407; A61K35/44; A61K47/22; A61L27/00; A61P43/00; C07C51/09; C12N5/071; C12N5/0775; C12N5/0789; C12N5/10; C12Q1/02; G01N33/50	EXPANSION OF RENEWABLE STEM CELL POPULATION
EP2390312 A1 20111130	GAMIDA CELL LTD [IL]	EP20060821601 20061129; US20050289004 20051129	C12N5/00; A61K48/00; C12N5/02; C12N5/0789	METHODS OF IMPROVING STEM CELL HOMING AND ENGRAFTMENT
WO2011113924 A1 20110922	GE HEALTHCARE UK LTD [GB]; ALEXANDROV YURIY [GB]; SANTOS ALBERT FRANCIS [GB]	GB20100004614 20100319	C12N5/00; C12M3/00	A SYSTEM AND METHOD FOR AUTOMATED EXTRACTION OF MULTI-CELLULAR PHYSIOLOGICAL PARAMETERS
CN102245765 A 20111116	GEN HOSPITAL CORP [US]	WO2009US05727 20091021; US20080107023P 20081021	C12N11/08; A61L31/16; C12N5/077	CELL TRANSPLANTATION
US2011195056 A1 20110811	GEN HOSPITAL CORP [US]	US20090999238 20090731; US20080137479P 20080731; US20080100946P 20080929; WO2009US52482 20090731	A61K35/407; A61P1/16; C12N5/07; C12N15/00; C12P21/00; C12Q1/02	COMPOSITIONS COMPRISING HEPATOCYTE-LIKE CELLS AND USES THEREOF

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IL149933 A 20110731	GEN HOSPITAL CORP [US]	US19990169082P 19991206; US20000215109P 20000628; US20000238880P 20001006; WO2000US33031 20001206	C12N15/09; A01K67/027; A61K31/436; A61K31/7088; A61K35/12; A61K35/39; A61K38/00; A61K38/22; A61K39/395; A61K45/00; A61K48/00; A61P3/10; A61P37/06; A61P43/00; C12N5/02; C12N5/071; C12N5/074; C12Q1/00; G01N33/53	ISOLATED NESTIN-POSITIVE HUMAN PANCREATIC STEM CELLS, METHODS OF ISOLATING AND IDENTIFYING THE SAME AND USES THEREOF IN THE PREPARATION OF COMPOSITIONS FOR THE TREATMENT OF DIABETES OR LIVER DISEASE
US2011177032 A1 20110721	GEN HOSPITAL CORP [US]	US20090994960 20090504; US20080057126P 20080529; WO2009US02735 20090504	A61K35/76; A61P35/00; C12N5/071; C12Q1/70	USE ON ONCOLYTIC HERPES VIRUSES FOR KILLING CANCER STEM CELLS
WO2011109612 A2 20110909	GEN HOSPITAL CORP [US]; HOCHEDLINGER KONRAD [US]; STADTFELD MATTHIAS [US]	US20100310118P 20100303	C12Q1/68; C12N5/0735; C12N5/074; C12N15/12	METHOD FOR SELECTING AN IPS CELL
US2011262465 A1 20111027	GENENTECH INC [US]	US200913124428 20091021; US20080196930P 20081022; WO2009US61473 20091021	A61K39/395; A61K31/404; A61K31/497; A61P35/00; C12N5/00; C12N5/02; C12Q1/02	PROSTATE STEM CELLS AND USES THEREOF
US2011293572 A1 20111201	GENEVER PAUL [GB]; BRAY ELLEN [GB]	GB20080005670 20080328; WO2009GB00833 20090327	A61K35/12; C12N5/071; C12N5/074; C12N5/0775; C12N5/078	INCREASING THE PLASTICITY OF STEM CELLS

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IL177324 A 20111229	GERON CORP [US]	US20000175581P 20000111; US20000213740P 20000622; US20000213739P 20000622; US20000216387P 20000707; US20000220064P 20000721; US20000688031 20001010; WO2001US01030 20010110	C12N15/09; C12N5/02; C12N5/07; C12N5/073; C12N5/0735; C12N5/077; C12N5/079; C12N5/0793; C12N5/10; C12N15/10; C12P21/02; C12Q1/02	COMPOSITION COMPRISING PROLIFERATING PRIMATE PLURIPOTENT STEM CELLS
HK1074218 A1 20111202	GERON CORP [US]	WO2002US39089 20021206; US20010338885P 20011207	A01N63/00; A01N65/00; A61K48/00; C12M3/00; C12N5/00; C12N5/02; C12N5/071; C12N5/074; C12N15/17; C12N15/18; C12N15/85	ISLET CELLS FROM HUMAN EMBRYONIC STEM CELLS
IL180447 A 20111031	GERON CORP [US]	US20040587843P 20040713; US20050657990P 20050301; WO2005US25179 20050713	C12N5/0735	MEDIUM FOR GROWING HUMAN EMBRYONIC STEM CELLS
IL188264 A 20111229	GERON CORP [US]	US20050693266P 20050622; WO2006US23976 20060620	C12N5/0735	SUSPENSION CULTURE OF HUMAN EMBRYONIC STEM CELLS
AU2010208137 A1 20110908	GERON CORP [US]	US20090362974 20090130; WO2010US22497 20100129	C12N5/00	SWELLABLE (METH)ACRYLATE SURFACES FOR CULTURING CELLS IN CHEMICALLY DEFINED MEDIA

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CN102159704 A 20110817	GERON CORP [US]	WO2009US00597 20090130; US20080062937P 20080130; US20080062890P 20080130	C12N5/071; C12N5/0735; C12N11/00	SYNTHETIC SURFACES FOR CULTURING CELLS IN CHEMICALLY DEFINED MEDIA
IL200768 A 20111031	GERON CORP [US]; ROBARTS RES INST [CA]	US20010338979P 20011207; WO2002US39091 20021206	C12N5/10; A61K35/12; A61K48/00; A61P7/00; A61P29/00; A61P35/00; A61P35/02; A61P37/02; A61P43/00; C12N5/078	HEMATOPIETIC CELLS FROM HUMAN EMBRYONIC STEM CELLS
US2011306128 A1 20111215	GLYKOS FINLAND OY [FI]; SUOMEN PUNAINEN RISTI VERIPALVELU [FI]	US200913003493 20090713; FI20080005724 20080711; US20080171866 20080711; WO2009FI50624 20090713	C12N5/0735; C12N5/071	CULTURE OF CELLS
ES2370012T T3 20111212	GORROCHATEGUI BARRUETA ALBERTO [ES]	WO2002ES00007 20020109	C12N15/07; A61K35/12; A61K35/16; A61K38/18; A61K38/36; A61L24/00; A61L24/10; A61L26/00; A61L27/38; C12N5/00; C12N5/08	COMPOSICION PARA LA CREACION, REGENERACION Y REPARACION TISULAR MEDIANTE UN IMPLANTE BIOLOGICO QUE PORTA CELULAS ENRIQUECIDO CON CONCENTRADO DE PLAQUETAS Y COMPLEMENTOS.
ES2366085T T3 20111017	GOVERNMENT OF THE US SECRETARY OF THE DEPT OF [US]; US GOV HEALTH & HUMAN SERV [US]	WO2003US12276 20030419	A01N63/00; A01N65/00; A61K48/00; C12N5/00; C12N5/02; C12N5/074; C12N5/077	CELULAS MADRE POSTNATALES Y USOS DE LAS MISMAS.
CN102220282 A 20111019	GUANGDONG PROVINCIAL PEOPLE S HOSPITAL	CN20111105036 20110426	C12N5/095	METHOD FOR SEPARATING LEUKEMIA STEM CELLS FROM LEUKEMIA CELL STRAIN

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CN102199622 A 20110928	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES [CN]	CN20111067834 20110321	C12N15/85; C12N5/10	METHOD FOR APPLYING MIRNA CLUSTERS IN CHANGING CELL FATES
WO2011134210 A1 20111103	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES [CN]; PEI DUANQING [CN]; CHEN JIEKAI [CN]; LIU JING [CN]	CN20101167062 20100430	C12N5/00; C12N5/02; C12N5/07	CULTURE MEDIUM ADDITIVE AND USES THEREOF
CN102234628 A 20111109	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES; NAT KEY LAB OF RESPIRATORY DISEASE	CN20111115680 20110506	C12N5/074; A61K35/12; A61P31/18; C12N15/09; C12N15/63	CCR5 DELETED HEMATOPOIETIC STEM CELL, PREPARATION METHOD AND APPLICATION THEREOF
US2011311552 A1 20111222	GURNEY AUSTIN L [US]; HOEY TIMOTHY [US]; BRUHNS MAUREEN FITCH [US]; AXELROD FUMIKO TAKADA [US]	US200913003013 20090708; US20080079095P 20080708; US20080112699P 20081107; US20080112701P 20081107; WO2009US03995 20090708	A61K39/395; A61P35/00; C07K16/00; C07K16/28; C07K16/46; C12N1/21; C12N5/09; C12N5/10; C12N5/16; C12N5/18; C12N15/13	NOTCH1 RECEPTOR BINDING AGENTS AND METHODS OF USE THEREOF
EP2389942 A1 20111130	GWO REI BIOMEDICAL TECHNOLOGY CORP [TW]	EP20100163843 20100525	A61K38/16; A61K38/18; A61K38/36; C12N5/00	VIRALLY-INACTIVATED GROWTH FACTORS-CONTAINING PLATELET LYSATE DEPLETED OF PDGF AND VEGF AND PREPARATION METHOD THEREOF

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US2011177594 A1 20110721	HADASIT MED RES SERVICE [US]	US201113005978 20110113; US20080794262 20080529; WO2005IL01397 20051229; US20040639809P 20041229	C12N5/071; C12N5/0735	STEM CELLS CULTURE SYSTEMS
US2011302666 A1 20111208	HAMRA FRANKLIN KENT [US]	US200913132301 20091201; US20090187498P 20090616; US20080119005P 20081201; WO2009US66275 20091201	A01K67/027; C12N5/076; C12N5/10; C40B40/02	PRODUCTION AND USE OF RAT SPERMATOGONIAL STEM CELL LINES
CN102154203 A 20110817	HANGZHOU S EVANS BIOSCIENCES CO LTD	CN20101146263 20100413; CN20111093202 20110413	C12N5/0775	METHOD FOR DIRECTIONALLY INDUCING INSULIN-SECRETING CELLS BY ENDOMETRIAL STEM CELLS
CN102199573 A 20110928	HANGZHOU S EVANS BIOSCIENCES CO LTD	CN20101146261 20100413; CN20111092681 20110413	C12N5/0775; C12N5/071	METHOD FOR INDUCING AND DIFFERENTIATING FUNCTIONAL CARDIOCYTES BY UTILIZING ENDOMETRIAL STEM CELLS
CN102154202 A 20110817	HANGZHOU S EVANS BIOSCIENCES CO LTD	CN20101140953 20100406; CN20111085328 20110406	C12N5/0775; A01N1/02	METHOD FOR STORING ENDOMETRIAL STEM CELLS
WO2011146607 A2 20111124	HARVARD COLLEGE [US]; RUBIN LEE [US]; BLANCHARD JOEL [US]; LAM KELVIN [US]	US20100356468P 20100618; US20100345948P 20100518	C12N5/074; A61K35/12; C12N5/10; C12N15/12; C12N15/85; G01N33/15	STABLE REPROGRAMMED CELLS
EP2354220 A1 20110810	HEINRICH KARL GEORG DDR [AT]	AT20100000123 20100129	C12N5/077	METHOD FOR MANUFACTURING A MESENCHYMAL STEM CELL PREPARATION

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US2011177042 A1 20110721	HERLYN MEENHARD [US]; ZABIEROWSKI SUSAN E [US]	US200913120235 20090930; US20080102442P 20081003; WO2009US58950 20090930	A61K35/36; A61K31/19; A61K31/713; A61P17/00; C12N5/074; C12Q1/02	METHOD FOR DEDIFFERENTIATING MELANOCYTES
WO2011099783 A2 20110818	HERSHE BIO INC [KR]; JUNG YOUNG CHOON [KR]; HONG YOUNG SIL [KR]	KR20100012310 20100210	C12N5/0775; A61P37/06; C07K14/475; C12N5/02	METHOD FOR PRODUCING CELL GROWTH FACTORS FROM ADIPOSE-DERIVED STEM CELLS AND MONOCYTES AND APPLICATIONS THEREOF
BRPI0711807 A2 20111206	HOFFMANN LA ROCHE [CH]	EP20060009703 20060511; WO2007EP04085 20070509	C07K16/00; C12N5/0781	MÉTODO PARA A PRODUÇÃO DE ANTICORPOS EM UM ANIMAL IMUNODEFICIENTE INJETADO COM CÉLULAS TRONCO DE FÌGADO FETAL HUMANO
US2011301105 A1 20111208	HOSPITAL FOR SICK CHILDREN [CA]	US201113075647 20110330; WO2009US58723 20090929; US20080101443P 20080930; US20100367780P 20100726; US201061426160P 20101222	A61K31/7028; A61K31/09; A61K31/14; A61K31/155; A61K31/352; A61K31/357; A61K31/366; A61K31/382; A61K31/40; A61K31/4168; A61K31/4355; A61K31/4745; A61K31/498; A61K31/522; A61K31/5375; A61K31/5575; A61K31/57; A61K31/675; A61K31/7034; A61P17/00; A61P17/02; C	COMPOSITIONS FOR PROLIFERATION OF CELLS AND RELATED METHODS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011306133 A1 20111215	HOTTA YOSHIYUKI [JP]	JP20090038977 20090223; WO2010JP52454 20100218	C12N5/077; C07D295/108; C07D307/62; C07D495/04; C07F9/10	CULTURE MEDIUM AND METHOD FOR INDUCING DIFFERENTIATION INTO ADIPOCYTES
BRPI0618411 A2 20110906	HU JIFAN [US]	US20050726915P 20051014; US20060358465 20060221; WO2006US40723 20061016	C12N5/02; A61K35/54; C12N5/00; C12N5/074; C12N15/01	MÉTODO PARA O REJUVENESCIMENTO DE CÉLULAS ENVELHECIDAS, MÉTODO DE REJUVENESCIMENTO DE CÉLULAS COMO CÉLULAS DO TIPO TRONCO EMBRIÈNICAS (TTE) PLURIPOTENTES, MÉTODO DE REJUVENESCIMENTO DE CÉLULAS SOMÁTICAS COMO CÉLULAS TTE PLURIPOTENTES ATRAVÉS DA TRANSFECÇÃ
CN102250839 A 20111123	HUIFEI CUI; JIANGXI IPSEN PHARMACEUTICAL CO LTD	CN20111161968 20110616	C12N5/0789	UNIVERSAL CELL PROCESSING KIT AND APPLICATION METHOD THEREOF
US2011281356 A1 20111117	HUMAN BIOMOLECULAR RES INST [US]; SANFORD BURNHAM MEDICAL RES INST [US]	US201113107592 20110513; US20090561235 20090916; US20080097823P 20080917	C12N5/0735; C07D215/54; C12N5/074	COMPOUNDS FOR STEM CELL DIFFERENTIATION
US2011200568 A1 20110818	IKEDA YASUHIRO [US]; TERZIC ANDRE [US]; NELSON TIMOTHY J [US]; MAEL AMBER A [US]; FERNANDEZ ALMUDENA J MARTINEZ [US]; YAMADA SATSUKI [US]	US200913058154 20090810; US20080087492P 20080808; US20090271341P 20090720; US20090273654P 20090805; WO2009US53314 20090810	A61K35/12; A61P9/00; C12N5/071; C12N5/10	INDUCED PLURIPOTENT STEM CELLS

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US2011195021 A1 20110811	IMMUNOGEN INC [US]	US201113024556 20110210; US20100303249P 20100210; US20100406464P 20101025	A61K51/00; A61K39/395; A61K49/00; A61P35/00; C07H21/04; C07K16/00; C12N5/00; C12N5/02; C12N15/63	CD20 ANTIBODIES AND USES THEREOF
US2011195022 A1 20110811	IMMUNOGEN INC [US]	US201113024671 20110210; US20100303210P 20100210	A61K51/00; A61K39/395; A61K49/00; A61P1/00; A61P3/10; A61P11/00; A61P11/06; A61P17/02; A61P19/02; A61P29/00; A61P31/12; A61P35/00; A61P37/00; C07H21/04; C07K14/435; C07K17/02; C12N5/02; C12N5/10; C12N15/63	CD20 ANTIBODIES AND USES THEREOF
KR20110087403 A 20110803	INHA IND PARTNERSHIP INST [KR]	KR20100006805 20100126	C12N5/0793; C12N5/02; C12N5/0735	COMPARTMENTAL CULTURE METHOD OF PRIMARY NEURONS USING EMBRYONIC STEM CELL
CN102250838 A 20111123	INNER MONGOLIA MEDICAL COLLEGE	CN20111159593 20110604	C12N5/0789; C12N5/0775	CLINICAL AND EXPERIMENTAL FOREIGN PROTEIN-FREE STEM CELL CULTURE MEDIUM ADDITIVE AND APPLICATION THEREOF
CN102228718 A 20111102	INST BASIC MED SCIENCES PLA	CN20111172555 20110624	A61L27/38; C12N5/0797	TISSUE-ENGINEERED NEURAL TISSUES AND CONSTRUCTION METHOD THEREOF
WO2011157029 A1 20111222	INST BIOPHYSICS CN ACAD SCI [CN]; MA YUE [CN]	CN20101207603 20100613	C12N5/00; A61K35/12; A61K35/48; A61P9/00; C12N5/071	METHODS AND COMPOSITIONS FOR PREPARING CARDIOMYOCYTES FROM STEM CELLS AND USES THEREOF

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US2011165130 A1 20110707	INST NAT SANTE RECH MED [FR]	US20090999129 20090623; EP20080305320 20080625; EP20080305447 20080804; EP20090305077 20090128; US20080090957P 20080822; WO2009EP57817 20090623	A61K35/36; A61P17/02; C12N5/071; C12Q1/02	METHODS FOR PREPARING HUMAN SKIN SUBSTITUTES FROM HUMAN PLURIPOTENT STEM CELLS
WO2011104200 A1 20110901	INST NAT SANTE RECH MED [FR]; NISSAN XAVIER [FR]; BALDESCHI CHRISTINE [FR]; LEMAITRE GILLES [FR]; PESCHANSKI MARC [FR]	EP20100305183 20100224; US20100307056P 20100223	C12N5/0735	METHODS FOR PREPARING HUMAN MELANOCYTES FROM HUMAN PLURIPOTENT STEM CELLS
CN102212526 A 20111012	INST OF ANIMAL SCIENCES CHINESE ACADEMY OF AGRICULTURAL SCIENCES CAAS	CN20111082917 20110402	C12N15/12; C12N5/10; C12N15/63	METHOD FOR ACQUIRING ANIMAL PERMANENT TRANSGENES THROUGH SPERMATOGONIAL STEM CELLS (SSCS), RECOMBINANT PLASMID AND GERM CELLS OF PERMANENT TRANSGENES
CN102120983 A 20110713	INST OF ANIMAL SCIENCES CHINESE ACADEMY OF AGRICULTURAL SCIENCES CAAS	CN20101033940 20100107	C12N5/071	SEPARATION AND CULTURE METHOD OF EPIDERMAL STEM CELLS OF BEIJING DUCKS

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WO2011124029 A1 20111013	INST ZOOLOGY CAS [CN]; INST GENETICS & DEV BIOLOG CAS [CN]; ZHOU QI [CN]; WANG XIUJIE [CN]; WANG LIU [CN]; LIU LEI [CN]; ZHAO XIAOYANG [CN]; YANG WEI [CN]; LUO GUANZHENG [CN]; LV ZHUO [CN]; ZHENG QINYUAN [CN]; WU HUAJUN [CN]; LI WEI [CN]	WO2010CN71622 20100407	C12N5/07; C12N5/071; C12N15/11	KEY GENES, MICRORNAS, OTHER NON-CODING RNAS AND COMBINATIONS THEREOF FOR IDENTIFYING AND REGULATING PLURIPOTENCY OF CELLS
EP2367931 A1 20110928	INTERNAT STEM CELL CORP [US]	WO2009US66464 20091202; US20080119570P 20081203	C12N5/071	METHODS OF DERIVING DIFFERENTIATED CELLS FROM STEM CELLS
SG172600 A1 20110728	INTERNAT STEM CELL CORP [US]	US20050729177P 20051021; US20050733309P 20051102; US20060758443P 20060111; US20060813799P 20060614	C12N5/0735; C12N5/075; C12N15/877	PARTHENOGENIC ACTIVATION OF HUMAN OOCYTES FOR THE PRODUCTION OF HUMAN EMBRYONIC STEM CELLS
GB2480931 A 20111207	INTERNAT STEM CELL CORP [US]	US20060833194P 20060724; GB20060021069 20061023	C12N5/0735; A61F2/14; A61P27/02; C12N5/071; C12N5/074	SYNTHETIC CORNEAL TISSUE COMPRISING HUMAN PARTHENOTE DERIVED STEM CELLS
WO2011133599 A2 20111027	INTERNAT STEM CELL CORP [US]; TUROVETS NIKOLAY [US]; SEMECHKIN ANDREY [US]; AGAPOVA LARISSA [US]; JANUS JEFFREY [US]	US20100345949P 20100518; US20100326084P 20100420	C12Q1/24; A61K35/12; C12N5/0735; C12N5/074	PHYSIOLOGICAL METHODS FOR ISOLATION OF HIGH PURITY CELL POPULATIONS

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NZ575075 A 20111028	INTREXON CORP	US20060820381P 20060726; US20070889095P 20070209; WO2007US16747 20070726	A61K31/711; A61K48/00; C12N5/00; C12N15/00	METHOD FOR REMOVING DISEASED CELLS FROM NON-DISEASED CELLS
US8048675 B1 20111101	IPIERIAN INC [US]	US20100778938 20100512	G01N33/567; C12N5/071	INTEGRATION-FREE HUMAN INDUCED PLURIPOTENT STEM CELLS FROM BLOOD
CN102203096 A 20110928	IRM LLC; SCRIPPS RESEARCH INST [US]	WO2009US62646 20091029; US20080109821P 20081030; US20090242765P 20090915	C07D473/34; A61K35/14; A61K35/28; A61P3/00; A61P7/06; A61P25/00; A61P35/02; A61P37/00; C07D471/04; C07D487/04; C07D519/00; C12N5/071; C12N5/074; C12N5/0789	COMPOUNDS THAT EXPAND HEMATOPOIETIC STEM CELLS
EP2389436 A2 20111130	ITI SCOTLAND LTD [GB]	WO2010GB00002 20100107; GB20090001069 20090122; GB20090016476 20090918	C12N5/0735	STEM CELL CULTURE METHODS
KR20110094753 A 20110824	IUCF HYU [KR]	KR20100014350 20100217	C12N5/079; A61K35/30; C12M1/18; C12N5/0735	METHOD FOR DIFFERENTIATING OF EMBRYO STEM CELL INTO NURONS USING SUBSTRATE HAVING NANO-PATTERENED SURFACE
WO2011106775 A2 20110901	IZADPANAH REZA [US]; ALT ECKHARD U [US]	US20100308931P 20100227	C12N5/077	DERIVATION OF HEMATOPOIETIC CELLS FROM ADULT MESENCHYMAL STEM CELLS

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CN102203275 A 20110928	IZUMI BIO INC	WO2009US47291 20090612; US20080061594P 20080613; US20080061592P 20080613	C12Q1/02; C12N5/071; G01N33/15	METHODS AND PLATFORMS FOR DRUG DISCOVERY
US2011274663 A1 20111110	JAPAN CHEM RES [JP]	JP20070286778 20071102; WO2008JP69404 20081027	A61K35/12; A61K35/28; A61P29/00; A61P37/06; C12N5/0775	PHARMACEUTICAL COMPOSITION CONTAINING HUMAN MESENCHYMAL STEM CELL
WO2011128930 A1 20111020	JAPAN HEALTH SCIENCE FOUND [JP]; ISHIDA NORIO [JP]; NAKASHIMA MISAKO [JP]	WO2010JP02652 20100412	C12M3/00; C12N5/071	CELL DIFFERENTIATION DEVICE, CELL DIFFERENTIATION METHOD, AND ODONTOBLAST
CN102250837 A 20111123	JIANGSU BEIKE BIO TECHNOLOGY CO LTD	CN20111176693 20110628	C12N5/0775	DIGITAL AUTOMATIC PRODUCTION METHOD FOR UMBILICAL CORD MESENCHYMAL STEM CELLS
CN102239821 A 20111116	JIAWEI ZHENG; HUAMING MAI; WEIEN YUAN	CN20111118832 20110510	A01K67/027; A61K49/00; C12N5/071; C12N5/095	HUMAN HEMANGIOMA ANIMAL MODEL AND CONSTRUCTING METHOD AND APPLICATION THEREOF
EP2388314 A1 20111123	JMS CO LTD [JP]	WO2010JP50795 20100122; JP20090015639 20090127; JP20100006277 20100114	C12N5/00; A61K35/14; C12N5/02; C12N5/07	METHOD FOR CONTROLLING PROLIFERATION OF CORD BLOOD HEMATOPOIETIC STEM CELLS AND USE THEREOF
WO2011087103 A1 20110721	JMS CO LTD [JP]; OGATA KASUMI	JP20100007213 20100115	C12N5/071; A61K35/55; A61P43/00; C12N5/074	PROLIFERATION PROMOTER FOR MESENCHYMAL STEM CELLS, METHOD FOR PROMOTING PROLIFERATION OF MESENCHYMAL STEM CELLS USING SAME, AND METHOD FOR PRODUCING SAME

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JP2011212023 A 20111027	KANEKA CORP; UNIV NAGOYA	JP20040215556 20040723; JP20110167968 20110801	C12N5/0775; C12N5/00; C12N5/077	METHOD FOR INDUCING DIFFERENTIATION OF MESENCHYMAL STEM CELL INTO ODONTOBLAST CELL
KR20110095218 A 20110824	KANG STEM HOLDINGS CO LTD [KR]	KR20100014771 20100218	C12N5/074; A61K35/12; C12Q1/24; G01N33/53	CD49F PROMOTING PROLIFERATION, MULTIPOTENCY AND REPROGRAMMING OF ADULT STEM CELLS VIA PI3K/AKT/GSK3 PATHWAY
KR20110110058 A 20111006	KANG STEM HOLDINGS CO LTD [KR]	KR20100029545 20100331	C12N5/074; C12N15/113; C12N15/115	METHOD FOR INHIBITING SENESCENCE OF ADULT STEM CELLS USING INHIBITION OF MIRNA EXPRESSION
US2011318833 A1 20111229	KATZ ADAM J [US]; LLULL RAMON [ES]; FUTRELL J WILLIAM [US]; HEDRICK MARC H [US]; BENHAIM PROSPER [US]; LORENZ HERMANN PETER [US]; ZHU MIN [US]	US201113226338 20110906; US20090653940 20091218; US20040797371 20040309; US20010936665 20010910; WO2000US06232 20000310; US19990123711P 19990310; US19990162462P 19991029	C12N5/0775; C12N5/00; C12N5/077; C12N5/0789	ADIPOSE-DERIVED STEM CELLS AND LATICCES
WO2011161962 A1 20111229	KAWASAKI HEAVY IND LTD [JP]; WATAKABE KEIZO; SAKURAI TAKASHI; OHJI OSAMU; NAKASHIMA KATSUMI	JP20100145468 20100625	C12Q1/02; C12M1/34; C12M3/00; C12N5/071	METHOD AND DEVICE FOR IDENTIFYING MULTIPOTENT STEM CELL COLONY, AND METHOD AND DEVICE FOR AUTOMATIC CULTURING OF MULTIPOTENT STEM CELLS
EP2384369 A2 20111109	KCI LICENSING INC [US]	WO2010US22164 20100127; US20090148667P 20090130	C12Q1/68; C12N5/074; C12N15/12	ADULT STEM CELL ASSAYS

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GR1007478 B 20111213	KOLIAKOS GEORGIOS GEORGIOU [GR]	GR20100100605 20101020	A61M1/02; C12N5/07	METHOD FOR THE COLLECTION OF BLOOD FROM PLACENTA WHICH IS HEMATOPOETIC AND MESENCHYMAL STEM CELLS.
GR1007490 B 20111221	KOLIAKOS GEORGIOS GEORGIOU [GR]	GR20100100609 20101022	A61M1/02; C12N5/07	METHOD OF ISOLATION OF MESENCHYMAL STEM CELLS FROM THE ENTIRE BODY OF THE UMBILICAL CORD.
AU2010211428 A1 20110818	KONINK NL AKADEMIE VAN WETENSCHAPPEN	US20090149622P 20090203; EP20090171831 20090930; EP20090151970 20090203; WO2010NL00017 20100203	C12N5/073	CULTURE MEDIUM FOR EPITHELIAL STEM CELLS AND ORGANOIDS COMPRISING SAID STEM CELLS.
US2011263018 A1 20111027	KOREA INST SCI & TECH [KR]	KR20100038221 20100426	C12N5/02; C12N5/00	CORE-SHELL STRUCTURED DELIVERY SYSTEM FOR GROWTH FACTORS, A PREPARATION METHOD THEREOF, AND USE THEREOF FOR THE DIFFERENTIATION OR PROLIFERATION OF CELLS
KR20110129842 A 20111202	KOREA INST SCI & TECH [KR]	KR20090024681 20090324	A61K35/12; C12M3/00; C12N5/071; C12N11/04	METHOD FOR THE DIFFERENTIATION OF STEM CELLS INTO VASCULAR ENDOTHELIAL CELLS AND INDUCTION OF ANGIOGENESIS USING THE SAME
US2011305680 A1 20111215	KOREA RES INST OF BIOSCIENCE [KR]	KR20080049034 20080527; WO2008KR06612 20081110	A61K35/12; A61P35/00; C12N5/0783	COMPOSITION CONTAINING OSTEOPONTIN FOR DIFFERENTIATING NATURAL KILLER CELL AS AN ACTIVE INGREDIENT AND A METHOD OF DIFFERENTIATION USING THEREOF
WO2011139132 A2 20111110	KOREA RES INST OF BIOSCIENCE [KR]; CHO YEE SOOK [KR]; SON MI YOUNG [KR]; KIM HYUN JIN [KR]	KR20100043211 20100507	C12N5/0735	METHOD FOR THE MASS PROLIFERATION OF EMBRYOID BODIES PRODUCED FROM STEM CELLS, AND FOR MAINTAINING THE EMBRYOID BODIES

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ES2364563T T3 20110906	KOWA CO [JP]; KITAKAZE MASAFUMI; MINAMINO TETSUO; HIRATA AKIO	JP20040218243 20040727	C12N15/02; A61K9/08; A61K9/19; A61K31/7076; A61K35/12; A61L27/00; A61P9/04; C12N5/077; C12N5/095; C12N5/10	PROMOTOR DE LA FUSION CELULAR Y UTILIZACION DEL MISMO.
US2011262402 A1 20111027	KURODA MASAHIKO [JP]; TAKANASHI MASAKATSU [JP]; SUDO KATSUKO [JP]; YAMAUCHI SHIGEKI [JP]; SHIRONO HIROYUKI [JP]; HIRADO TORU [JP]; MAEDA KENICHI [JP]	JP20070233094 20070907; WO2008JP65943 20080904	A61K35/12; A61K35/28; A61P19/02; C12N5/00; C12N5/071	THERAPEUTIC AND PROPHYLACTIC AGENTS FOR ARTHRITIS
PT1759536E E 20110908	KWALATA TRADING LTD [CY]	US20040576266P 20040601; US20040588520P 20040715	C12N5/07; C12N5/074; C12N5/078; H04Q7/00	IN VITRO TECHNIQUES FOR USE WITH STEM CELLS
ES2366701T T3 20111024	KWALATA TRADING LTD [CY]	US20040576266P 20040601	C12N5/07; C12N5/078	TECNICAS IN VITRO PARA SU USO CON CELULAS MADRE.
EP2374884 A2 20111012	KYOWA HAKKO KIRIN CO LTD [JP]	EP20070828180 20070904; JP20060238459 20060904	C12N15/09; A61K31/7088; A61K48/00; A61P3/10; A61P19/08; A61P35/00; A61P43/00; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12N15/11; C12N15/113; C12Q1/68	HUMAN MIRNAS ISOLATED FROM MESENCHYMAL STEM CELLS
JP2011160661 A 20110825	KYOWA HAKKO KIRIN CO LTD [JP]	JP20080145022 20080602	C12N5/07; C12N5/10	REPROGRAMMING METHOD OF BLOOD CELL
KR20110076865 A 20110706	KYUNGPOOK NAT UNIV IND ACAD [KR]	KR20110060319 20110621	C07K14/47; C12N5/0775	COMPOSITION FOR STIMULATING DIFFERENTIATION OF THE OSTEOBLAST

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US2011195497 A1 20110811	LANGE CLAUDIA [DE]; ZANDER AXEL ROLF [DE]	US20100946648 20101115; DE20031036152 20030806; US20040567021 20040806; WO2004EP08865 20040806	C12N5/0775	METHOD FOR PURIFYING MESENCHYMAL STEM CELLS
US2011165682 A1 20110707	LEE JAU-NAN [TW]; LEE TONY TUNG-YING [US]; LEE YUTA [TW]	US20100972237 20101217; US20090405112 20090316; US20060361588 20060224; US20050655747P 20050224	C12N15/85; C12N5/071; C12N5/073; C12N5/0735	HUMAN TROPHOBLAST STEM CELLS AND USE THEREOF
US2011268708 A1 20111103	LIN CHING SHWUN [US]; LUE TOM F [US]; LIN GUITING [US]	US20090997067 20090608; US20080060701P 20080611; US20090168148P 20090409; WO2009US46587 20090608	A61K35/12; A61P3/10; A61P9/00; A61P13/00; A61P17/02; A61P19/02; C12N5/0775	ADIPOSE TISSUE-DERIVED STEM CELLS FOR VETERINARY USE
CN102224241 A 20111019	LOS ANGELES CHILDRENS HOSPITAL	WO2009US05779 20091023; US20080108313P 20081024	C12N5/02	AMNIOTIC FLUID CELLS AND USES THEREOF

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US2011177593 A1 20110721	MAKOTO FUNAKI [US]	US20080452281 20080630; US20070929487P 20070629; US20070929489P 20070629; US20070960070P 20070914; WO2008US08120 20080630	C12N5/071; C12N5/02; C12N5/0775	LOW RIGIDITY GELS FOR MSC GROWTH MODULATION
US2011274662 A1 20111110	MALCUIT CHRISTOPHER [US]; LEMIEUX LINDA [US]; HOLMES WILLIAM [US]; HUERTAS PEDRO [US]; VILNER LUCY [US]	US20080682712 20081010; US20080009911P 20080102; US20080009908P 20080102; US20070998668P 20071012; US20070998766P 20071012; WO2008US11669 20081010	A61K35/12; A61P27/02; C12N5/071; C12Q1/02	METHODS OF PRODUCING RPE CELLS AND COMPOSITIONS OF RPE CELLS
US2011311977 A1 20111222	MANDAL ARUNDHATI [IN]; SAHA DEBAPRIYA [IN]; RAVINDRAN GEETA [IN]; VISWANATHAN CHANDRA [IN]	US20100903016 20101012; IN2005MU00595 20050517; US20060436193 20060517	C12Q1/68; C12N5/00; C12N5/071; G01N33/50; G01N33/53	IN VITRO GENERATION OF HEPATOCYTES FROM HUMAN EMBRYONIC STEM CELLS
US2011182916 A1 20110728	MARIE PIERRE [FR]; OLIVIA FROMIGUE [FR]; ZAHIRA HAMIDOUCHE [FR]	EP20080290752 20080805; WO2009IB06826 20090805	A61K39/395; A61K38/08; A61P19/08; C07K7/06; C07K16/18; C12N5/0775	USE OF AGONISTS OF INTEGRIN ALPHA 5 FOR INDUCING THE OSTEOGENIC DIFFERENTIATION OF MESENCHYMAL STEM CELLS

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US2011275154 A1 20111110	MARTIN ARTHUR W [US]; O'MALLEY SHAWN M [US]; SHANNON SIMON K [US]; SHOGBON CHRISTOPHER B [US]; TRUESDALE CARL M [US]; ZHOU YUE [US]	US20100783125 20100519; US20090180279P 20090521	C12N5/07	DERIVATIZED PEPTIDE-CONJUGATED (METH) ACRYLATE CELL CULTURE SURFACE AND METHODS OF MAKING
KR20110079674 A 20110707	MASSACHUSETTS INST TECHNOLOGY [US]	US20080194076P 20080924	G01N33/52; C12N5/0735; C12N5/074; G01N33/574	METHODS FOR IDENTIFYING STEM CELLS BY DETECTING FLUORESCENCE OF CELLS AND SYNCYTIA
US2011280861 A1 20111117	MASSACHUSETTS INST TECHNOLOGY [US]; GEN HOSPITAL CORP [US]	US200913058076 20090810; US20080087237P 20080808; WO2009US53290 20090810	A61K31/7105; A61K31/7088; A61K35/12; A61K38/02; A61K39/395; A61P35/00; A61P35/02; A61P37/02; C12N5/0789; C12N15/113	METHOD FOR MIR-125A IN PROMOTING HEMATOPOIETIC STEM CELL SELF RENEWAL AND EXPANSION
US2011191868 A1 20110804	MASSACHUSETTS INST TECHNOLOGY [US]; WHITEHEAD BIOMEDICAL INST [US]	US20090937070 20090410; US20080043948P 20080410; US20080053563P 20080515; WO2009US02254 20090410	A61K31/7048; A01K67/00; A61P35/00; C12N5/095; C12Q1/02	METHODS FOR IDENTIFICATION AND USE OF AGENTS TARGETING CANCER STEM CELLS
CA2703428 A1 20111111	MCGILL UNIVERSITY HEALTH CT [CA]	CA20102703428 20100511	A61K35/44; A61K35/14; C12N5/073	POOLED CORD BLOOD UNITS
EP2348104 A1 20110727	MCL LLC [US]	EP20000953840 20000804; US19990147324P 19990805; US19990164650P 19991110	C12N5/074; A61K48/00; A61P35/00	MULTIPOTENT ADULT STEM CELLS AND METHODS FOR ISOLATION

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ES2368809T T3 20111122	MCL LLC [US]; ABT HOLDING COMPANY [US]	US19990147324P 19990805	C12N5/074; A61K48/00	CELULAS MADRE ADULTAS MULTIPOTENTES Y PROCEDIMIENTOS PARA SU AISLAMIENTO.
KR20110134939 A 20111215	MCLEAN HOSPITAL CORP [US]	US20090166635P 20090403	C12N5/074; A61K35/12; C07K7/06; C12N5/10	INDUCED PLURIPOTENT STEM CELLS
WO2011130675 A2 20111020	MCLEAN HOSPITAL CORP [US]; COOPER OLIVER [US]; ISACSON OLE [US]	US20100325232P 20100416	C12N5/0735; A61K35/30; A61P25/16; C12N5/02; C12N5/079	DOPAMINERGIC NEURONS DIFFERENTIATED FROM PLURIPOTENT STEM CELLS AND USES OF THEREOF
US2011262393 A1 20111027	MEDIPOST CO LTD [KR]	US200913129363 20091116; KR20080113465 20081114; KR20090072114 20090805; KR20090108662 20091111; US20080193293P 20081114; WO2009KR06712 20091116	A61K38/20; A61K35/12; A61K38/17; A61K38/18; A61P25/08; A61P25/16; A61P25/24; A61P25/28; C07K14/435; C07K14/475; C07K14/49; C07K14/54; C12N5/02; C12N5/0775; C12N5/0793	COMPOSITION COMPRISING MESENCHYMAL STEM CELLS OR CULTURE SOLUTION OF MESENCHYMAL STEM CELLS FOR THE PREVENTION OR TREATMENT OF NEURAL DISEASES
MX2011011961 A 20111206	MEDIPOST CO LTD [KR]	KR20090041753 20090513; US20090182484P 20090529; WO2010KR03040 20100513	C12N5/077; A61K35/32; C07K14/47; C12N5/02; G01N33/68	TSP-1, TSP-2, IL-17BR AND HB-EGF ASSOCIATED WITH STEM CELL ACTIVITIES AND APPLICATIONS THEREOF.
WO2011127090 A1 20111013	MEDSTAR HEALTH RES INST INC [US]; EPSTEIN STEPHEN E [US]; BURNETT MARY SUSAN [US]; NAJAFI AMIR [US]	US20100320937P 20100405; US20100356135P 20100618	A61K35/12; A61K35/14; A61K35/28; A61K47/00; A61P9/10; A61P17/02; C12N5/00	CONDITIONED MEDIUM OBTAINED FORM STEM CELLS AND ITS USE IN THERAPY

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ES2370688T T3 20111221	MERCK PATENT GMBH [DE]	EP20020013423 20020613	C12N15/09; G01N33/68; A61K35/12; A61K38/00; A61K39/00; A61K39/39; A61P35/00; A61P35/02; A61P37/06; C07K7/06; C07K7/08; C07K14/47; C07K16/18; C12N5/10; C12N15/10; C12P21/08; C12Q1/68; G01N33/569; G01N33/574	METODOS PARA LA IDENTIFICACION DE ALO-ANTIGENOS Y SU UTILIZACION PARA LA TERAPIA CONTRA EL CANCER Y PARA EL TRASPLANTE.
CN102154201 A 20110817	MINGQI TANG	CN20111026680 20110121	C12N5/0775; C12N5/0789	HUMAN MARROW, CORD BLOOD OR PERIPHERAL BLOOD STEM CELLS TREATING KIT AND STEM CELLS SEPARATING METHOD
JP2011224378 A 20111110	MOCHIDA PHARM CO LTD; UNIV HOKKAIDO	JP20070041520 20070221; JP20070277005 20071024; JP20110101107 20110428	A61L27/00; A61F2/28; A61K9/08; A61K31/734; A61K35/28; A61K47/36; A61P19/02; C12N5/0775	COMPOSITION FOR TREATMENT OF CARTILAGE DISEASE
ES2364878T T3 20110915	MORAGA BIOTECHNOLOGY INC [US]	US20040606913P 20040903; US20040607624P 20040908; WO2005US30284 20050824	C12N5/074	CELULAS MADRE DE TIPO BLASTOMERO TOTIPOTENCIALES NO EMBRIONARIAS Y PROCEDIMIENTOS DE LAS MISMAS.
US2011274670 A1 20111110	NAM MYEONG JIN [KR]; LEE SANG KOO [KR]	KR20080055690 20080613; KR20080132794 20081224; WO2009KR01446 20090320	A61K35/12; A61K31/7088; A61P1/16; A61P35/00; C12N5/02; C12N5/0775; C12N5/10; C12N15/85; C12N15/861; C12N15/867	MESENCHYMAL STEM CELLS WHICH EXPRESS HUMAN HEPATIC GROWTH FACTOR,MANUFACTURING METHOD THEREOF, AND USE THEREOF AS THERAPEUTIC AGENT FOR LIVER DISEASES

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WO2011088379 A1 20110721	NANOINK INC [US]; ULIVE ENTPR LTD [GB]; HUNT JOHN A [GB]; CURRAN JUDITH M [GB]; GRAHAM DUNCAN [GB]; JAMIL HARIS [US]; AMRO NABIL A [US]; SANEDRIN RAYMOND [US]; GUBBINS EARL [US]	US20100295133P 20100114	C12N5/077; C12N5/00	PATTERNED SURFACES AND METHODS OF USE FOR STEM CELL CULTURE
US2011244571 A1 20111006	NANOLNK INC [US]	US200913122557 20091005; US20080103199P 20081006; WO2009US59566 20091005	C12N5/071; C12N5/0735; C12N5/074; C12N5/077; C12N5/078; C12N5/0781; C12N5/0783; C12N5/0786; C12N5/0787; C12N5/079; C12N5/0793	CELL GROWTH
WO2011148983 A1 20111201	NAT CANCER CT [JP]; ISHIKAWA TETSUYA [JP]	JP20100119385 20100525	C12N5/10; A01K67/027; A61K39/00; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	INDUCED MALIGNANT STEM CELLS OR PRE-INDUCTION CANCER STEM CELLS CAPABLE OF SELF-REPLICATION OUTSIDE OF AN ORGANISM, PRODUCTION METHOD FOR SAME, AND PRACTICAL APPLICATION FOR SAME
WO2011096223 A1 20110811	NAT CANCER CT [JP]; ISHIKAWA TETSUYA [JP]; HAGIWARA KEITARO [JP]; OCHIYA TAKAHIRO [JP]	JP20100022600 20100203	C12N5/10; A01K67/027; A61K35/12; C12N5/071; C12P21/02; C12Q1/02	INDUCED HEPATIC STEM CELL AND PROCESS FOR PRODUCTION THEREOF, AND APPLICATIONS OF THE CELL
KR20110085739 A 20110727	NAT UNIV CHONBUK IND COOP FOUN [KR]	KR20100005685 20100121	C12N5/0735; C12N1/38; C12N5/02	A METHOD FOR PREVENTION OF CHROMOSOMAL ABERRATION IN PLURIPOTENT STEM CELLS THROUGH THE INHIBITION OF SIRT1 ACTIVITY

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KR20110085818 A 20110727	NAT UNIV CHONBUK IND COOP FOUN [KR]	KR20100005728 20100121	C12N5/02; A61K31/375; A61K38/43; C12N5/0735	CHROMOSOMAL ABERRATION INHIBITOR OF STEM CELL
KR20110095550 A 20110825	NAT UNIV GYEONGSANG IACF [KR]	KR20100015081 20100219	C12N5/02; A61K35/12; C12N5/0775	A CULTURE MEDIUM FOR IMPROVEMENT OF PRODUCTION OF MESENCHYMAL STEM CELL FROM A PORINE UMBILICAL CORD AND CELL THERAPEUTIC AGENT
WO2011158845 A1 20111222	NAT UNIVERSITY CORP KUMAMOTO UNIVERSITY [JP]; AKIYAMA HIDENORI [JP]; SHIRAISHI ERI [JP]; KITANO TAKESHI [JP]	JP20100135921 20100615	C12N5/00; C12N5/074; C12N15/09	PROCESS FOR PRODUCTION OF INDUCED PLURIPOTENT STEM CELL, AND INDUCED PLURIPOTENT STEM CELL PRODUCED BY THE PROCESS
WO2011121636 A1 20111006	NAT UNIVERSITY CORP KUMAMOTO UNIVERSITY [JP]; SENJU SATORU [JP]; NISHIMURA YASUHARU [JP]	WO2010JP02273 20100329	C12N5/10; C12N15/09	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS
IL204356 A 20110927	NEURALSTEM INC [US]	US20040629220P 20041117; WO2005US41631 20051117	C12N5/0797	METHOD COMPRISING USE OF POLY-D-LYSINE FOR CULTURING HUMAN NEURAL STEM CELLS
US2011274742 A1 20111110	NEW JERSEY TECH INST	US201113097657 20110429; US20100661242 20100312; US20100329172P 20100429	A61K9/70; A61K31/717; A61K35/12; A61P19/00; A61P19/02; C12N5/02	CARTILAGE REPAIR SYSTEMS AND APPLICATIONS UTILIZING A GLYCOSAMINOGLYCAN MIMIC
NZ586073 A 20111028	NEW YORK MEDICAL COLLEGE	US20020162796 20020605; NZ20030561946 20030312	A61K38/18; A61K38/00; A61K38/19; A61K38/22; A61K38/30; A61P9/00; A61P9/04; C12N5/02; C12N5/077; C12N5/0789	METHODS AND COMPOSITIONS FOR THE REPAIR AND/OR REGENERATION OF DAMAGED MYOCARDIUM

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US2011306516 A1 20111215	NEW YORK STEM CELL FOUNDATION [US]	US201113159030 20110613; US20100354987P 20100615	C40B30/04; C12N5/071; C12Q1/04; C12Q1/68; G01N33/566	METHODS FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS
JP2011205929 A 20111020	NIPPON DENTAL UNIV	JP20100075304 20100329	C12N5/074; A61K35/12; A61P1/02	NOVEL GINGIVAL EPITHELIUM-DERIVED STEM CELL AND METHOD FOR PRODUCING THE SAME
JP2011177140 A 20110915	NIPPON DENTAL UNIV	JP20100046730 20100303	C12N5/02; C12N5/0775	SERUM-FREE MEDIUM FOR STEM CELL CULTURE
JP2011211954 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083138 20100331	C12N5/071	AGENT FOR MAINTAINING UNDIFFERENTIATION OF STEM CELL AND PROLIFERATION PROMOTER
JP2011200180 A 20111013	NIPPON MENAADE KESHOHIN KK	JP20100071762 20100326	C12N5/0735	UNDIFFERENTIATION MAINTAINING AGENT AND PROLIFERATION PROMOTER OF STEM CELL
JP2011211960 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083361 20100331	C12N5/0775; C12N5/04; C12N5/0735	UNDIFFERENTIATION-MAINTAINING AGENT FOR STEM CELL AND GROWTH PROMOTING AGENT
JP2011211956 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083189 20100331	C12N5/074	UNDIFFERENTIATION-MAINTAINING AGENT FOR STEM CELL AND GROWTH-PROMOTING AGENT
JP2011211957 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083228 20100331	C12N5/0735; C12N1/00; C12N5/074	UNDIFFERENTIATION-MAINTAINING AGENT FOR STEM CELL AND GROWTH-PROMOTING AGENT
JP2011211958 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083272 20100331	C12N5/074; C12N5/0735	UNDIFFERENTIATION-MAINTAINING AGENT FOR STEM CELL AND GROWTH-PROMOTING AGENT
JP2011211959 A 20111027	NIPPON MENAADE KESHOHIN KK	JP20100083320 20100331	C12N5/0775; C12N5/0735	UNDIFFERENTIATION-MAINTAINING AGENT FOR STEM CELL AND GROWTH-PROMOTING AGENT
WO2011158806 A1 20111222	NISSAN CHEMICAL IND LTD [JP]; UNIV CHIBA NAT UNIV CORP [JP]; NISHINO TAITO [JP]; IWAMA ATSUSHI [JP]	JP20100188594 20100825; JP20100135431 20100614	C12N5/078; A61K31/122; A61P43/00; C12N5/071; C12N5/10	PROCESS FOR PRODUCTION OF HEMATOPOIETIC STEM CELL

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US2011306129 A1 20111215	NISTOR GABRIEL [US]	US201113151163 20110601; US20080969120 20080103; US20070883281P 20070103	C12N5/0735	STEM CELL GROWTH MEDIA AND METHODS OF MAKING AND USING SAME
JP2011182803 A 20110922	NORTHWEST BIOTHERAPEUTICS INC	US20030524511P 20031124	C12N5/071; A61K35/28; A61P7/00; A61P9/04; B01D61/00; C12N5/00; C12N5/0775; C12N5/0789	TANGENTIAL FLOW FILTRATION DEVICE AND METHOD FOR STEM CELL ENRICHMENT
AU2011218747 A1 20110922	NORTHWEST BIOTHERAPEUTICS INC	AU20110218747 20110902	B01D61/00; C12N5/00; C12N5/0775; C12N5/0789	TANGENTIAL FLOW FILTRATION DEVICES AND METHODS FOR STEM CELL ENRICHMENT
US2011236356 A1 20110929	NOVA SOUTHEASTERN UNIVERSITY [US]; UNIV MIAMI [US]	US200913133007 20091214; US20080122231P 20081212; US20090237083P 20090826; WO2009US67912 20091214	A61K35/12; A61P3/10; A61P9/00; A61P19/02; A61P25/16; A61P25/28; C12N5/071	METHODS OF ISOLATING AND USING STEM CELLS
WO2011102789 A1 20110825	OBOE IPR AB [SE]; HERMANSSON OLA [SE]; KONRADSSON PETER [SE]; AASLUND ANDREAS [SE]; ILKHANIZADEH SHIRIN [SE]; SIMON ROZALYN [SE]; NILSSON PETER [SE]	US20100304820P 20100216; SE20100050150 20100216	C07D409/14; A61K49/00; C12N5/0797; G01N33/48	OLIGOTHIOPHENE DERIVATE AS MOLECULAR PROBES
WO2011118655 A1 20110929	OLYMPUS CORP [JP]; OHASHI YOKO [JP]	JP20110042870 20110228; JP20100066896 20100323	C12N5/10; C12Q1/02; C12Q1/66	METHOD FOR MONITORING STATE OF DIFFERENTIATION IN STEM CELLS

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US2011262392 A1 20111027	OMNICYTE LTD [GB]	GB20080018725 20081013; WO2009GB02350 20091002	A61K38/20; A61P1/00; A61P1/16; A61P17/00; A61P17/06; A61P19/02; A61P29/00; A61P35/00; A61P35/02; A61P35/04; C12N5/02; C12N5/071; C12P21/00	MEDIUM DERIVED FROM STEM CELLS AS A PHARMACEUTICAL COMPOSITION
US2011200565 A1 20110818	ONCOLYTICS BIOTECH INC [CA]	US201113080856 20110406; US20100652289 20100105; US20070807771 20070530; US20030602024 20030624; US20040931728 20040831; US20010847355 20010503; US20070807921 20070530; US20020392031P 20020628; US20030443188P 20030129; US20010276782P 20010316; US200102680	A61K35/12; A61P35/00; C12N5/09	VIRUS CLEARANCE OF NEOPLASTIC CELLS FROM MIXED CELLULAR COMPOSITIONS

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US2011287011 A1 20111124	ONCOMED PHARM INC [US]	US200913058684 20090812; US20090218259P 20090618; US20080088286P 20080812; WO2009US53596 20090812	A61K39/395; A61P35/00; C07H21/00; C07K16/40; C12N1/15; C12N1/19; C12N1/21; C12N5/071; C12N5/09; C12N5/10; C12N5/16; G01N33/566	DDR1-BINDING AGENTS AND METHODS OF USE THEREOF
US2011305695 A1 20111215	ONCOMED PHARM INC [US]	US201113005214 20110112; US20100294270P 20100112; US20100393675P 20101015; US201061424408P 20101217	A61K39/395; A61P35/00; C07H21/00; C07K14/47; C07K19/00; C12N1/15; C12N1/19; C12N1/21; C12N5/09; C12N5/10; C12P21/02; G01N33/566	WNT ANTAGONISTS AND METHODS OF TREATMENT AND SCREENING
CN102174578 A 20110907	OPHTHALMIC CT OF TIANJIN MEDICAL UNIVERSITY	CN20111026535 20110125	C12N15/867; C12N5/10	LENTIVIRAL VECTOR AND PREPARATION METHOD OF LENTIVIRAL VECTOR-MEDIATED BONE MESENCHYMAL STEM CELL LINE FOR SECRETING BRAIN DERIVED NEUROTROPHIC FACTORS
US2011177069 A1 20110721	ORIENTAL YEAST CO LTD	JP20080254153 20080930; JP20080314866 20081210; WO2009JP66060 20090909	A61K39/395; A61K38/02; A61K38/08; A61K38/10; A61K38/17; A61K38/18; A61K38/45; A61P19/00; A61P19/02; A61P19/04; C12N5/0775	NOVEL INDUCER OF CHONDROCYTE PROLIFERATION AND DIFFERENTIATION
CN102131919 A 20110720	ORIENTAL YEAST CO LTD; UNIV KYOTO [JP]	WO2009JP57041 20090331; JP20080093350 20080331; JP20080225686 20080903	C07K14/47; C12N5/0735; C12N15/12	METHOD FOR PROLIFERATION OF PLURIPOTENT STEM CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
BRPI0802241 A2 20110830	OSIRIS THERAPEUTICS INC [US]	US20070726676 20070322; WO2008US57828 20080321	A61K35/24; A61K35/14; A61P17/06; A61P35/00; A61P37/06; A61P37/08; C12N5/00; C12N5/0775; H04Q7/20	CÉLULAS-TRONCO MESENQUIMAIS E SEUS USOS
AU2011202952 A1 20110707	OSIRIS THERAPEUTICS INC [US]	AU20110202952 20110620	C12N5/00; C12N5/0775	MESENCHYMAL STEM CELLS EXPRESSING TNF-ALPHA RECEPTOR
KR20110094084 A 20110819	OTSUKA PHARMA CO LTD [JP]	JP20080299359 20081125	A61K35/28; A61P43/00; C12N5/078; C12N15/09	STEM CELL FOR THERAPEUTIC USE WHICH IS DERIVED FROM HUMAN MONOCYTE, AND METHOD FOR INDUCING SAME
AU2011204850 A1 20110811	OTTAWA HOSPITAL RES INST	AU20110204850 20110719	C07K14/52; C12N5/077	USE OF CARDIOTROPHIN TO MODULATE STEM CELL PROLIFERATION
US2011201113 A1 20110818	PALM KAIA [EE]; NEUMAN TOOMAS [EE]	US20100707607 20100217	C12N5/02; C12N5/00	EX VIVO PROGENITOR AND STEM CELL EXPANSION AND DIFFERENTIATION FOR USE IN THE TREATMENT OF DISEASE OF THE NERVOUS SYSTEM
US2011250185 A1 20111013	PALUDAN CASPER [US]; EDINGER JAMES W [US]; HARBACHEUSKI RYHOR [US]; MURRAY ROSEANN [US]; HARIRI ROBERT J [US]; YE QIAN [US]	US201113164378 20110620; US20070888926 20070803; US20060835627P 20060804	A61K35/50; A61P35/00; C12N5/00; C12N5/02; C12N5/073; C12N5/0775; C12N5/09; C12Q1/02	TUMOR SUPPRESSION USING PLACENTAL STEM CELLS
KR20110100444 A 20110914	PARK YOUNG JOON [KR]	KR20100019449 20100304	C12N5/02; A61K36/234; A61K36/894; C12N5/0775	COMPOSITIONS FOR ENHANCING VIABILITY AND PROLIFERATION OF STEM CELL
EP2392648 A1 20111207	PASTEUR INSTITUT [FR]	EP20100305603 20100604	C12N5/074; C12N5/0789; C12N5/0797	METHODS FOR OBTAINING STEM CELLS
CN102250835 A 20111123	PEKING UNIVERSITY THIRD HOSPITAL	CN20111196383 20110713	C12N5/0735	METHOD FOR CULTURING HUMAN EMBRYO STEM CELL BY USING UMBILICAL CORD SOURCE MESENCHYMAL STEM CELL

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EP2361972 A1 20110831	PHARMA PASS II LLC [US]	EP20070766633 20070430; EP20060252326 20060502; EP20110167308 20070430	C12N5/078; A61K35/28; C12N5/077	STEM CELLS DERIVED FROM BONE MARROW FOR TISSUE REGENERATION
AU2010210141 A1 20110901	PIERRE PHILIPPART	EP20090152184 20090205; WO2010EP51442 20100205	A61K35/16; A61K9/00; A61K35/28; A61K38/36; A61K38/48; A61P9/00; A61P19/08; A61P25/00; A61P29/00; A61P31/00; A61P35/00; C12N5/00	METHOD AND MEANS FOR PRODUCING TISSUES AND TISSUES OBTAINED
US2011311496 A1 20111222	PITTENGER MARK F [US]; AGGARWAL SUDEEPTA [US]	US201113222701 20110831; US20080323129 20081125; US20050080298 20050315; US20040555118P 20040322; US20060541853 20061002	A61K35/00; A61K35/14; A61P17/02; A61P19/08; C12N5/00; C12N5/0775; H04Q7/20	MESENCHYMAL STEM CELLS AND USES THEREFOR
JP2011219486 A 20111104	PLURISTEM LTD	US20060784769P 20060323; US20060847088P 20060926	A61K35/50; A61K35/12; A61P7/00; A61P7/06; A61P37/04; A61P43/00; C12N5/073; C12N5/0775	PHARMACEUTICAL COMPOSITION FOR POTENTIATING HEMATOPOIETIC SYSTEM OF SUBJECT

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WO2011155692 A2 20111215	POSTECH ACAD IND FOUND [KR]; KIM DONG SUNG [KR]; PARK KWANG SOOK [KR]; CHO DONG-WOO [KR]; RHA MOONWOO [KR]; CHA KYOUNG JE [KR]; LEE BONG-KEE [KR]; LEE SOO HONG [KR]; KANG SUN WOONG [KR]	KR20100054988 20100610	C12M1/22; C12M3/00; C12N5/02; C12N5/074	CONTAINER FOR CULTURING CELLS AND MANUFACTURING METHOD THEREOF
US2011244472 A1 20111006	PROCHOWNIK EDWARD A [US]	US20100927225 20101110; WO2009US43596 20090512; US20080052846P 20080513	C12Q1/68; C12N5/095; C12N5/10; C12N15/85; C12Q1/18; G01N33/574	CANCER STEM CELL IMMORTALIZATION
US2011223138 A1 20110915	PROCKOP DARWIN J [US]; BLOCK GREGORY J [US]; OHKOUCHI SHINYA [JP]; CHOI HOSOON [US]	US20100928740 20101217; US20090287507P 20091217	A61K35/12; A61K38/02; A61P9/00; A61P29/00; A61P35/00; A61P43/00; C12N5/0775	MESENCHYMAL STEM CELLS THAT EXPRESS INCREASED AMOUNTS OF ANTI-APOPTOTIC PROTEINS
KR20110121410 A 20111107	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20100040995 20100430	C12N5/095; C12Q1/04	NOVEL CANCER STEM CELL ESTABLISHED FROM HUMAN GASTRIC CANCER TISSUES
US2011206735 A1 20110825	QIAN YONG [US]	US201113034580 20110224; US20100338898P 20100224	A61K39/00; A61P35/00; C12N5/095	TUMORIGENIC CANCERSTEMCELLS, METHODS OF ISOLATING AND USING THE SAME
US2011263016 A1 20111027	RANCOURT DERRICK E [CA]; MENG GUOLIANG [CA]; LUI SHIYING [CA]; LI XIANGYUN [CN]; KRAWETZ ROMAN [CA]; CORMIER JAYMI [CA]	US200913120832 20090925; US20080100160P 20080925; WO2009IB07100 20090925	C12N5/0735; C12N5/071; C12N5/077; C12N5/078; C12N5/079	EXPANSION OF EMBRYONIC STEM CELLS

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US2011189136 A1 20110804	RATAJCZAK MARIUSZ [US]; KUCIA MAGDALENA [US]; RATAJCZAK JANINA [US]; SMITH GEORGE [US]; ALLEN RONALD [US]; MARASCO WAYNE [US]; BOLLI ROBERTO [US]	US20080740718 20081030; WO2006US42780 20061102; US20070000954P 20071030; US20080079675P 20080710; US20050748685P 20051208; WO2008US81832 20081030	A61K35/12; A61B10/00; A61K38/18; C12N5/02	USES AND ISOLATION OF VERY SMALL EMBRYONIC-LIKE (VSEL) STEM CELLS
SG172471 A1 20110728	RELIANCE LIFE SCIENCES PVT LTD [IN]	US20010314323P 20010823	C12N5/071; A61B17/435; A61B18/20; A61K35/54; C12N5/07; C12N5/0735; C12N13/00	ISOLATION OF INNER CELL MASS FOR THE ESTABLISHMENT OF HUMAN EMBRYONIC STEM CELL (HESC) LINES
IL187352 A 20110831	RELIANCE LIFE SCIENCES PVT LTD [IN]; ARUNDHATI MANDAL; TIPNIS SHABARI; GEETA RAVINDRAN; JAYANT KULKAMI; ARNEET PATKI; RAJARSHI PAL; BIPASHA BOSE; ALAM KHAN; APARNA KHANNA	IN2005MU00595 20050517; US20060436193 20060517; WO2006IN00169 20060517	C12N5/0735	ESTABLISHMENT OF A HUMAN EMBRYONIC STEM CELL LINE USING MAMMALIAN CELLS
AU2010212147 A1 20110707	RENEURON LTD	GB20090002034 20090206; WO2010GB50185 20100205	C12N5/0797	TREATMENT OF LIMB ISCHEMIA
WO2011133661 A2 20111027	RES DEV FOUNDATION [US]; KRAUSE KARL-HEINZ [CH]; PREYNAT-SEAUVE OLIVIER [FR]	US20100326403P 20100421	C12N5/0793; A61K35/30; A61P25/16; C07D235/26; C07D263/58; C12N5/02	METHODS AND COMPOSITIONS RELATED TO DOPAMINERGIC NEURONAL CELLS

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US2011171726 A1 20110714	RNL BIO CO LTD [KR]	US20100897458 20101004; KR20050109502 20051116; US20050313083 20051220	C12N5/071; C12N5/0775; A61K35/12; C12N5/077; C12N5/0793	MULTIPOTENT STEM CELLS DERIVED FROM HUMAN ADIPOSE TISSUE AND CELLULAR THERAPEUTIC AGENTS COMPRISING THE SAME
IL156303 A 20110731	ROBERT J HARIRI [US]	US20000251900P 20001206; WO2001US46506 20011205	C12N15/00; A61K35/14; A61K35/28; A61K35/44; A61K35/50; A61K48/00; A61M1/02; A61P3/00; A61P5/14; A61P7/06; A61P9/00; A61P9/10; A61P13/12; A61P17/02; A61P21/00; A61P25/00; A61P25/16; A61P25/28; A61P27/02; A61P27/06; A61P29/00; A61P43/00; C12M1/00; C12M1/34;	METHOD OF COLLECTING PLACENTAL STEM CELLS FROM A POST-PARTUM HUMAN PLACENTA
US2011251130 A1 20111013	ROBERTSON STEPHEN PETER [NZ]	US200913001614 20090707; US20080078843P 20080708; WO2009NZ00134 20090707	A61K38/00; A61K31/7088; A61K31/713; A61P19/00; C07H21/02; C12N5/077; C12N15/85	METHODS AND COMPOSITIONS FOR PROMOTING BONE GROWTH
US2011306131 A1 20111215	RUDY-REIL DIANE ELIZABETH [US]	US201113215202 20110822; US20070876769 20071022; US20050159567 20050622; US20040581946P 20040622	C12N5/071; A61K48/00; C12N5/077	INDUCTION OF PLURIPOTENT STEM CELLS INTO MESODERMAL LINEAGES

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US2011189139 A1 20110804	SACKSTEIN ROBERT [US]	US201113012367 20110124; US20010042421 20011018; US20000240987P 20001018; US20010297474P 20010611	A61K35/12; G01N33/50; A61K35/14; A61K38/00; A61K39/395; A61K45/00; A61P1/04; A61P1/16; A61P3/10; A61P7/00; A61P9/00; A61P9/10; A61P11/06; A61P19/02; A61P21/04; A61P25/16; A61P29/00; A61P35/00; A61P35/02; C07K14/47; C07K14/705; C12N5/0789; C12N5/10; C12N	HEMATOPOIETIC CELL E-SELECTIN/L-SELECTIN LIGAND GLYCOSYLATED CD44 POLYPEPTIDE
WO2011102333 A1 20110825	SAITAMA MEDICAL UNIVERSITY [JP]; HISHIDA TOMOAKI [JP]; OKUDA AKIHIKO [JP]; KATO HIDEMASA [JP]	JP20100030830 20100216	C12N5/00; A61L27/00; C12N5/0789	METHOD FOR PRODUCTION OF ARTIFICIAL PLURIPOTENT STEM CELL
KR20110090809 A 20110810	SAMSUNG LIFE PUBLIC WELFARE FOUNDATION [KR]	KR20100010116 20100203	C12N5/0797; A61P25/00; C12N5/10; C12N15/86	METHOD FOR PROLIFERATING STEM CELLS USING ACTIVATING C-MET/HGF SIGNALING
KR20110090810 A 20110810	SAMSUNG LIFE PUBLIC WELFARE FOUNDATION [KR]	KR20100010117 20100203	C12N5/0797; A61K35/30; C12N5/10; C12N15/12	METHOD FOR PROLIFERATING STEM CELLS USING GENES ACTIVATING NOTCH SIGNALING
KR20110125469 A 20111121	SAMSUNG LIFE PUBLIC WELFARE FOUNDATION [KR]	KR20100045018 20100513	C07K14/48; C12N5/0775; C12N5/079	METHOD FOR STIMULATING THE SECRETION OF NERVE GROWTH FACTOR BY STEM CELL VIA PRE-TREATMENT OF NERVE GROWTH FACTOR
WO2011096728 A2 20110811	SAMSUNG LIFE PUBLIC WELFARE FOUNDATION [KR]; NAM DO HYUN [KR]; HONG SEUNG CHYUL [KR]; KANG BONG GU [KR]; JOO KYEUNG MIN [KR]	KR20100010117 20100203; KR20100010116 20100203	C12N5/0797; A61K35/30; A61P25/00; C12N5/10; C12N15/12; C12N15/86	METHOD FOR PROLIFERATING STEM CELLS BY ACTIVATING C-MET/HGF SIGNALING AND NOTCH SIGNALING

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US2011229442 A1 20110922	SANBIO INC	US201113068888 20110523; US20050100664 20050407; US20040561613P 20040412	A61K35/28; A61K35/30; A61P25/00; C12N5/0775; C12N5/0793	CELLS EXHIBITING NEURONAL PROGENITOR CELL CHARACTERISTICS AND METHODS OF MAKING THEM
US2011281786 A1 20111117	SAUVAGEAU GUY [CA]; HUMPHRIES RICHARD KEITH [CA]	US201113190583 20110726; US20090573489 20091005; US20030727580 20031205; US20030680144 20031008; US20010785301 20010220; US20000184343P 20000223	A61K38/02; A61P43/00; C07K14/475; C12N5/071; C12N5/0789	STEM CELL EXPANSION ENHANCING FACTOR AND METHOD OF USE
WO2011103882 A1 20110901	SCHMIDT-WOLF INGO [DE]	WO2010EP01148 20100224	C12N5/0783	METHOD FOR THE GENERATION OF A CIK CELL AND NK CELL POPULATION
AU2009333259 A1 20110811	SCRIPPS RESEARCH INST [US]	US20080138407P 20081217; WO2009US68274 20091216	C12N5/02; C12N5/074	GENERATION AND MAINTENANCE OF STEM CELLS
KR20110102961 A 20110919	SCRIPPS RESEARCH INST [US]	US20020398522P 20020725; US20030467051P 20030502; WO2003US24839 20030725	C12N5/074; C12N15/09; A01N63/00; A61K35/00; A61K35/28; A61P9/10; A61P27/02; C12N5/00; C12N5/02; C12N5/078; C12N5/0789; C12N5/10; C12N15/52	HEMATOPOIETIC STEM CELLS AND METHODS OF TREATMENT OF NEOVASCULAR EYE DISEASES THEREWITH
BRPI0618471 A2 20110830	SCRIPPS RESEARCH INST [US]	US20050735715P 20051109; WO2006US43794 20061109	A01N1/02; C12N5/00; C12N5/02; G01N33/567	SELEÇÃO, REPRODUÇÃO E USO DE CÉLULAS-TRONCO ANEUPLÓIDES EM MOSAICO

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US2011224233 A1 20110915	SCRIPPS RESEARCH INST [US]	US201113150933 20110601; WO2009US66554 20091203; US20080200808P 20081203	A61K31/506; C07D417/12; C12N5/071	STEM CELL CULTURES
WO2011109015 A1 20110909	SCRIPPS RESEARCH INST [US]; LI WENLIN [US]; LIN TONGXIANG [US]; DING SHENG [US]	WO2010US25915 20100302	C12N5/00	IMPROVED METHODS OF GENERATING PLURIPOTENT STEM CELLS
WO2011123572 A1 20111006	SCRIPPS RESEARCH INST [US]; ZHU SAIYONG [US]; DING SHENG [US]	US20100406892P 20101026; US20100393724P 20101015; US20100319494P 20100331	C12N5/00	REPROGRAMMING CELLS
CN102212460 A 20111012	SECOND AFFILIATED HOSPITAL THIRD MILITARY MEDICAL UNIVERSITY PEOPLE S LIBERATION ARMY	CN20111106899 20110427	C12M1/00; C12N5/0775	STEM CELL SCREENING SYSTEM, PREPARATION METHOD THEREOF AND SCREENING METHOD OF STEM CELL
KR20110112164 A 20111012	SEOUL NAT UNIV HOSPITAL [KR]	KR20100031061 20100405	C12N5/0775; A61K35/12; C12M3/00; C12N5/02	METHOD FOR INCREASING HUMAN STEM CELL ACTIVITY
US2011256626 A1 20111020	SEOUL NAT UNIV HOSPITAL [KR]	KR20090089330 20090922; KR20100001940 20100108; WO2010KR06374 20100917	C12N5/071	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS WITH HIGH EFFICIENCY AND INDUCED POLURIPOTENT STEM CELLS PROUCED THEREBY
WO2011126264 A2 20111013	SEOUL NAT UNIV HOSPITAL [KR]; KIM HYO-SOO [KR]; KANG HYUN-JAE [KR]; LEE EUN-JU [KR]	KR20100053183 20100607; KR20100031061 20100405	C12N5/0775; A61K35/12; A61P9/00; A61P19/00; A61P37/00; C12N5/02	METHOD FOR INCREASING ACTIVITY IN HUMAN STEM CELL

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WO2011129607 A2 20111020	SEOUL NAT UNIV HOSPITAL [KR]; KIM HYO-SOO [KR]; LEE EUN-JU [KR]; KANG HYUN-JAE [KR]	KR20100035145 20100416	A63C17/01; A63C17/02; A63C17/22	METHOD FOR INCREASING STEM CELL ACTIVITY AND STEM CELLS PRODUCED THEREBY
NZ583003 A 20111125	SEOUL NAT UNIV IND FOUNDATION	KR20030002899U 20031230	C12N5/28; C12N5/00; C12N5/02	EMBRYONIC STEM CELL LINE AND METHOD FOR PREPARING THE SAME
US2011263013 A1 20111027	SHAMBLOTT MICHAEL J [US]; COHEN MICHAEL [US]	US20090996557 20090605; US20080129141P 20080606; WO2009US03436 20090605	C12N5/0735; C07K14/47; C12N5/0789	COMPOSITIONS AND METHODS FOR GROWING EMBRYONIC STEM CELLS
CN102166374 A 20110831	SHANDONG EYE INST	CN20101529005 20101103; CN20111036633 20110212	A61L27/38; C12N5/074	METHOD FOR PREPARING AMNIOTIC COMPOUND CORNEAL LIMBUS STEM CELL MEMBRANE
CN102228016 A 20111102	SHANGHAI ANGECON BIOTECHNOLOGY CO LTD	CN20111096959 20110418	A01N1/02; C12N5/0797	CRYOPRESERVATION AND RESUSCITATION METHOD OF NEURAL STEM CELLS
CN102146357 A 20110810	SHANGHAI BIOMED UNION CO LTD	CN20101618726 20101231	C12N5/071	AUTOLOGOUS STEM CELLS FOR TREATING RENAL INSUFFICIENCY AND PREPARATION METHOD THEREOF
CN102181399 A 20110914	SHANGHAI CANCER INST	CN20111056613 20110309	C12N5/10; C12N5/073; C12N7/00	MOUSE LIVER TUMOR CELL LINE FOR HIGHLY EXPRESSING CD133 AND PREPARATION METHOD THEREOF
CN102191216 A 20110921	SHANGHAI FIRST PEOPLE S HOSPITAL	CN20101123962 20100311	C12N5/0775	METHOD FOR EFFICIENTLY INDUCING UMBILICAL CORD MESENCHYMAL STEM CELLS TO DIFFERENTIATE INTO SCHWANN-LIKE CELLS
CN102191217 A 20110921	SHANGHAI FIRST PEOPLE S HOSPITAL	CN20101124593 20100312	C12N5/0775	METHOD FOR INDUCING DIFFERENTIATION FROM HUMAN UMBILICAL CORD MESENCHYMAI STEM CELLS (HUCMSCS) INTO NEURAL CELLS

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WO2011110051 A1 20110915	SHANGHAI INST BIOL SCIENCES [CN]; XU GUOLIANG [CN]; WANG YANG [CN]	CN20111034261 20110131; CN20101119884 20100309	C12N5/071; C07K19/00; C12N15/62	INDUCTIVE PRODUCTION OF PLURIPOTENT STEM CELLS USING SYNTHETIC TRANSCRIPTION FACTORS
CN102174470 A 20110907	SHANGHAI XIAN BIOTECHNOLOGY CO LTD	CN20111065709 20110318	C12N5/0789	CELL PROCESSING KIT
CN102127520 A 20110720	SHANGHAI ZHONGSHEN BIOLOG TECHNOLOGY CO LTD	CN20101022902 20100118	C12N5/0735	SERUM-FREE EMBRYONIC STEM CELL CULTURE SOLUTION
CN102229911 A 20111102	SHANXI MEDICAL UNIVERSITY	CN20111154756 20110608	C12N5/074; A61K35/48; A61P9/10	SCA-1+/CD34- UTERINE STEM CELLS AND SEPARATION METHOD THEREOF
RU2430158 C1 20110927	SIDZHEJ CHEJLDZHEJDANG CORP [KR]; BISELLBAJO INK [KR]	RU20100115507 20100419	C12N5/00	METHOD FOR DIFFERENTIATION OF ADULT HUMAN STEM CELLS IN INSULIN-SECRETING CELLS
WO2011130217 A1 20111020	SINAI SCHOOL MEDICINE [US]; CARVAJAL XONIA [US]; GELB BRUCE D [US]; LEMISCHKA IHOR [US]	US20100324150P 20100414; US20100329813P 20100430	C12N5/071	INDUCED PLURIPOTENT STEM CELLS AND USES THEREOF
EP2359868 A1 20110824	SLOAN KETTERING INST CANCER [US]	EP20020749753 20020701; US20010301861P 20010629; US20010302852P 20010702	A61K48/00; C12N15/09; A61K31/519; A61K35/00; A61K35/12; A61K35/76; A61P7/00; A61P7/06; C07K14/805; C12N5/00; C12N5/10; C12N15/63; C12N15/867	VECTOR ENCODING HUMAN GLOBULIN GENE AND USE THEREOF IN TREATMENT OF HEMOGLOBINOPATHIES
WO2011149762 A2 20111201	SLOAN KETTERING INST CANCER [US]; STUDER LORENZ [US]; CHAMBERS STUART M [US]; GRUBER MICA YVONNE [US]	US20100396257P 20100525	G01N33/68; C12N5/0735; C12Q1/68; G01N33/15	METHOD OF NOCICEPTOR DIFFERENTIANTION OF HUMAN EMBRYONIC STEM CELLS AND USES THEREOF

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RU2434940 C1 20111127	SMOLJANINOV ALEKSANDR BORISOVICH [RU]; KHURTSILAVA OTARI GIVIEVICH [RU]; SMIRNOVA NATAL JA VLADIMIROVNA [RU]; NOVIKOVA POLINA JUR EVNA [RU]; OOO POKROVSKIJ BANK STVOLOVYKH KLETOK [RU]; UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST TSITOLOGII RAN [RU]	RU20100130422 20100720	C12N5/078; C12Q1/68; G01N33/49	METHOD OF MEASURING LENGTH OF TELOMERES OF UMBILICAL BLOOD LEUKOCONCENTRATE CELLS
RU2425873 C1 20110810	SMOLJANINOV ALEKSANDR BORISOVICH [RU]; OOO POKROVSKIJ BANK STVOLOVYKH KLETOK [RU]	RU20100114655 20100412	C12N5/0775	METHOD OF MESENCHYMAL STEM CELL ISOLATION FROM BONE MARROW BEFORE CULTIVATION
KR20110121492 A 20111107	SNU R&AMP DB FOUNDATION [KR]	KR20100041102 20100430	A01N1/02; C12N5/07; C12N5/0735	COMPOSITION FOR CRYOPRESERVATION OF HUMAN EMBRYONIC STEM CELL-DERIVED CARDIOMYOCYTES
KR20110138124 A 20111226	SNU R&AMP DB FOUNDATION [KR]	KR20100058273 20100618	C12Q1/68; C12N5/0775; C40B40/08; G01N33/15	COMPOSITION FOR DIAGNOSING PARKINSON'S DISEASE CONTAINING ADIPOSE TISSUE-DERIVED MESENCHYMAL STROMAL CELL
US2011223660 A1 20110915	SNU R&AMP DB FOUNDATION [KR]	KR20090094854 20091006; KR20090115389 20091126; WO2010KR06833 20101006	C12N5/071; C12N5/07	COMPOSITIONS FOR INDUCING DIFFERENTIATION INTO RETINAL CELLS FROM RETINAL PROGENITOR CELLS OR INDUCING PROLIFERATION OF RETINAL CELLS COMPRISING WNT SIGNALING PATHWAY ACTIVATORS
AU2010225612 A1 20111110	SNU R&AMP DB FOUNDATION [KR]	KR20090023821 20090320; WO2010KR01338 20100303	C12N5/074; C12N5/02; C12N5/07	ISOLATING METHOD FOR UMBILICAL CORD BLOOD-DERIVED PLURIPOTENT STEM CELLS EXPRESSING ZNF281

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US2011223140 A1 20110915	SNU R&AMP DB FOUNDATION [KR]	KR20090094854 20091006; WO2010KR06832 20101006	A61K35/44; A61P27/02; C12N5/07; C12Q1/02; C12Q1/68	METHOD FOR DIFFERENTIATION INTO RETINAL CELLS FROM STEM CELLS
KR20110088260 A 20110803	SNU R&AMP DB FOUNDATION [KR]	KR20100008085 20100128	C12N5/077; C12N5/02; C12N5/0735	METHOD FOR DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO CARDIOMYOCYTES
KR20110092795 A 20110818	SNU R&AMP DB FOUNDATION [KR]; RNL BIO CO LTD [KR]	KR20100012425 20100210	C12N15/873; A01K67/027; C12N5/074; C12N5/075	METHOD FOR PRODUCING CLONED CANIDAE USING NUCLEAR TRANSFER OF SOMATIC CELLS OR STEM CELLS
US2011225661 A1 20110915	SPECTRUM HEALTH INNOVATIONS LLC [US]	US20090677001 20090626; US20080075763P 20080626; WO2009US48754 20090626	A01K67/00; A61K35/12; A61P39/06; C12N5/10	METHOD FOR TREATING AND PREVENTING RADIATION DAMAGE USING GENETICALLY MODIFIED MESENCHYMAL STEM CELLS
WO2011134707 A1 20111103	STATE SCIENT CT OF THE RUSSIAN FEDERATION INST [RU]; FOND SALVATORE MAUGERI CLINICA DEL LAVORO E DELLA RIABILITAZIONE [IT]; SIB LAB LTD [MT]; ANDREEVA ELENA ROMUALDOVNA [RU]; BURAVKOVA LIUDMILA BORISOVNA [RU]; GRIGORIEV ANATOLY IVANOVICH [RU]; MAUGERI UMB	RU20100116355 20100426	C12N5/0775	METHOD FOR MODIFYING THE PROLIFERATIVE ACTIVITY AND DIFFERENTIATION CAPACITY OF MULTIPOTENT MESENCHYMAL STROMAL CELLS
WO2011138786 A2 20111110	STEM CELL MEDICINE LTD [IL]; MAROM EHUD [IL]	US201161429773P 20110105; US20100331842P 20100506	C12N5/0735	STEM CELL BANK FOR PERSONALIZED MEDICINE

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US2011178009 A1 20110721	STEM CELL THERAPEUTICS INC [CA]	US20100915713 20101029; US20050058441 20050214; US20040544915P 20040213	A61K38/24; A61K35/30; A61K38/09; A61K38/17; A61K38/18; A61K38/22; A61K38/25; A61K38/27; A61K38/30; A61P25/00; A61P25/28; C12N5/0797	PHEROMONES AND THE LUTEINIZING HORMONE FOR INDUCING PROLIFERATION OF NEURAL STEM CELLS AND NEUROGENESIS
US2011269681 A1 20111103	STEM CELL THERAPEUTICS INC [CA]	US20100981101 20101229; US20080051240 20080319; US20020231479 20020830; US20010322514P 20010914; US20020386404P 20020607	A61K38/22; A61L27/00; A61K31/565; A61K35/12; A61K35/30; A61K38/00; A61K38/18; A61K38/27; A61K38/30; A61P21/00; A61P25/00; A61P25/14; A61P25/16; A61P25/28; C12N5/0797	PROLACTIN INDUCED INCREASE IN NEURAL STEM CELL NUMBERS
EP2387609 A2 20111123	STEMBIOS TECHNOLOGIES INC [US]	WO2010US20884 20100113; US20090144206P 20090113	C12N5/074; A61K35/12; A61P25/16; A61P35/00; A61P37/00; C12N5/02; C12N15/12	NON-EMBRYONIC STEM CELLS AND USES THEREOF
TW201125982 A 20110801	STEMBIOS TECHNOLOGIES INC [US]	TW20100102620 20100129	C12N5/071	NON-EMBRYONIC STEM CELLS AND USES THEREOF
US2011195503 A1 20110811	STEMPEUTICS RES PRIVATE LTD [IN]	IN2008CH02601 20081024	C12N5/071	GOLD NANOPARTICLE, A COMPOSITION AND A METHOD TO PERPETUATE STEMNESS THEREOF
GB2478825 A 20110921	STEMPEUTICS RES PRIVATE LTD [IN]	WO2010IB55424 20101125; IN2009CH02932 20091127	C12N5/0775; C12N5/071; C12N5/074	METHODS OF PREPARING MESENCHYMAL STEM CELLS, COMPOSITIONS AND KIT THEREOF
WO2011159359 A2 20111222	STEMRD INC [US]; AN SONGZHU [US]; ZHU YANAN [US]	US20100397847P 20100617	C12N5/00	SERUM-FREE CHEMICALLY DEFINED CELL CULTURE MEDIUM

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US2011287470 A1 20111124	STOPPINI LUC [CH]	GB20080015428 20080822; WO2009IB06726 20090821	C40B50/06; C12N5/071; C12N5/0735; C12Q1/02	CELL CULTURE METHOD TO FORM AGGREGATES
US2011313229 A1 20111222	SUGAYA KIMINOBU [US]; ALVAREZ ANGEL [US]; BUSHNEV SERGEY [US]; AVGEROPOULOS NICHOLAS G [US]	US200913055542 20090724; US20080083273P 20080724; WO2009US51646 20090724	A61N5/00; A61K31/713; A61K39/00; A61P35/00; A61P37/04; C12N5/0784; C12N5/095	THERAPY TARGETING CANCER STEM CELLS
US2011237574 A1 20110929	SUGAYA KIMINOBU [US]; QU TINGYU [US]	US201113028325 20110216; US20080053429 20080321; US20030341683 20030114; US20020348473P 20020114; US20020357783P 20020219; US20020376257P 20020429; US20020381138P 20020508; US20020404361P 20020819; US20020430381P 20021202	A61K31/541; A61K31/519; A61K31/5377; A61K31/7088; A61K35/12; A61K35/28; A61K35/30; A61K35/36; A61K35/44; A61K35/48; A61K38/22; A61P9/10; A61P17/00; A61P17/02; A61P21/04; A61P25/00; A61P25/02; A61P25/08; A61P25/14; A61P25/16; A61P25/18; A61P25/28; A61P27/0	USE OF MODIFIED PYRIMIDINE COMPOUNDS TO PROMOTE STEM CELL MIGRATION AND PROLIFERATION
IL174606 A 20110731	SUGIMURA KEIJIRO; FUKUDA KEIICHI [JP]; FUKUDA KEIICHI [JP]; YUASA SHINSUKE [JP]; OKANO HIDEYUKI; SHIMAZAKI TAKUYA; KOSHIMIZU UICHI; TANAKA TOMOFUMI	JP20030346248 20031003; JP20040212255 20040720; WO2004JP14598 20041004	C12N5/077; C12N5/0789	METHOD OF INDUCING THE DIFFERENTIATION OF STEM CELLS INTO CARDIOMYOCYTES

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KR20110099353 A 20110908	SUNGKWANG MEDICAL FOUNDATION [KR]	KR20100018312 20100302	C12N5/076; C12N5/02; C12N5/10; C12N15/63	METHOD FOR MANUFACTURING TRANSFORMED SPERM EMPLOYING PLURIPOTENT SPERMATOGONIAL STEM CELLS
KR20110130622 A 20111206	SUNGKWANG MEDICAL FOUNDATION [KR]	KR20100050031 20100528	C12N5/076; C12N5/10; C12N15/85	METHOD FOR MANUFACTURING TRANSFORMED SPERM EMPLOYING PLURIPOTENT SPERMATOGONIAL STEM CELLS
US2011217724 A1 20110908	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]	FI20080005973 20081015; WO2009FI50833 20091015	C12Q1/02; C12N5/02	METHOD OF PROTECTING CELLS
WO2011154615 A1 20111215	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]; GLYKOS FINLAND OY [FI]; KOTOVUORI ANNIKA [FI]; NATUNEN SUVI [FI]; VALMU LEENA [FI]	FI20100006213 20101117; FI20100005660 20100610	G01N33/577; C07K16/28; C12N5/074; C12N5/0783	METHOD FOR ISOLATING CD34+ HEMATOPOIETIC STEM CELLS, NATURAL KILLER CELLS AND REGULATORY T LYMPHOCYTES FROM A SAMPLE OF HUMAN UMBILICAL CORD BLOOD BY USING AN ANTI-GD3 ANTIBODY, AS WELL AS COMPOSITIONS THEREOF
WO2011101550 A1 20110825	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]; NATUNEN SUVI [FI]; ANDERSON HEIDI [FI]; TUIMALA JARNO [FI]; PARTANEN JUKKA [FI]	FI20100005166 20100219	G01N33/53; C12N5/00	METHOD OF DETECTING THE DIFFERENTIATION STATUS OF A STEM CELL POPULATION
WO2011124763 A1 20111013	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]; NYSTEDT JOHANNA [FI]; HAKKARAINEN TANJA [FI]; LEHENKARI PETRI [FI]; KERKELAE ERJA [FI]; VALMU LEENA [FI]	FI20100005348 20100406	C12N5/00	USE OF A PROTEOLYTIC ENZYME FOR THE MODIFICATION OF THE CELL SURFACE OF A STEM CELL
KR20110111925 A 20111012	SUPERCRITICAL LAB CO LTD [KR]	KR20100031249 20100406	C12N5/04; C12N5/02	METHODS FOR PREPARING CULTURED STEM CELLS FROM TAXUS WALLICHIANA ZUCC

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WO2011137485 A1 20111110	SYDNEY IVF LTD [AU]; LU DAVID [AU]; SCHMIDT ULI [AU]; BRADLEY CARA [AU]; LUBITZ SANDRA [DE]; STOJANOV TOMAS [AU]	AU20100901922 20100505	C12N5/00; C12N5/07; C12N5/0789	MEDIA AND METHODS FOR CELL CULTURE
EP2344631 A1 20110720	SYNTHES GMBH [CH]	WO2009US05910 20091030; US20080110096P 20081031; US20090152335P 20090213	C12N5/07; A61K38/18; A61L27/38	METHOD AND DEVICE FOR ACTIVATING STEM CELLS
CN102146359 A 20110810	TAIHUA WANG	CN20111005964 20110113	C12N5/0775	METHOD FOR EXTRACTING ORIGINAL MESENCHYMAL STEM CELLS FROM PLACENTA AND SERUM-FREE AMPLIFICATION
CN102144027 A 20110803	TAKARA BIO INC [JP]	WO2009JP62364 20090707; JP20080177155 20080707; JP20080230040 20080908; JP20080262861 20081009; JP20090010214 20090120; JP20090050694 20090304	C12N5/10; C12N15/09	METHOD FOR PRODUCTION OF PLURIPOTENT STEM CELL
WO2011145615 A1 20111124	TAKARA BIO INC [JP]; ENOKI TATSUJI [JP]; NISHIE TOSHIKAZU [JP]; MARUI TAKAHIRO [JP]; TAKASHIMA FUYUKO [JP]; MINENO JUNICHI [JP]	JP20100289192 20101227; JP20100113806 20100518	C12N15/09; C12N5/10	NUCLEIC ACID FOR PRODUCTION OF PLURIPOTENT STEM CELL

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BRPI0711599 A2 20111116	TAKEBE NAOKO [US]	US20060799734P 20060511; WO2007US11359 20070511	A01N1/02; C12N5/073; C12N5/0789	MÉTODOS PARA COLETA E DE USO DE CÉLULAS-TRONCO DE SANGUE DE CORDÃO UMBILICAL DE PLACENTA
WO2011081222 A1 20110707	TAKEDA PHARMACEUTICAL [JP]; HOSOYA MASAKI [JP]; KUNISADA YUYA [JP]; SHOJI MASANOBU [JP]; YAMAZOE NORIKO [JP]	JP20100144283 20100624; JP20090299276 20091229	C12N5/0735; A61K35/12; A61P3/10; C12Q1/02	METHOD FOR MANUFACTURING PANCREATIC-HORMONE-PRODUCING CELLS
CN102154208 A 20110817	TAN DAQING	CN20101608906 20101228	C12N5/0784; A61K39/00; A61P35/00; C12N5/095	PREPARATION METHOD AND USE OF CORD BLOOD-DERIVED (CD)133 AND BRAIN GLIOMA STEM CELL ANTIGEN CARRYING DENDRITIC CELLS
WO2011162623 A1 20111229	TAN SWEE THONG [NZ]; DAY DARREN JOHN [NZ]; ITINTEANG TINTE [NZ]	US20100398459P 20100625	C12N5/077; C12N5/0789; C12N5/0797	STEM CELL POPULATION AND METHODS OF ISOLATION AND USE THEREOF
US2011251108 A1 20111013	TANG Y TOM [US]	US201113080504 20110405; US20090590442 20091105; US20080075686 20080313; US20040488423 20040303; WO2002US27746 20020830; US20020125852 20020419; US20010799451 20010305; US20010316368P 20010830; US20010339739P 20011210	C40B40/08; C07H21/00; C12N1/00; C12N5/10; C12N15/63; C12P21/02	METHODS AND MATERIALS RELATING TO STEM CELL GROWTH FACTOR-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES

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EP2368974 A1 20110928	TEAM YOUN BIOMEDICAL TECHNOLOGY CO LTD [CN]	WO2009CN74031 20090918; WO2008CN72648 20081010	C12N5/0775; A61K8/64; A61K8/98; A61K35/48; A61P17/00; A61Q19/00; C12N5/073	METHODS FOR ISOLATING MESENCHYMAL STEM CELLS FROM EMBRYOS OF HUMAN OR ANIMALS AND EXTRACTING SECRETION SUBSTANCES THEREOF
US2011189767 A1 20110804	TECHNION RES & DEV FOUNDATION [IL]	US201113083630 20110411; US20090585646 20090921; US20050537784 20050606; WO2003IL01030 20031207; US20020433619P 20021216	C12N5/0735; C12N5/02; C12N5/071	METHODS OF PREPARING FEEDER CELLS-FREE, XENO-FREE HUMAN EMBRYONIC STEM CELLS AND STEM CELL CULTURES PREPARED USING SAME
WO2011128897 A1 20111020	TECHNION RES & DEV FOUNDATION [IL]; ITSKOVITZ-ELDOR JOSEPH [IL]; FISHMAN BETTINA [IL]; SEGEV HANNA [IL]	US20100322942P 20100412	C12N5/074	POPULATIONS OF PANCREATIC PROGENITOR CELLS AND METHODS OF ISOLATING AND USING SAME
IL169100 A 20111130	TECHNION RES & DEV FOUNDATION [IL]; MASSACHUSETTS INST TECHNOLOGY [US]	US20020432228P 20021210; US20030443926P 20030131; US20030731672 20031209; WO2003US39301 20031210	A61L27/18; A61L27/22; A61L27/38; C12N5/00; C12N5/02; C12N5/0735	ENGINEERING THREE-DIMENSIONAL TISSUE STRUCTURES USING DIFFERENTIATING EMBRYONIC STEM CELLS

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US2011311495 A1 20111222	TEL HASHOMER MEDICAL RES INFRA [IL]	US201013203282 20100225; US20090202425P 20090226; US20090202426P 20090226; WO2010IL00158 20100225	A61K35/23; A61P13/12; C12N5/07; C12Q1/02	ISOLATED POPULATIONS OF RENAL STEM CELLS AND METHODS OF ISOLATING AND USING SAME
SI1773987T T1 20110729	TESLAB S R L [IT]	IT2004NA00043 20040728; WO2005EP08136 20050727; EP20050764069 20050727	C12N5/077	STEM CELLS OBTAINED FROM PULP OF DECIDUOUS OR PERMANENT TEETH AND OF DENTAL GERM, ABLE TO PRODUCE HUMAN BONE TISSUE
CN102181396 A 20110914	THIRD AFFILIATED HOSPITAL OF THIRD MILITARY MEDICAL UNIVERSITY OF PLA	CN20111072288 20110324	C12N5/0793	METHOD FOR INDUCING NEURAL STEM CELLS TO BE DIRECTIONALLY DIFFERENTIATED INTO SENSORY NEURONS IN VITRO
ES2362353T T3 20110704	THROMBOGENICS N V [BE]	GB20020020145 20020830	C07K14/54; A01K67/027; C12N5/0735; C12N5/0789	COMPOSICIONES PARA LA DERIVACION CULTIVO IN VITRO DE LINEAS DE CELULAS MADRE EMBRIONARIAS (ES) CON CAPACIDAD DE TRANSMISION DE LA LINEA GERMINAL Y PARA EL CULTIVO DE CELULAS MADRE ADULTAS.
CN102250829 A 20111123	TIANJIN HEZE STEM CELL TECHNOLOGY CO LTD	CN20111179532 20110629	C12N5/071	INDUCING METHOD FOR DIRECTIONAL DIFFERENTIATION OF HUMAN UMBILICAL CORD MESENCHYMAL STEM CELLS INTO LIVER CELLS
NZ572055 A 20111125	TIGENIX N V	US20060783986P 20060320; WO2007EP02452 20070320	A61L27/38; C12N5/077	METHODS TO MAINTAIN, IMPROVE AND RESTORE THE CARTILAGE PHENOTYPE OF CHONDROCYTES

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TW201124191 A 20110716	TOZAI HOLDINGS INC [KR]	KR20090103142 20091029	B01D21/26; C12N5/078	BIO DEVICE FOR EXTRACTING HEMATOPOIETIC STEM CELL AND MESENCHYMAL STEM CELL WITHIN PERIPHERAL BLOOD
WO2011151043 A1 20111208	TRAUMA CARE CONSULT TCC TRAUMATOLOGISCHE FORSCHUNG GEMEINNUETZIGE GMBH [AT]; BIO PROD & BIO ENG AG [AT]; EIBL JOHANN [AT]; REDL HEINZ [AT]	AT20100000899 20100601	C12N5/073; C12N5/077	PROCESS FOR DIFFERENTIATING STEM CELLS OF THE AMNIOTIC MEMBRANE
WO2011114237 A2 20110922	TRYGGVASON KARL [SE]; RODIN SERGEY [SE]; DOMOGATSKAYA ANNA [SE]	US20100725877 20100317	C12N5/00	COMPOSITION AND METHOD FOR ENABLING PROLIFERATION OF PLURIPOTENT HUMAN STEM CELLS
US2011230422 A1 20110922	TUDAN CHRISTOPHER R [CA]; MERZOUK AHMED [CA]; ARAB LAKHDAR [CA]; SAXENA GEETA [CA]; EAVES CONNIE J [CA]; CASHMAN JOANNE [CA]; CLARK-LEWIS IAN [CA]; RICHTER MARY A [CA]; CLARK-LEWIS MICHAEL [AU]; SALARI HASSAN [CA]	US20090646915 20091223; CA20002305787 20000509; US20080189764 20080811; US20040945674 20040920; US20010852424 20010509; US20000205467P 20000519	A61K38/10; A61K38/08; A61K38/17; A61P35/00; A61P35/02; C07K14/47; C07K14/52; C12N5/0789	PURGING OF AN EX VIVO HEMATOPOIETIC STEM CELL CULTURE OF CANCER CELLS
WO2011111787 A1 20110915	TWO CELLS CO LTD [JP]; TSUCHIYA TOSHIE; TSUJI KOICHIRO; KATO YUKIO [JP]; SHAO JIN CHANG [JP]; HARA MAIKO [JP]	JP20100053179 20100310	A61K35/12; A61K35/28; A61P37/06; C12N5/0775	CELL PREPARATION CONTAINING MESENCHYMAL STEM CELLS, AND METHOD FOR PRODUCING SAME

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WO2011154687 A1 20111215	UCL BUSINESS PLC; DANIELS JULIE THERESA [GB]; LEVIS HANNAH JANE [GB]; DRAKE ROSEMARY ANN LUCY [GB]; BROWN ROBERT [GB]	US20100397525P 20100611	C12N5/00; A61L27/24; A61L27/38; C12N5/071	BIOMIMETIC CORNEAL TISSUE
CN102149811 A 20110810	ULIVE ENTPR LTD	WO2009IB06521 20090710; GB20080012789 20080712; US20080099182P 20080922	C12M1/26; C12N5/00	MATERIALS AND METHODS FOR CELL GROWTH
CN102127522 A 20110720	UNION STEMCELL & GENE ENGINEERING CO LTD	CN20101605542 20101227	C12N5/0775	HUMAN UMBILICAL MESENCHYMAL STEM CELL AND PREPARATION METHOD THEREOF
CN102250834 A 20111123	UNION STEMCELL & GENE ENGINEERING CO LTD	CN20101178255 20100521	C12N5/0735; C12N5/0775; C12N5/0789	METHOD FOR DELTA 1-TRANSDUCED OP9 CELL COCULTURE SYSTEM
CN102232109 A 20111102	UNIV AARHUS	WO2009EP56443 20090527; DK20080000730 20080527; DK20080000726 20080527	C12M3/00; C12N5/00	BIOCOMPATIBLE MATERIALS FOR MAMMALIAN STEM CELL GROWTH AND DIFFERENTIATION
CN102174466 A 20110907	UNIV ANHUI AGRICULTURE	CN20111008808 20110114	C12N5/071; C12N5/10; C12N7/01; C12N15/867	PORCINE SOMATIC CELL MUTAGENSIS METHOD

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US2011237654 A1 20110929	UNIV BOSTON [US]	US201113008785 20110118; US20050195088 20050801; US20020122630 20020412; WO2001US10162 20010330; US20000540843 20000331; US19980952697 19981130; US19980048927 19980326; WO1996US08386 19960603; US19950467012 19950606	A61K31/7088; A61P35/00; A61P35/02; C07H21/04; C12N5/095	METHOD TO INHIBIT CELL GROWTH USING OLIGONUCLEOTIDES
EP2343085 A2 20110713	UNIV CALIFORNIA [US]	EP20040012820 19980310; EP19980911548 19980310; US19970814279 19970310; US19980071141P 19980112; US19980074675P 19980213	A61K39/395; G01N33/53; A61K39/00; A61P35/00; C07K7/08; C07K14/47; C07K14/705; C07K16/28; C07K16/30; C07K19/00; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12N15/09; C12N15/12; C12P21/08; C12Q1/68; G01N33/566; G01N33/574; G01N33/68	ANTIBODY AGAINST PROSTATE STEM CELL ANTIGEN (PSCA)

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AU2010229872 A1 20111103	UNIV CALIFORNIA [US]	US20090163845P 20090326; WO2010US28712 20100325	C12N5/0775; A61K48/00; A61P25/00; C12N5/10; C12N15/11	MESENCHYMAL STEM CELLS PRODUCING INHIBITORY RNA FOR DISEASE MODIFICATION
AU2010236632 A1 20110915	UNIV CALIFORNIA [US]	US20090168679P 20090413; WO2010US30899 20100413	C12N5/02; C12N5/0735; C12N5/074	METHODS AND COMPOSITIONS FOR STEM CELL CULTURES
JP2011155978 A 20110818	UNIV CALIFORNIA [US]	US20020395382P 20020711; US20030406817 20030404	C12N5/0735; C12Q1/02; A61K35/12; A61K35/28; A61P25/00; A61P25/28; A61P27/02; C12N5/079; C12N5/0797	OLIGODENDROCYTE DERIVED FROM HUMAN EMBRYONIC STEM CELL FOR REMYELINATION AND TREATMENT OF SPINAL CORD INJURY
WO2011156639 A1 20111215	UNIV CALIFORNIA [US]; PONTOW SUZANNE [US]; NOLTA JAN [US]; PETERS JOHN [US]	US20100353597P 20100610	C07K14/78; C07K16/18; C12N5/0789	EIIIA AND EIIIB SEGMENTS OF FIBRONECTIN REGULATE STEM CELL FATE
WO2011143400 A2 20111117	UNIV CALIFORNIA [US]; TING KANG [US]; SOO B CHIA [US]; ZHENG ZHONG [US]	US20100334315P 20100513	C12N5/0735; A61K35/12; A61P25/00; C07K14/47; C12N5/02	METHOD AND COMPOSITION FOR INDUCING HUMAN PLURIPOTENT STEM CELLS
WO2011140397 A2 20111110	UNIV CALIFORNIA OFFICE OF THE PRESIDENT [US]; MUOTRI ALYSSON [US]; MARINHO PAULO ANDRE NOBREGA [US]; REHEN STEVENS KASTRUP [BR]; DOS REIS CASTILHO LEDA [BR]	US20100331553P 20100505	C12N5/02; C07K14/475; C12N5/0735; C12N5/074	STEM CELL DEFINED MEDIA FOR XENO-FREE AND FEEDER FREE CONDITIONS AND USES THEREOF
EP2392361 A1 20111207	UNIV CARDIFF [GB]	EP20080702053 20080206; GB20070002401 20070208	A61L27/38; C12N5/077	CONNECTIVE TISSUE REPAIR

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US2011293578 A1 20111201	UNIV CASE WESTERN RESERVE [US]; ABT HOLDING COMPANY [US]	US200913062343 20090904; US20080094210P 20080904; WO2009US56046 20090904	A61K35/12; A61K38/18; A61P25/00; A61P25/08; A61P25/16; A61P25/28; C12N5/0786; C12N5/079	USE OF STEM CELLS TO PREVENT NEURONAL DIEBACK
EP2357223 A2 20110817	UNIV CHICAGO [US]	EP20030781813 20031107; US20020424442P 20021107	C12N5/00; A61K35/26; A61K35/28; A61K48/00; C12N5/02; C12N5/074; E02D27/42	HUMAN STEM CELL MATERIAL AND METHODS
CN102140440 A 20110803	UNIV CHINA AGRICULTURAL	CN20111106954 20110427	C12N5/0775	METHOD FOR SEPARATING AND CULTURING POULTRY BONE MESENCHYMAL STEM CELLS BY USING BONE MARROW TISSUE BLOCK
PT105083 A 20110725	UNIV COIMBRA [PT]	PT20090105083 20090428	A61K35/30; A61P25/00; C07D261/02	THE USE OF AMPAKINES AND OTHER MODULATORS OF IONOTROPIC GLUTAMATE RECEPTORS IN THE PRODUCTION OF NEW NEURONS DERIVED FROM NEURAL STEM CELLS.
US2011165143 A1 20110707	UNIV COLORADO REGENTS [US]	US20110985324 20110105; US20100292821P 20100106; US20100330008P 20100430	A61K38/46; A61K38/06; A61P17/02; A61P35/00; C12N5/071	MODULATION OF CASPASES AND THERAPEUTICAL APPLICATIONS
US2011236977 A1 20110929	UNIV COLUMBIA [US]	US20090936383 20090402; US20080041686P 20080402; WO2009US39360 20090402	C12N5/0775; C12N5/071; C12N5/074; C12N15/85	DENTAL STEM CELL DIFFERENTIATION

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US2011165128 A1 20110707	UNIV COLUMBIA [US]	US20090921396 20090306; US20080068568P 20080307; WO2009US36414 20090306	A61K35/12; A61P9/00; A61P9/10; C12N5/0775	HOMING IN MESENCHYMAL STEM CELLS
US2011300543 A1 20111208	UNIV COLUMBIA [US]	US200913126617 20091102; US20080110183P 20081031; WO2009US62947 20091102	C12N5/071; C12Q1/04; C12Q1/68; G01N21/64; G01N33/566	METHODS FOR MAKING INDUCED PLURIPOTENT STEM CELLS FROM MESENCHYMAL STEM CELLS
WO2011163328 A2 20111229	UNIV COLUMBIA [US]; LU HELEN H [US]; KWEI SHANG-PIN [US]; LEONG NATALIE [US]; SOLOMON MARISSA R [US]; SUBRAMONY SIDDARTH D [US]	US20100398265P 20100622; US201161519461P 20110523; US201161519460P 20110523; US201161519491P 20110523	C12N5/073	METHODS FOR PRODUCING TISSUE SCAFFOLD DIRECTING DIFFERENTIATION OF SEEDED CELLS AND TISSUE SCAFFOLDS PRODUCED THEREBY
US2011223144 A1 20110915	UNIV COLUMBIA [US]; UNIV NEW YORK STATE RES FOUND [US]	US201113109804 20110517; US20070584303 20070405; WO2004US42953 20041222; US20030532363P 20031224	A61K35/12; A61L27/38; A61N1/18; A61P9/00; C12N5/071; C12N5/074; C12N5/0775; C12N5/10	CREATION OF A BIOLOGICAL ATRIOVENTRICULAR BYPASS TO COMPENSATE FOR ATRIOVENTRICULAR BLOCK
WO2011090684 A2 20110728	UNIV CORNELL [US]; RAFII SHAHIN [US]; JAMES DAYLON [US]	US20090290667P 20091229	C12N5/071; C07K14/51; C12N5/02; C12N5/0735	METHODS FOR DEVELOPING ENDOTHELIAL CELLS FROM PLURIPOTENT CELLS AND ENDOTHELIAL CELLS DERIVED

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BRPI0709516 A2 20110719	UNIV DEGLI STUDI TORINO [IT]	IT2006TO00282 20060414; WO2007IB51325 20070412	C12N5/00; A61K35/32; A61L27/38	UM MEIO DE CULTURA E UM COMPOSTO FARMACÊUTICO PARA REGENERAR TECIDO CARTILAGINOSO, MÉTODO, USOS E PRODUTOS A ELA RELACIONADOS
KR20110088445 A 20110803	UNIV DONGGUK IND ACAD COOP [KR]	KR20100006926 20100126	C12N5/071; C12N5/074; C12N5/0775	A METHOD FOR INCREASING THE NUMBER OF MELANOCYTES
KR20110134253 A 20111214	UNIV DONGGUK IND ACAD COOP [KR]	KR20100053951 20100608	C12N13/00; C12N5/0775; C12N5/079	DIFFERENTIATION METHOD OF MESENCHYMAL STEM CELLS USING SONIC VIBRATION
KR20110087473 A 20110803	UNIV DONGGUK IND ACAD COOP [KR]	KR20100006910 20100126	C12N5/074; C12N5/02	METHOD FOR ISOLATION OF MELANOCYTE STEM CELLS FROM STEM CELLS OF HAIR FOLLICLE
EP2383333 A1 20111102	UNIV DRESDEN TECH [DE]	EP20100161354 20100428	C12N5/0797	METHOD FOR PRODUCING POLARIZED RETINAL PROGENITOR CELLS FROM PLURIPOTENT STEM CELLS AND THEIR DIFFERENTIATION INTO RETINAL PIGMENT EPITHELIUM CELLS
EP2380972 A1 20111026	UNIV DRESDEN TECH [DE]	EP20100160288 20100419	C12N5/0797	METHODS AND COMPOSITIONS FOR THE EXPANSION OF SOMATIC STEM CELLS AND PROGENITOR CELLS
CN102224240 A 20111019	UNIV DUKE	WO2009US05347 20090928; US20080100618P 20080926	C12N5/02; C12N5/071; C12N5/0789	HEMATOPOIETIC STEM CELL GROWTH FACTOR
WO2011154403 A2 20111215	UNIV EBERHARD KARLS [DE]; NMI UNIV TUEBINGEN [DE]; BADEN WUERTTEMBERG STIFTUNG GGMBH [DE]; AICHER WILHELM [DE]; ANGRES BRIGITTE [DE]	DE201010023837 20100607	A61K38/39	ISOLATION OF MESENCHYMAL STEM CELLS

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US2011206688 A1 20110825	UNIV FLORIDA [US]	US20090933482 20090319; US20080038164P 20080320; WO2009US37625 20090319	A61K39/395; A61K35/12; A61P9/00; C12N5/0789; C12N15/113	ENHANCING VESSEL LESION HOMING AND REPAIR POTENTIAL OF STEM CELLS
JP2011152111 A 20110811	UNIV FUKUI; SEIREN CO LTD	JP20100017328 20100128	C12N5/0735; C12N1/04	CULTURE MEDIUM FOR CULTURING PLURIPOTENT STEM CELL
WO2011156331 A2 20111215	UNIV GEORGIA [US]; STICE STEVEN L [US]; YOUNG AMBER [US]	US20100352585P 20100608	C12N5/0797; A61K35/30; A61P25/28; C07K14/475; C12N5/02	HUMAN NEURAL PROGENITOR DERIVED DOPAMINERGIC PROGENITORS AND NEURONS
US2011201110 A1 20110818	UNIV GIFU [JP]; UNIV KYOTO [JP]	US200813056526 20081002; US20080085308P 20080731; WO2008JP68320 20081002	C12N5/0775	EFFICIENT METHOD FOR ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
JP2011254701 A 20111222	UNIV GUNMA	JP20100129021 20100604	A01K67/027; A61K31/7088; A61K35/76; A61K48/00; A61P25/00; A61P43/00; C12N5/10; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	TRANSGENIC NON-HUMAN MAMMAL THAT SPECIFICALLY EXCESSIVELY EXPRESSING TARGET GENE IN CEREBELLAR PURKINJE CELL, BRAIN STEM, OR OLFACTORY BULB IN BRAIN
CN102225054 A 20111026	UNIV HEBEI SCIENCE & TECH	CN20111165034 20110620	A61K9/14; A61K47/46; A61P35/00; C12N5/10	PREPARATION CARRIED WITH PARTICLES OF ANTITUMOR DRUG AND PREPARATION METHOD THEREOF
EP2351831 A1 20110803	UNIV HIROSHIMA [JP]; TWO CELLS CO LTD [JP]	WO2009JP05573 20091022; JP20080289146 20081111	C12N5/00	ADDITIVE FOR DIFFERENTIATION INDUCTION CULTURE MEDIUM, AND USE THEREOF

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WO2011157057 A1 20111222	UNIV HONG KONG [CN]; CHAN PUI BARBARA [CN]; CHENG HIUWA [CN]; CHIK TSZKIT DANIEL [CN]; CHEUNG MANCHEE KENNETH [CN]; LUK DIPKEI KEITH [CN]	US20100354869P 20100615	A61L27/40; A61L27/38; C12N5/07; C12N5/0735; C12N5/0775; C12N5/0789	METHODS FOR COMPLEX TISSUE ENGINEERING
US2011293525 A1 20111201	UNIV ILLINOIS [US]	US201113118760 20110531; US20100396527P 20100529	A61K49/00; A61P35/00; C12N5/095; C12Q1/02; C12Q1/26; C12Q1/32; C12Q1/48; G01N33/53	TUMOR STEM CELLS
WO2011087637 A1 20110721	UNIV ILLINOIS [US]; ZHAO YONG [US]	US20090283782P 20091208; US20090283810P 20091208	C12M3/00; A61K35/26; A61P37/00; C12N5/0735; C12N5/078; C12N5/0783	STEM CELL IMMUNE MODULATION METHODS OF USE AND APPARATUS
CN102245758 A 20111116	UNIV INDIANA RES & TECH CORP	WO2009US63654 20091106; US20080112018P 20081106	C12N5/0789; A61K31/5575; A61K35/14; A61K35/28; A61K35/44; A61K35/50; A61P3/00; A61P7/00; A61P35/02; C12N5/0735; C12N5/074; C12N15/86	MATERIALS AND METHDS TO ENHANCE HEMATOPOIETIC STEM CELLS ENGRAFTMENT PROCEDURES
CN102174468 A 20110907	UNIV JINAN	CN20111045013 20110224	C12N5/0775; C12N5/077; C12N7/01; C12N15/861; C12P33/00	METHOD AND APPLICATION FOR INDUCING HUMAN UMBILICAL CORD MESENCHYME STEM CELLS TO BE DIFFERENTIATED INTO TESTICULAR INTERSTITIAL CELLS
CN102168065 A 20110831	UNIV JINAN	CN20111039600 20110217	C12N5/0775; C12N5/071	METHOD FOR INDUCING HUMAN UMBILICAL CORD MESENCHYMAL STEM CELLS IN VITRO INTO LIVER CELLS AND APPLICATION THEREOF

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US2011256212 A1 20111020	UNIV JOHNS HOPKINS [US]	US201113032403 20110222; US20100375314 20100219; WO2007US16959 20070730; US20060834071P 20060728	A61K9/127; A61K31/47; A61K31/4709; A61K31/4745; A61K31/475; A61K31/513; A61K31/517; A61K31/519; A61K31/52; A61K31/5377; A61K31/675; A61K31/704; A61K31/7048; A61K31/7068; A61K31/7076; A61K33/24; A61P35/00; A61P35/02; A61P35/04; C12N5/095	USE OF 8-QUINOLINOL AND ITS ANALOGS TO TARGET CANCER STEM CELLS
WO2011106681 A2 20110901	UNIV JOHNS HOPKINS [US]; GERECHT SHARON [US]; HANJAYA-PUTRA DONNY [US]; VO ELAINE TUONG VI [US]; WANJARE MAUREEN [US]	US20100308014P 20100225	C12N5/071; C07K14/475; C12N5/02; C12N5/0735	SMOOTH MUSCLE-LIKE CELLS (SMLCS) DERIVED FROM HUMAN PLURIPOTENT STEM CELLS
WO2011084747 A2 20110714	UNIV JOHNS HOPKINS [US]; JANG YOON-YOUNG; SHARKIS SAUL J	US20090288583P 20091221	C12N5/071; A61K35/12; C12N5/02; C12N5/074	COMPOSITIONS AND METHODS FOR SOMATIC TISSUE INDUCED PLURIPOTENT STEM CELLS HAVING AN ENDODERM ORIGIN
WO2011106676 A2 20110901	UNIV JOHNS HOPKINS [US]; SHAMBLOTT MICHAEL L [US]; BETENBAUGH MICHAEL J [US]; JONES MEREDITH [US]	US20100308029P 20100225; US20100308025P 20100225	C12N5/02; C07K14/47; C12N5/0735; C12N15/113; C12Q1/68; G01N33/68	METHODS OF HUMAN EMBRYONIC STEM CELL GROWTH

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WO2011100286 A2 20110818	UNIV JOHNS HOPKINS [US]; ZAMBIDIS ELIAS T [US]; BURRIDGE PAUL W [US]	US20100302714P 20100209; US201061426292P 20101222	C12N5/0735; A61K35/12; A61P9/00; C12N5/02; C12N5/074	COMPOSITIONS AND METHODS OF GENERATING A DIFFERENTIATED MESODERMAL CELL
WO2011083752 A1 20110714	UNIV KANAZAWA NAT UNIV CORP [JP]; YAMASHIMA TETSUMORI [JP]	JP20100000736 20100105	C12N5/00; C12N5/0775; C12N5/079	GPR40-POSITIVE BONE MARROW STEM CELL
KR20110106468 A 20110928	UNIV KEIO [JP]	US20090206711P 20090203	C12N5/0735; A61K35/54; C12N5/0797	CULTURE METHOD OF EMBRYOID BODIES AND/OR NEURAL STEM CELLS DERIVED FROM HUMAN DIFFERENTIATED CELL-DERIVED PLURIPOTENT STEM CELLS
EP2356223 A1 20110817	UNIV KEIO [JP]	WO2009JP05856 20091104; US20080198365P 20081105	C12N5/0797	METHOD FOR PRODUCING NEURAL STEM CELLS
AU2010232148 A1 20111027	UNIV KEIO [JP]; DAIICHI SANKYO CO LTD	JP20090083553 20090330; WO2010JP56108 20100329	C12N5/00; C12N5/07	METHOD FOR INDUCING CELL DEATH IN PLURIPOTENT STEM CELLS AND DIFFERENTIATED CELLS OTHER THAN CARDIAC MYOCYTES
WO2011129446 A1 20111020	UNIV KEIO [JP]; DNAVEC CORP [JP]; FUKUDA KEIICHI [JP]; YUASA SHINSUKE [JP]; SEKI TOMOHISA [JP]; HASEGAWA MAMORU [JP]	JP20100095404 20100416	C12N5/10; C12N15/09	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS
KR20110076251 A 20110706	UNIV KOREA RES & BUS FOUND [KR]	KR20090132908 20091229	C12N5/0735; C12N5/02	A CULTURE METHOD OF HUMAN EMBRYONIC STEM CELL USING A HUMAN PLACENTA-DERIVED FEEDER CELL AND A CULTURE MEDIA THEREOF
KR20110076264 A 20110706	UNIV KOREA RES & BUS FOUND [KR]	KR20090132928 20091229	C12N5/0735; C12N5/02	A CULTURE METHOD OF MOUSE EMBRYONIC STEM CELL USING A HUMAN PLACENTA-DERIVED FEEDER CELL AND A CULTURE MEDIA THEREOF

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CN102115760 A 20110706	UNIV KOREA RES & BUS FOUND [KR]	KR20090134966 20091230; KR20090134974 20091230; KR20090134976 20091230; KR20090134986 20091230	C12N15/63; C12N5/071; C12N5/074; C12N5/10	COMPOSITION FOR REPROGRAMMING SOMATIC CELLS TO GENERATE INDUCED PLURIPOTENT STEM CELLS, AND METHOD FOR GENERATING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
US2011275157 A1 20111110	UNIV KOREA RES & BUS FOUND [KR]	KR20100043695 20100510; KR20100043697 20100510; KR20100043698 20100510	C12N15/85; C12N5/0735	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 THE SAME
KR20110124103 A 20111116	UNIV KOREA RES & BUS FOUND [KR]	KR20100043698 20100510	C12N5/0735; C07K14/47; C12N5/02; C12N15/12	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH BMI1 AND HISTONE DEACETYLASE INHIBITOR TREATMENT AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110078215 A 20110707	UNIV KOREA RES & BUS FOUND [KR]	KR20090134966 20091230	C12N5/0735; C12N5/10; C12N15/12; C12N15/63	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH BMI1 AND OCT4, AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110124102 A 20111116	UNIV KOREA RES & BUS FOUND [KR]	KR20100043697 20100510	C12N5/0735; C07K14/47; C07K14/50; C12N15/12	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH BMI1, G9AHMTASE INHIBITOR AND DMNT INHIBITOR TREATMENT AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME

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KR20110124101 A 20111116	UNIV KOREA RES & BUS FOUND [KR]	KR20100043695 20100510	C12N5/0735; C07K14/47; C12N5/02; C12N15/12	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH BMI1, MEK INHIBITOR AND GSK INHIBITOR TREATMENT AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110124672 A 20111117	UNIV KOREA RES & BUS FOUND [KR]	KR20100044188 20100511	C12N5/0735; C07J9/00; C12N15/113	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH OXYSTEROLS AND WWP2 SIRNA TREATMENT AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110078224 A 20110707	UNIV KOREA RES & BUS FOUND [KR]	KR20090134976 20091230	C12N5/0735; C12N5/10; C12N15/12; C12N15/86	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH OXYSTEROLS TREATMENT AND OCT4, AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110078234 A 20110707	UNIV KOREA RES & BUS FOUND [KR]	KR20090134986 20091230	C12N5/0735; C12N5/10; C12N15/12; C12N15/86	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH PURMORPHAMINE TREATMENT AND OCT4, AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110078222 A 20110707	UNIV KOREA RES & BUS FOUND [KR]	KR20090134974 20091230	C12N5/0735; C12N5/10; C12N15/12; C12N15/63	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH SHH AND OCT4, AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME

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KR20110124106 A 20111116	UNIV KOREA RES & BUS FOUND [KR]	KR20100043702 20100510	C12N5/0735; C07K14/47; C12N15/12	GENERATION COMPOSITION FOR INDUCED PLURIPOTENT STEM CELLS WITH SHH, FGFR TYROSINE KINASE INHIBITOR, MEK INHIBITOR AND GSK INHIBITOR TREATMENT AND METHOD OF MANUFACTURING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110124105 A 20111116	UNIV KOREA RES & BUS FOUND [KR]	KR20100043700 20100510	C12N5/0735; C12N15/12; C12N15/85	METHOD OF MANUFACTURING INDUCED EPIBLAST STEM CELLS WITH BMI1 AND INDUCED PLURIPOTENT STEM CELLS USING THE SAME
KR20110117366 A 20111027	UNIV KOREA RES & BUS FOUND [KR]	KR20100036780 20100421	G01N33/68; C12N5/095; C12Q1/68; G01N33/574	PROTEINIC MARKERS FOR DIAGNOSING PROSTATE CANCER STEM CELLS
KR20110118945 A 20111102	UNIV KOREA RES & BUS FOUND [KR]	KR20100038361 20100426	G01N33/68; C12N5/095; C12Q1/68; G01N33/574	PROTEINIC MARKERS FOR SELECTING COLON CANCER STEM CELLS
JP2011223993 A 20111110	UNIV KUMAMOTO	JP20100077641 20100330; JP20110071530 20110329	C12N5/0735; C12N5/00; C12N5/10	METHOD FOR INDUCING DIFFERENTIATION OF STEM CELL
EP2342333 A1 20110713	UNIV KYOTO [JP]	WO2009JP69015 20091030; US20080193122P 20081030; US20090202385P 20090224	C12N15/09; C12N5/10	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011223669 A1 20110915	UNIV KYOTO [JP]	US20090672042 20090626; US20080076487P 20080627; US20080095573P 20080909; US20080194700P 20080930; US20080200307P 20081125; US20090209686P 20090310; WO2009JP62173 20090626	C12N15/85; C12N5/071; C12N5/074; C12N5/10	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
NZ569530 A 20110729	UNIV KYOTO [JP]	JP20050359537 20051213; WO2006JP324881 20061206	C12N15/09; C07K14/47; C12N5/074	NUCLEAR REPROGRAMMING FACTOR
WO2011132799 A1 20111027	UNIV KYOTO [JP]; HEIKE TOSHIO [JP]; NAKAHATA TATSUTOSHI [JP]; AWAYA TOMONARI [JP]	US20100326929P 20100422	C12N5/10	METHOD FOR INDUCING DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO SKELETAL MUSCLE OR SKELETAL MUSCLE PROGENITOR CELLS
WO2011102531 A1 20110825	UNIV KYOTO [JP]; NAT INST OF ADVANCED IND SCIEN [JP]; JAPAN BIOLOG INFORMATICS CONSORTIUM [JP]; YAMANAKA SHINYA [JP]; GOSHIMA NAOKI [JP]; MAEKAWA MOMOKO [JP]; KAWAMURA YOSHIFUMI [JP]; MOCHIZUKI HIROMI [JP]	US20100379949P 20100903; US20100305107P 20100216	C12N5/0735	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
WO2011115308 A1 20110922	UNIV KYOTO [JP]; NIWA AKIRA [JP]; NAKAHATA TATSUTOSHI [JP]; HEIKE TOSHIO [JP]	US20100315170P 20100318	C12N5/095	METHOD FOR INDUCING DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO MESODERMAL CELLS

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WO2011142485 A1 20111117	UNIV KYOTO [JP]; UNIV WASEDA [JP]; YAMASHITA JUN [JP]; NAKAO YOICHI [JP]; KATSUMATA RYOSUKE [JP]	US20100334961P 20100514	C07K11/02; C12N5/071; C12N5/10	NOVEL CYCLIC DEPSIPEPTIDE AND USE THEREOF
WO2011087154 A1 20110721	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; KOYANAGI MICHIYO [JP]	US20100282295P 20100115	C12N5/073	METHOD FOR SCREENING INDUCED PLURIPOTENT STEM CELLS
WO2011090221 A1 20110728	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; NAKAGAWA MASATO [JP]	US20100282320P 20100122	C12N5/071; C12N5/10	METHOD FOR IMPROVING INDUCED PLURIPOTENT STEM CELL GENERATION EFFICIENCY
WO2011111588 A1 20110915	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; NOCE TOSHIAKI [JP]; IMAMURA MASANORI [JP]	JP20100052384 20100309	C12N5/00; A01K67/027; A61K35/48; A61P15/08; C07K14/47; C07K14/475; C07K14/485; C07K14/51; C12N5/0735	METHOD OF INDUCING THE DIFFERENTIATION OF GERMLINE STEM CELLS, METHOD OF EXPANDING THE CELLS, AND CULTURE MEDIA THEREFOR
WO2011111614 A1 20110915	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; OKITA KEISUKE [JP]	US20100312536P 20100310	C12N5/0735; C12M1/00; C12N15/09; C12Q1/68; G01N37/00	METHOD OF SELECTING INDUCED PLURIPOTENT STEM CELL
WO2011158960 A1 20111222	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; TAKAHASHI KAZUTOSHI [JP]; OHNUKI MARI [JP]	US20100354859P 20100615	C12N5/10	METHOD FOR SELECTING HUMAN INDUCED PLURIPOTENT STEM CELLS
WO2011158967 A1 20111222	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; TANABE KOJI [JP]	US20100355339P 20100616	C12N15/09; C12N5/10	METHOD FOR EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELL
KR20110106747 A 20110929	UNIV KYUNG HEE UNIV IND COOP [KR]	KR20100025977 20100323	C12N5/0797; A61K35/30; A61P25/00; C12N5/02	A COMPOSITION FOR PROLIFERATION AND DIFFERENCIATION OF NEURAL STEM CELLS OR NEURAL PRECURSOR CELLS

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AU2010286740 A1 20111124	UNIV LELAND STANFORD JUNIOR [US]	US20100332651P 20100507; US20090236085P 20090822; WO2010US46343 20100823	G01N33/68; C12N5/073; G06K9/00; G06T7/00; G06T7/20	IMAGING AND EVALUATING EMBRYOS, OOCYTES, AND STEM CELLS
WO2011153236 A1 20111208	UNIV LELAND STANFORD JUNIOR [US]; ARDEHALI REZA [US]; WEISSMAN IRVING L [US]; DRUKKER MICHA [US]; NUSSE ROELAND [US]	US20100396943P 20100603	C12N5/00; C12N5/02; G01N33/567	PURIFIED COMPOSITIONS OF CARDIOVASCULAR PROGENITOR CELLS
WO2011146395 A2 20111124	UNIV LELAND STANFORD JUNIOR [US]; PEARL JEREMY [US]; WU JOSEPH [US]; DAVIS MARK [US]	US201161463581P 20110218; US20100395828P 20100517	A61K39/395; A61K35/12; A61K35/30; A61P25/00; A61P37/06	PREVENTION OF IMMUNOLOGICAL REJECTION OF TRANSPLANTED STEM CELLS BY LEUKOCYTE COSTIMULATORY MOLECULE BLOCKADE
WO2011094538 A1 20110804	UNIV LELAND STANFORD JUNIOR [US]; TANG CHAD [US]; WEISSMAN IRVING L [US]; DRUKKER MICHA [US]	US20100299846P 20100129	C12N5/00; A61K39/395	DEPLETION OF TERATOMA-FORMING PLURIPOTENT STEM CELLS
WO2011094738 A1 20110804	UNIV LELAND STANFORD JUNIOR [US]; WU JOSEPH [US]; LONGAKER MICHAEL T [US]; KAY MARK A [US]; SUNG NING [US]; JIA FANGJUN [US]; CHEN ZHI-YING [CN]; PANETTA NICHOLAS [US]; GUPTA DEEPAK [US]	US20100337316P 20100201	C12N15/00; C12N5/00	ENHANCED EFFICIENCY OF INDUCED PLURIPOTENT STEM CELL GENERATION
EP2366030 A1 20110921	UNIV LOUISVILLE RES FOUND [US]	WO2009US64612 20091116; US20080199345P 20081114	C12Q1/68; C12N5/071	IMPRINTING IN VERY SMALL EMBRYONIC-LIKE (VSEL) STEM CELLS

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EP2352817 A1 20110810	UNIV LOUISVILLE RES FOUND [US]	WO2009US62962 20091102; US20090278840P 20091013; US20080197896P 20081031	C12N5/079; C12N5/02	OLFACTORY EPITHELIAL-DERIVED STEM CELLS AND METHODS OF USE THEREFOR
BRPI0620049 A2 20111101	UNIV LOUVAIN [BE]	EP20050447286 20051221; WO2006EP01001 20061017; WO2006EP12046 20061214	C12N5/074	CÉLULAS-TRONCO ISOLADAS DO FÌGADO
US2011182866 A1 20110728	UNIV MIAMI [US]	US20090992627 20090514; US20080053462P 20080515; WO2009US43885 20090514	A61K35/28; A61K35/12; A61P9/00; C12M3/00; C12N5/071; C12N5/0775; C12N13/00	ISOLATION OF STEM CELL PRECURSORS AND EXPANSION IN NON-ADHERENT CONDITIONS
EP2359863 A2 20110824	UNIV MICHIGAN [US]	EP20010956101 20010802; US20000222794P 20000803; US20000240317P 20001013; US20010920517 20010801	A61K47/48; A01K67/027; A61K35/12; A61K39/00; A61K39/395; A61K49/00; A61P35/00; C07K14/82; C12N5/095; C12N5/10; C12N15/09; C12Q1/02; C12Q1/68; G01N33/15; G01N33/50; G01N33/53; G01N33/543; G01N33/574; G01N37/00	ISOLATION AND USE OF SOLID TUMOR STEM CELLS

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US2011183866 A1 20110728	UNIV MICHIGAN [US]; ONCOMED PHARM INC [US]	US201113077380 20110331; US20090512655 20090730; US20060451774 20060613; US20050690001P 20050613	C40B30/04; C12N5/09; C12N5/095; C12Q1/68	COMPOSITIONS AND METHODS FOR TREATING AND DIAGNOSING CANCER
WO2011089299 A1 20110728	UNIV MIGUEL HERNANDEZ DE ELCHE [ES]; VILANOVA GISBERT EUGENIO [ES]; SOGORB SANCHEZ MIGUEL ANGEL [ES]	ES20100030065 20100120	G01N33/50; C12N5/0735; C12N5/074; C12N15/12	METHODS AND COMPOSITIONS FOR IDENTIFYING EMBRYOTOXIC COMPOUNDS
WO2011132018 A1 20111027	UNIV MILANO BICOCCA [IT]; VESCOVI ANGELO LUIGI [CH]; GELAIN FABRIZIO [IT]	WO2010IB51700 20100419	A61K47/48; C07K14/00; C07K14/78; C12N5/00	NOVEL SELF-ASSEMBLING PEPTIDES AND THEIR USE IN THE FORMATION OF HYDROGELS
AU2011203281 A1 20110728	UNIV MINNESOTA [US]; ABT HOLDING COMPANY [US]	AU20110203281 20110630	C12N5/074; A01K67/027; A01N63/00; A61D19/04; A61K35/12; A61K35/14; A61K35/28; A61K35/30; A61K35/32; A61K35/39; A61K35/407; A61K35/44; A61K39/00; A61K45/00; A61K47/46; A61L27/00; A61L31/00; A61P1/00; A61P1/16; A61P1/18; A61P3/00; A61P3/10; A61P7/00; A61P7/	MULTIPOTENT ADULT STEM CELLS, SOURCES THEREOF, METHODS OF OBTAINING AND MAINTAINING SAME, METHODS OF DIFFERENTIATION THEREOF, METHODS OF USE THEREOF AND CELLS DERIVED THEREOF
WO2011160066 A1 20111222	UNIV MINNESOTA [US]; FIRPO MERI [US]; GENG ZHAOHUI [US]	US20100355916P 20100617	C12N5/071; A61K35/39	PRODUCTION OF INSULIN PRODUCING CELLS

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WO2011097330 A2 20110811	UNIV MISSOURI [US]; FORGACS GABOR [US]; COLBERT STEPHEN H [US]; HUBBARD BRADLEY A [US]; MARGA FRANCOISE [US]; CHRISTIANSEN DUSTIN [US]	US201161438097P 20110131; US20100337307P 20100202	A61L27/38; A61F2/04; A61L27/54; C12N5/02; C12N5/071; C12N5/0775	ENGINEERED BIOLOGICAL NERVE GRAFT FABRICATION AND APPLICATION THEREOF
WO2011135969 A1 20111103	UNIV NAGOYA NAT UNIV CORP [JP]; ISOBE KEN-ICHI [JP]	JP20100103211 20100428	C12N5/10; A61K35/28; A61L27/00; C12N15/09	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS
US2011177597 A1 20110721	UNIV NANCY 1 HENRI POINCARE [FR]	EP20080290599 20080624; WO2009EP57850 20090623	C12N5/071; C12N5/077	CELLULAR DIFFERENTIATION PROCESS AND ITS USE FOR BLOOD VESSEL BUILD-UP
KR20110124828 A 20111118	UNIV NAT CHONNAM IND FOUND [KR]	KR20100044235 20100512	C12N5/0735; C07K14/78; C12N5/02; C13K1/00	PROCESS FOR REGULATION OF MOUSE EMBRYONIC STEM CELLS PROLIFERATION THROUGH HIGH GLUCOSE-INDUCED FIBRONECTIN SYNTHESIS
WO2011144901 A1 20111124	UNIV NEWCASTLE [GB]; SIEBER-BLUM MAYA [GB]	GB20100008440 20100520; GB20100013895 20100819; GB20100020251 20101130	C12N5/074; C12N5/079; C12N5/0793; C12N5/0797	EXPANSION AND DIRECTED DIFFERENTIATION OF EPIDERMAL NEURAL CREST STEM CELLS
BRPI0618724 A2 20110906	UNIV NORTH CAROLINA [US]	US20050736873P 20051116; WO2006US60904 20061115	C12N5/074	COMPONENTES DA MATRIZ EXTRACELULAR PARA EXPANSÃO OU DIFERENCIAÇÃO DE PROGENITORES HEPÁTICOS
TW201122108 A 20110701	UNIV NORTH CAROLINA [US]	US20090256846P 20091030	C12N5/071	MULTIPOTENT STEM CELLS FROM THE EXTRAHEPATIC BILIARY TREE AND METHODS OF ISOLATING SAME
CN102250830 A 20111123	UNIV NORTHWEST A&F	CN20111185764 20110705	C12N5/071	IN-VITRO SEPARATING AND CULTURING METHOD FOR GERMLINE STEM CELL

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CN102154195 A 20110817	UNIV NORTHWEST A&F	CN20101600520 20090904	C12N5/071	IN-VITRO SEPARATION AND PREPARATION METHOD OF MALE GERMLINE STEM CELLS OF GOAT
CN102206611 A 20111005	UNIV NORTHWEST A&F	CN20111107432 20110427	C12N5/0797	ISOLATION AND CULTURE METHOD OF AMNIOTIC-FLUID-DERIVED NEURAL STEM CELLS
CN102206609 A 20111005	UNIV NORTHWEST A&F	CN20111107772 20110427	C12N5/071	SEPARATION CULTURE METHOD FOR FEMALE GERMLINE STEM CELLS DERIVED FROM OVARIAN
BRPI0710522 A2 20110816	UNIV OPEN [GB]	GB20060006764 20060405; WO2007GB50161 20070328	C12N5/077	CULTURA DE CÉLULAS TRIDIMENSIONAL
US2011244450 A1 20111006	UNIV OREGON HEALTH & SCIENCE	US201113149543 20110531; US20080122557 20080516; US20070938683P 20070517; US20070940316P 20070525; US20070942427P 20070606	C12Q1/68; C12N5/0735; C12N5/16; C12N15/06; C12Q1/02	PRIMATE TOTIPOTENT AND PLURIPOTENT STEM CELLS PRODUCED BY SOMATIC CELL NUCLEAR TRANSFER
WO2011102444 A1 20110825	UNIV OSAKA [JP]; MORI MASAKI [JP]; ISHII HIDESHI [JP]; MIYOSHI NORIKATSU [JP]; DOKI YUICHIRO [JP]; TANEMURA MASAHIRO [JP]; NAGAI KENICHI [JP]; HOSHINO HIROMITSU [JP]; OMURA YOSHIAKI [JP]; HARAGUCHI NAOTSUGU [JP]; MIYAZAKI SUSUMU [JP]	JP20100034008 20100218	C12N15/09; C12N5/10; C12Q1/02; C12Q1/68	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS

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WO2011080303 A1 20110707	UNIV PALERMO [IT]; GIORDANO CARLA [IT]; GALLUZZO ALDO [IT]; CRISCIMANNA ANGELA [IT]; ZITO GIOVANNI [IT]	IT2009FI00275 20091229	C12N5/074; C12N5/071	GENERATION OF PANCREATIC HORMONE-EXPRESSING CELLS FROM HUMAN FIBROBLAST-LIKE LIMBAL STEM CELLS
US2011251593 A1 20111013	UNIV PENNSYLVANIA [US]	US201113084180 20110411; US20100323203P 20100412	A61M37/00; A61K35/28; A61P7/06; A61P19/08; A61P35/00; A61P35/02; C12N5/0775	IN VIVO AND EX VIVO EXPANSION OF HEMATOPOIETIC STEM CELLS WITH A TARGETED COMBINATION OF CLINICALLY TESTED, FDA APPROVED DRUGS
WO2011133288 A1 20111027	UNIV PENNSYLVANIA [US]; MORRISEY EDWARD E [US]	US20100325596P 20100419	C12N5/07	MICRORNA INDUCTION OF PLURIPOTENTIAL STEM CELLS AND USES THEREOF
CN102154369 A 20110817	UNIV PLA 3RD MILITARY MEDICAL	CN20111029476 20110127	C12N15/867; C12N5/10; C12N7/01	RECOMBINANT SLOW VIRUS VECTOR, RECOMBINANT SLOW VIRUS AND STEM CELL CONTAINING RECOMBINANT SLOW VIRUS
WO2011097242 A2 20110811	UNIV ROCHESTER [US]; HILTON MATTHEW J [US]	US20100300625P 20100202	C12N5/0775; A61K35/12; C12Q1/24; G01N33/50	METHODS OF ISOLATING AND CULTURING MESENCHYMAL STEM CELLS
US2011312897 A1 20111222	UNIV ROCKEFELLER [US]	US200913119503 20090917; US20080097679P 20080917; WO2009US57249 20090917	A61K38/00; A61K31/7105; A61P35/00; C12N5/00; C12Q1/37	CATHEPSIN L PROTEOLYTICALLY PROCESSES HISTONE H3 DURING MOUSE EMBRYONIC STEM CELL DIFFERENTIATION
WO2011161172 A1 20111229	UNIV ROUEN [FR]; VANNIER JEAN PIERRE [FR]; DAVID LAURENT [FR]; LECERF DIDIER [FR]; DULONG VIRGINIE [FR]; COQUEREL BERENICE [FR]; DEMANGE ELISE [FR]	EP20100305666 20100622; EP20110305333 20110324	C12N5/00	IMPROVED CROSSLINKED HYALURONAN HYDROGELS FOR 3D CELL CULTURE

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US2011262358 A1 20111027	UNIV SAPPORO MEDICAL [JP]; DAINIPPON SUMITOMO PHARMA CO [JP]	JP20080275539 20081027; JP20090068656 20090319; WO2009JP05676 20091027	A61K49/00; A61K31/7088; A61K38/02; A61K39/00; A61K39/395; A61P35/00; A61P43/00; C07H21/00; C07H21/02; C07H21/04; C07K7/00; C07K16/18; C12N5/095; C12Q1/02; C12Q1/04; C12Q1/48; C12Q1/68; G01N33/566	MOLECULAR MARKER FOR CANCER STEM CELL
US2011250236 A1 20111013	UNIV SEVILLA [ES]	ES20070002167 20070802; WO2008EP60192 20080801	A61K35/12; A61K9/00; A61P25/00; A61P25/16; A61P25/28; C12N5/071; C12N5/074; C12N5/10; C12P21/00; C12Q1/02	STEM CELLS DERIVED FROM THE CAROTID BODY AND USES THEREOF
CN102250826 A 20111123	UNIV SHAANXI SCIENCE & TECH	CN20111188467 20110706	C12N5/04; C12N5/02	PROCESS FOR CULTURING GENTIANA MACROPHYLLA SUSPENSION CELLS
WO2011108993 A1 20110909	UNIV SINGAPORE [SG]; RAGHUNATH MICHAEL [SG]; LOE HUI LI [SG]; BLOCKI ANNA [SG]	US20100309509P 20100302	C12N5/07; C12N1/38; C12N5/0735; C12N5/0775; C12N5/0789	CULTURE ADDITIVES TO BOOST STEM CELL PROLIFERATION AND DIFFERENTIATION RESPONSE
US2011283371 A1 20111117	UNIV SOUTHERN CALIFORNIA [US]	US200913133638 20091209; US20080121081P 20081209; US20090180042P 20090520; US20090228905P 20090727; WO2009US67398 20091209	C12N5/0775; A01K67/027; A61K35/36; G01N33/567	STEM CELL MODIFIED ANIMAL MODEL FOR AGING-RELATED DEGENERATIONS, STEM CELL BASED METHODS AND COMPOSITIONS FOR EXTENDING LIFESPAN AND TREATING SLE-LIKE AUTOIMMUNE DISEASES

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MX2011010367 A 20111012	UNIV TEXAS [US]	US20090165193P 20090331; WO2009US47981 20090619	C12N5/0789; C12N5/02	ISOLATION OF HUMAN UMBILICAL CORD BLOOD-DERIVED MESENCHYMAL STEM CELLS.
US2011171681 A1 20110714	UNIV TEXAS [US]	US201113070124 20110323; US20070573508 20070710; WO2005US28823 20050812; US20040600924P 20040812	C12Q1/02; C12N5/02; C12N5/073; C12N5/0735	METHODS AND COMPOSITIONS FOR REGULATION OF STEM CELL SURVIVAL, PROLIFERATION, AND DIFFERENTIATION BY PROTEIN UBIQUITINATION
US2011200567 A1 20110818	UNIV TEXAS [US]	US201113008637 20110118; US20090527969 20090928; WO2008US54553 20080221; US20100295796P 20100118; US20070890958P 20070221	A61K35/12; A61M31/00; A61P11/00; C12N5/071; C12N5/10; C12N15/85	METHODS AND COMPOSITIONS FOR THE TREATMENT OF LUNG DISEASES AND DISORDERS
CN102250390 A 20111123	UNIV TIANJIN	CN20111135834 20110525	C08L5/04; C08J3/075; C08J3/24; C08J7/12; C08J9/28; C08J9/40; C08J9/42; C12N5/0775	ALGINATE HYDROGEL MICROCARRIER AND PREPARATION METHOD THEREOF
WO2011122601 A1 20111006	UNIV TOKAI EDUCATIONAL SYSTEM [JP]; SAKAI DAISUKE [JP]; MOCHIDA JOJI [JP]; ANDO KIYOSHI [JP]; NAKAMURA YOSHIHIKO [JP]	JP20100077743 20100330	C12N5/077; A61K35/28; A61K38/00; A61P19/00; C12N5/0775	INTERVERTEBRAL DISC NUCLEUS PULPOSUS STEM/PROGENITOR CELL, METHOD FOR CULTURING SAME, AND APPLICATION

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CN102196722 A 20110921	UNIV TOKYO [JP]	WO2009JP64676 20090821; JP20080214711 20080822; JP20090040045 20090223	A01K67/027; A61L27/00; C12N5/10; C12N15/09	ORGAN REGENERATION METHOD UTILIZING IPS CELL AND BLASTOCYST COMPLEMENTATION
WO2011096482 A1 20110811	UNIV TOKYO [JP]; NAKAUCHI HIROMITSU [JP]; KANEKO SHIN [JP]; NISHIMURA TOSHINOBU [JP]	US20100300991P 20100203	C12N15/09; A61K35/14; C12N5/10	METHOD FOR RECONSTRUCTING IMMUNE SYSTEM USING PLURIPOTENT STEM CELLS
WO2011158852 A1 20111222	UNIV TOKYO [JP]; NAKAUCHI HIROMITSU [JP]; OTSU MAKOTO [JP]; TAKAYAMA NAOYA [JP]; AHN DONG-HYUCK [JP]	US20100354848P 20100615	C12N5/071; C12N5/10; C12N15/09	PROCESS FOR PRODUCTION OF INDUCED PLURIPOTENT STEM CELL
CN102120985 A 20110713	UNIV TONGJI	CN20101599706 20101222	C12N5/0775	METHOD FOR EFFICIENTLY SEPARATING AND CULTURING MESENCHYMAL STEM CELLS OF PRIMARILY-CULTURED RABBIT
JP2011219435 A 20111104	UNIV TOTTORI	JP20100092948 20100414	A61K45/00; A61K31/055; A61K31/265; A61K31/341; A61K31/352; A61K35/407; A61L27/00; A61P1/16; A61P43/00; C12N5/077; C12N5/0775	COMPOUND INDUCING DIFFERENTIATION FROM HUMAN STEM CELL TO LIVER CELL
JP2011184303 A 20110922	UNIV TSUKUBA	JP20100047851 20100304	A61K35/12; A61P19/08	METHOD FOR PRODUCING BONE REGENERATION PROMOTER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011305673 A1 20111215	UNIV VERMONT [US]	US200913128804 20091112; US20080113842P 20081112; WO2009US06099 20091112	A61K35/28; A61P43/00; C12N5/071; C12Q1/02	COMPOSITIONS AND METHODS FOR TISSUE REPAIR
US2011165133 A1 20110707	UNIV YALE	US201113019829 20110202; US20080025700 20080204; US20070899144P 20070202	A61K35/12; A61P43/00; C12N5/10	METHOD OF DE-DIFFERENTIATING AND RE-DIFFERENTIATING SOMATIC CELLS USING RNA
US2011217774 A1 20110908	UNIV YONSEI IACF [KR]	KR20090107235 20091106; WO2010KR05892 20100831	C12N5/0797	EFFICIENT AND UNIVERSAL METHOD FOR NEURAL DIFFERENTIATION OF PLURIPOTENT STEM CELLS
KR20110085765 A 20110727	UNIV YONSEI IACF [KR]	KR20100005723 20100121	C12N5/074; A61P35/00; C12N15/09; C12N15/86	HUMAN ADULT STEM CELLS SECRETING ANTI-MDM2 AND USES THEREOF
KR20110139363 A 20111229	UNIV YONSEI IACF [KR]	KR20100059400 20100623	C12N5/0784; A61K39/00; A61P35/00; C07K14/52	METHOD FOR PREPARING MATURE DEDRITIC CELL WITH EXCELLENT IMMUNE ACTIVITY
KR20110094940 A 20110824	UNIV YONSEI IACF [KR]	KR20100014681 20100218	C12N5/079; C12N5/02; C12N5/0775	METHOD OF INDUCING MESENCHYMAL STEM CELL TO DIFFERENTIATE INTO GABAERGIC NEURONAL CELL AND COMPOSTION COMPRISING BDNF FOR INDUCING DIFFERENTIATION INTO GABAERGIC NEURONAL CELL
KR20110109159 A 20111006	UNIV YONSEI IACF [KR]	KR20100028761 20100330	C12N5/0775; A61K35/34; A61P9/00; C12N5/02	USE OF PKC ACTIVATOR FOR INDUCING DIFFERENTIATION OF MESENCHYMAL STEM CELLS TO CARDIOGENIC CELLS
CN102188752 A 20110921	UNIV ZHEJIANG	CN20111091845 20110412	A61L27/38; C12M3/00; C12N5/0775	METHOD AND DEVICE FOR PREPARING BONE MARROW MESENCHYMAL STEM CELLS-TUBE SCAFFOLD COMPOUND

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102161980 A 20110824	UNIV ZHEJIANG	CN20111036898 20110212	C12N5/074; C12N5/0775; C12N5/10	METHOD FOR CULTURING INDUCED PLURIPOTENT STEM CELLS BY USING HUMAN MESENCHYMAL STEM CELLS AS TROPHOBLAST
CN102199574 A 20110928	UNIV ZHEJIANG	CN20111079441 20110331	C12N5/09	SEPARATION METHOD FOR CELL CLUSTER HAVING TUMORIGENIC POTENTIAL IN LIVER CANCER TISSUE
AU2010222537 A1 20111013	UNIV ZUERICH; MED DISCOVERY SA	US20090202535P 20090310; WO2010IB51038 20100310	A61K35/14; A61K38/55; A61P7/00; C12N5/0787; C12Q1/37	USE OF SERINE PROTEASE INHIBITORS IN THE TREATMENT OF NEUTROPENIA
DE102010025294 A1 20111229	UNIVERSITAETSKLINIKUM SCHLESWIG HOLSTEIN [DE]	DE201010025294 20100628	C12N5/074	ISOLATING PERIODONTAL STEM CELLS, COMPRISES BRINGING A TISSUE SAMPLE TAKEN FROM AN ALVEOLAR BONE AND/OR CERVICAL GINGIVAL MARGIN IN A NUTRIENT SOLUTION, CULTURING THE TISSUE SAMPLE AND REMOVING THE VITAL CELLS
WO2011133432 A2 20111027	US HEALTH [US]; AVITAL ITZHAK [US]; XIN HONGWU [US]; HARI DANIELLE M [US]	US20100342642P 20100416	C12Q1/68; C12N5/095; C12Q1/02; G01N33/52	METHODS TO DETECT AND ISOLATE CANCER STEM CELLS
CN102257124 A 20111123	UWE MARX	WO2009EP04008 20090604; US20080058766P 20080604	C12M3/00; C12M1/34; C12N5/00; C12Q1/02; G01N33/00	ORGAN-ON-A-CHIP-DEVICE
US2011207166 A1 20110825	VAISELBUH SARAH RIVKAH [US]	US20100927067 20101105; US20090280639P 20091106	C12Q1/18; A01K67/00; A61K35/12; C12N5/0775; C12N5/09	HUMAN BONE MARROW MICROENVIRONMENTS AND USES THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011177045 A1 20110721	VARNEY TIMOTHY R [US]; MILLS CHARLES RANDAL [US]; DANILKOVITCH ALLA [US]	US201113077004 20110331; US20100845191 20100728; US20080042487 20080305; US20070651878 20070110; US20060758387P 20060112	A61K35/28; A61K35/12; A61P35/02; C12N5/0775	USE OF MESENCHYMAL STEM CELLS FOR TREATING GENETIC DISEASE AND DISORDERS
US2011311492 A1 20111222	VERFAILLIE CATHERINE [BE]; BUCKLEY SHANNON MYCHEL [US]; KHURANA SATISH [IN]	US200913132283 20091201; US20080118819P 20081201; WO2009US66271 20091201	A61K35/12; A61K38/02; A61K38/18; A61P7/00; C12N5/0789	MAINTENANCE/EXPANSION OF HSC'S
BRPI0620636 A2 20111116	VESTA THERAPEUTICS INC [US]	US20050752597P 20051222; WO2006US48650 20061221	C12N5/074	MÉTODO PARA USAR PROGENITORES HEPÁTICOS PARA TRATAR DISFUNÇÃO HEPÁTICA
AU2011224117 A1 20111013	VET STEM INC	AU20110224117 20110916	C12N5/0775; A01N1/02	METHODS OF PREPARING AND USING STEM CELL COMPOSITIONS AND KITS COMPRISING THE SAME
JP2011250794 A 20111215	VIACYTE INC [US]	US20030532004P 20031223; US20040586566P 20040709; US20040587942P 20040714	C12N5/073; C12N5/0735	DEFINITIVE ENDODERM
EP2356227 A2 20110817	VIACYTE INC [US]	WO2009US64459 20091113; US20080114857P 20081114; US20080121086P 20081209	C12N11/00; A61K35/39; C12N5/071	ENCAPSULATION OF PANCREATIC CELLS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011229534 A 20111117	VIACYTE INC [US]	US20040566293P 20040427; US20040586566P 20040709; US20040587942P 20040714; US20040021618 20041223	C12N5/073; C07K14/71; C12N5/00; C12N5/071; C12N5/0735	PDX1 EXPRESSING ENDODERM
EP2356213 A1 20110817	VIACYTE INC [US]	WO2008US82356 20081104	C12N5/00; C12N5/02	STEM CELL AGGREGATE SUSPENSION COMPOSITIONS AND METHODS FOR DIFFERENTIATION THEREOF
US2011263015 A1 20111027	VIRXSYS CORP [MD]	US20080090348P 20080820; WO2009US54375 20090820; US200913059951 20090820	C12N5/071	COMPOSITIONS AND METHODS FOR GENERATION OF PLURIPOTENT STEM CELLS
JP2011224009 A 20111110	VIVALIS [FR]	EP20030291813 20030722; FR20030014389 20031209	C12N7/02; A61K39/275; A61P31/04; A61P35/00; C12N7/04	METHOD FOR PRODUCING POXVIRUS USING ADHERENT OR NON-ADHERENT AVIAN CELL LINE
NZ583913 A 20111028	VIVALIS [FR]	FR20050003583 20050411; US20050728807P 20051021; NZ20060562843 20060411	A61K39/12; A61P31/16; C12N5/0735; C12N7/00	PROCESS OF MANUFACTURING VIRAL VACCINES IN SUSPENSION AVIAN EMBRYONIC DERIVED STEM CELL LINES
WO2011095596 A1 20110811	VIVALIS [FR]; LEON ARNAUD [FR]; CHAMPION-ARNAUD PATRICK [FR]; BELTRAMINELLI NICOLA [FR]; BOULETREAU SYLVANA [FR]	EP20100152700 20100204	C12N5/0735; A61K39/145; C12N7/00	FED-BATCH PROCESS USING CONCENTRATED CELL CULTURE MEDIUM FOR THE EFFICIENT PRODUCTION OF BIOLOGICS IN EB66 CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011091420 A2 20110728	WARSAW ORTHOPEDIC INC [US]; MCKAY WILLIAM F [US]	US20100692940 20100125	A61L27/40; A61L27/12; A61L27/38; A61L27/42; A61L27/56; C12N5/0775	OSTEOGENIC CELL DELIVERY MATRIX
US2011256622 A1 20111020	WEST MICHAEL D [US]; CHAPMAN KAREN B [US]; KLIMANSKAYA IRINA V [US]	US201113172027 20110629; US20060478780 20060629; WO2005US00103 20050103; US20040534447P 20040102; US20040539796P 20040128	C12N5/073; C12N5/00; C12N5/02; C12N5/0735; C12N5/10; C12N15/00; C12N15/873	NOVEL CULTURE SYSTEMS FOR EX VIVO DEVELOPMENT
US2011244502 A1 20111006	WHITEHEAD BIOMEDICAL INST [US]	US20080672786 20080811; US20070964271P 20070810; WO2008US09639 20080811	C12N5/07; C12N5/071; C12N5/09; C12Q1/02	HORMONE RESPONSIVE TISSUE CULTURE SYSTEM AND USES THEREOF
US2011196343 A1 20110811	WHITEHEAD BIOMEDICAL INST [US]	US20100853677 20100810; US20060438847 20060523; US20050753212P 20051222; US20050684147P 20050524	A61M37/00; C12N5/0789	METHODS FOR EXPANSION AND ANALYSIS OF CULTURED HEMATOPOIETIC STEM CELLS
WO2011142832 A2 20111117	WHITEHEAD BIOMEDICAL INST [US]; MITALIPOVA MAISAM [US]; JAENISCH RUDOLF [US]	US20100334473P 20100513	C12N5/073	STEM CELLS DERIVED UNDER LOW OXYGEN CONDITIONS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2010235161 A1 20111020	WHITEHEAD BIOMEDICAL INST [US]; SANGAMO BIOSCIENCES INC	US20090269432P 20090624; US20090212265P 20090409; WO2010US01063 20100408	C12N15/00; C12N5/071	TARGETED INTEGRATION INTO STEM CELLS
US2011300628 A1 20111208	WILLE JR JOHN JACOB [US]	US201113150421 20110601; US20100351312P 20100604	C12N5/071	ENHANCEMENT OF EPIDERMAL CELL GROWTH BY NON-PROTEIN GROWTH FACTORS
JP2011206064 A 20111020	WISCONSIN ALUMNI RES FOUND [US]	US20040608040P 20040908	C12N5/0735	MEDIUM AND CULTURE OF EMBRYONIC STEM CELL
EP2356221 A1 20110817	WISCONSIN ALUMNI RES FOUND [US]	WO2009US61935 20091023; US20080108362P 20081024	C12N5/074	PLURIPOTENT STEM CELLS OBTAINED BY NON-VIRAL REPROGRAMMING
US2011256623 A1 20111020	WISCONSIN ALUMNI RES FOUND [US]	US20100822004 20100623; US20080047135 20080312; US20030430496 20030506; US20010982637 20011018; US20010761289 20010116; US19980106390 19980626; US19960591246 19960118; US19950376327 19950120	C12N5/071; C12N5/073; C12N5/0735	PRIMATE EMBRYONIC STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011269231 A1 20111103	WISCONSIN ALUMNI RES FOUND [US]	US201113092548 20110422; US20100326945P 20100422	C07K7/06; C07K1/14; C07K2/00; C07K7/08; C07K14/475; C07K14/51; C12N5/071; C12N5/0735	PROTEOGLYCAN-BINDING PEPTIDES THAT MODULATE STEM CELL BEHAVIOR
JP2011234735 A 20111124	WISCONSIN ALUMNI RES FOUND [US]	US20000522030 20000309	C12N5/0735; A61K9/22; A61K31/495; C12N5/00; C12N5/02	SERUM-FREE CULTIVATION OF PRIMATE EMBRYONIC STEM CELL
WO2011159572 A2 20111222	WISCONSIN ALUMNI RES FOUND [US]; SHUSTA ERIC V [US]; LIPPMANN ETHAN [US]; AZARIN SAMIRA [US]; PALECEK SEAN [US]	US20100355901P 20100617	C12N5/00	HUMAN BLOOD-BRAIN ENDOTHELIAL CELLS DERIVED FROM PLURIPOTENT STEM CELLS AND BLOOD-BRAIN BARRIER MODEL THEREOF
WO2011116117 A2 20110922	WISCONSIN ALUMNI RES FOUND [US]; VODYANYK MAKSYM A [US]; SLUKVIN IGOR I [US]	US20100726814 20100318	C12N5/0775; C12N5/071; C12N5/074; C12N5/0789	GENERATION OF CLONAL MESENCHYMAL PROGENITORS AND MESENCHYMAL STEM CELL LINES UNDER SERUM-FREE CONDITIONS
CN102228472 A 20111102	WUXI RENHUAN BIOLOG MEDICAL TECHNOLOGY CO LTD	CN20111153645 20110609	A61K35/28; A61P9/10; C12N5/0775	REAGENT FOR CAUSING TARGETING EFFECT OF MARROW MESENCHYMAL STEM CELLS ON MYOCARDIAL INFARCTION FOCUS, AND ITS PREPARATION METHOD
WO2011142667 A1 20111117	XPAND BIOTECHNOLOGY B V [NL]; DIJKHUIZEN BORGART ELISE LEONORE ISOLDE [NL]; BRACKE MADELON SOPHIA GEORGE MARIA [NL]; DE BRUIJN JOOST DICK [NL]	EP20100162688 20100512	C12N5/0775; C12M3/00	CELL - CULTURE - BAG

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011142670 A1 20111117	XPAND BIOTECHNOLOGY B V [NL]; DIJKHUIZEN BORGART ELISE LEONORE ISOLDE [NL]; BRACKE MADELON SOPHIA GEORGE MARIA [NL]; DE BRUIJN JOOST DICK [NL]	EP20100172939 20100816; EP20100162688 20100512	C12N5/0775; C12M3/00	CELL-CULTURE-BAG
WO2011137292 A2 20111103	XU HUAKUN [US]; WEIR MICHAEL [US]; UNIV MARYLAND [US]	US20100329814P 20100430	A61L27/12; A61F2/28; A61K9/50; A61K9/56; A61L27/38; A61L27/54; A61L27/56; C12N5/074	INJECTABLE, LOAD-BEARING CELL/MICROBEAD/CALCIUM PHOSPHATE BONE PASTE FOR BONE TISSUE ENGINEERING
CN102191229 A 20110921	YAYI HOU	CN20101125235 20100316	C12N9/00; C12N5/0775; C12N9/26; C12N9/48; C12N9/50	METHOD FOR RAPIDLY AND EFFECTIVELY ACQUIRING UMBILICAL CORD MESENCHYMAL STEM CELL (MSC)
US2011190152 A1 20110804	YEAP LENG-SIEW [GB]; HAYASHI KATSUHIKO [GB]; SURANI AZIM [GB]	GB20080010209 20080604; WO2009GB50628 20090604	C40B30/04; C07H21/00; C07H21/02; C12M3/00; C12N5/071; C12N5/0735; C12N5/10; C12N15/85; C40B30/00	PLURIPOTENCY ASSOCIATED EPIGENETIC FACTOR
US2011268712 A1 20111103	YEDA RES & DEV [IL]	US201113031466 20110221; IL20030158868 20031113; US20070578291 20070205; WO2004IL01018 20041108	A61K35/12; A61K35/28; A61P43/00; C07K14/715; C12N5/0789; C12N5/10; C12N15/85	STEM CELLS SUITABLE FOR TRANSPLANTATION, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM
CN102229910 A 20111102	YUEJIN YANG; HONG WANG	CN20111132905 20110523	C12N5/074	METHOD FOR SORTING HUMAN MARROW VERY SMALL EMBRYONIC-LIKE STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102010005415 A1 20110728	ZELLWERK GMBH [DE]	DE201010005415 20100122	C12M3/04; C12M1/40; C12N5/071	DYNAMIC BREEDING, PROLIFERATION AND/OR DIFFERENTIATION OF SUSPENDED PRIMARY OR STEM CELLS OF HUMAN AND ANIMAL ORIGINS, COMPRISES ADHERING CELLS ON CELL CARRIER IN ROTATING BED-BIOREACTOR AND BREADING BY ALTERNATING MOVEMENT OF CELL CARRIER
US2011229444 A1 20110922	ZENSUN SHANGHAI SCIENCE & TECHNOLOGY LTD [CN]	US200913131668 20091109; US20080118563P 20081128; WO2009CN01237 20091109	A61K35/34; A61K38/18; A61P9/00; C12N5/00	NEUREGULIN AND CARDIAC STEM CELLS
US2011275152 A1 20111110	ZHANG SU-CHUN [US]; LI XUE-JUN [US]	US201113068285 20110506; US20060594455 20061108; US20040928805 20040827; US20010970382 20011003; US20030498831P 20030829; US20030499570P 20030902	C12N5/0793; C12N5/08	METHOD OF IN VITRO DIFFERENTIATION OF NEURAL STEM CELLS, MOTOR NEURONS AND DOPAMINE NEURONS FROM PRIMATE EMBRYONIC STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011206781 A1 20110825	ZON LEONARD I [US]; NORTH TRISTA E [US]; GOESSLING WOLFRAM [US]	US20090994527 20090528; US20080056621P 20080528; US20090177720P 20090513; WO2009US45442 20090528	A61K33/00; A61K31/137; A61K31/138; A61K31/165; A61K31/197; A61K31/198; A61K31/216; A61K31/295; A61K31/353; A61K31/44; A61K31/4418; A61K31/4985; A61K31/517; A61K31/7048; A61P7/00; C12N5/0789	METHOD TO MODULATE HEMATOPOIETIC STEM CELL GROWTH
US2011274671 A1 20111110	ZUNIGA-PFLUCKER JUAN CARLOS [CA]; AWONG GENEVE [CA]; LA MOTTE-MOHS ROSS [CA]	US200913127490 20091106; US20080112503P 20081107; WO2009CA01601 20091106	A61K35/12; A61K48/00; A61P31/18; A61P35/00; A61P37/06; C12N5/0783	HUMAN PROGENITOR T-CELLS

ANEXO I - Códigos dos Principais Países

Código	País	Código	País
AR	Argentina	**IN**	Índia
AT	Áustria	**IS**	Islândia
AU	Austrália	**IT**	Itália
BE	Bélgica	**JP**	Japão
BG	Bulgária	**KR**	República Da Coréia
BR	Brasil	**LU**	Luxemburgo
BS	Bahamas	**LV**	Letônia
CA	Canadá	**MA**	Marrocos
CH	Suíça	**MD**	República Moldova
CN	China	**MX**	México
CZ	República Tcheca	**NL**	Holanda
DE	Alemanha	**NO**	Noruega
DK	Dinamarca	**NZ**	Nova Zelândia
DZ	Argélia	**OA**	African Intellectual Property Organization (OAPI)[1]
EA	Organização de Patentes da Eurásia (EAPO)[1]	**PH**	Filipinas
EE	Estônia	**PL**	Polônia
EG	Egito	**PT**	Portugal
EP	Organização Européia de Patentes (EPO)[1]	**RO**	Romênia
ES	Espanha	**RU**	Federação Russa
FI	Finlândia	**SE**	Suécia
FR	França	**SG**	Singapura
GB	Reino Unido	**SI**	Eslovênia
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	**SK**	Eslováquia
HR	Croácia	**TR**	Turquia
HU	Hungria	**TW**	Taiwan
ID	Indonésia	**UA**	Ucrânia
IE	Irlanda	**US**	Estados Unidos
IL	Israel	**WO**	Organização Mundial de Propriedade Intelectual (WIPO)[2]
		ZA	África do Sul

Fonte: http://www.wipo.int/export/sites/www/scit/en/standards/pdf/03-03-01.pdf, acesso em março de 08.

[1] Organização intergovernamental (escritório de patente regional) que atua para alguns países contratantes sob o PCT (Tratado de Cooperação de Patentes).

[2] O código "WO" é utilizado em relação à publicação internacional sob o Tratado de Cooperação em Matéria de Patentes – PCT de pedidos internacionais depositados em qualquer repartição receptora de pedidos PCT.