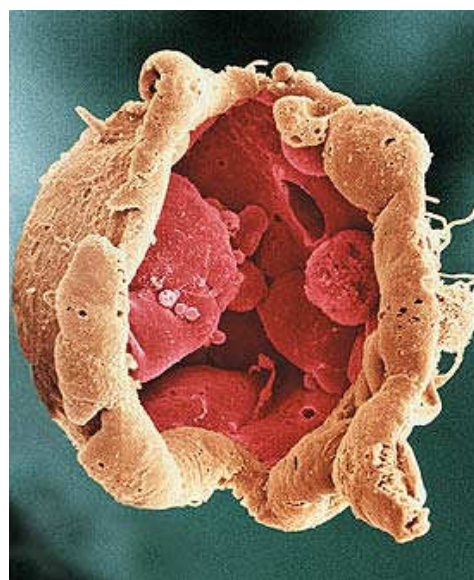


Pedidos de Patentes sobre Células-tronco - nº 7



Pedidos publicados no
1º semestre de 2011

Diretoria de Cooperação para o Desenvolvimento – DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
Coordenação de Estudos e Programas – CEPRO
Fevereiro de 2012

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* A partir deste Alerta Tecnológico, além do número sequencial de todos os alertas publicados (nº62), constará, também, o número relativo ao assunto específico de cada alerta, após seu título. Neste caso: “Pedidos de Patente sobre Células Tronco – nº 7”.

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 divulgação¹ (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 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 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.

1. Base Brasileira de Pedidos de Patente²: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes³: <http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes⁴: <http://uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) (família do pedido de patente⁵) aos pedidos de patente estrangeiros listados no Anexo I, 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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Instituto Nacional da Propriedade Industrial – INPI

Diretoria de Cooperação para o Desenvolvimento – DICOD

Centro de Disseminação da Informação Tecnológica – CEDIN

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e-mail: cedin@inpi.gov.br

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 Contém pedidos de patente depositados e publicados em mais de 70 países.

⁴ Contém 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 Estados⁶. 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/ipc/>) e no *site* do INPI (<http://pesquisa.inpi.gov.br/ipc/index.php>).

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

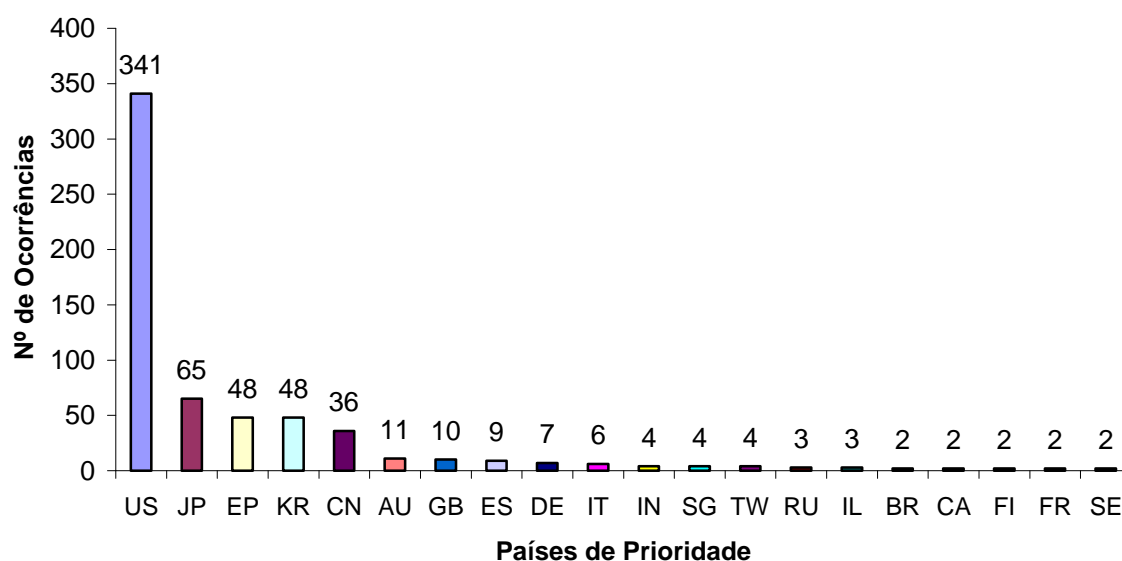
⁶ Fonte: http://www.wipo.int/treaties/en/ShowResults.jsp?lang=en&search_what=B&bo_id=19. Acesso em 25/08/2011.

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 **568** documentos de patente que abordam tecnologias relacionadas a células-tronco. De acordo com o gráfico 1, podem-se visualizar os códigos dos países⁷ 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.

Gráfico 1: Prioridade dos Pedidos de Patente recuperados



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/02/2012.

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

De acordo com o gráfico 1, os escritórios de patente onde foram realizados o primeiro depósito⁸ de patente referente à tecnologia (com duas ou mais ocorrências), são os seguintes: Estados Unidos da América (US), com 341 ocorrências; Japão (JP), com 65; Escritório Europeu de Patentes (EP) e Coreia (KR), ambos com 48; China (CN), com 36; Austrália (AU), com 11; Inglaterra (GB), com 10; Espanha (ES), com 9; Alemanha (DE), com 7; Itália (IT), com 6; Índia (IN), Singapura (SG) e Taiwan (TW), empatados com 4; Federação Russa (RU) e Israel (IL), com 3; e Brasil (BR), Canadá (CA), Finlândia (FI), França (FR) e Suécia (SE), cada um com 2 ocorrências. É importante destacar a liderança absoluta dos Estados Unidos e a expressão, também significativa e homogênea, de países como Japão, Coreia, e China.

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.

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.

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

Depositante	Total de Documentos
UNIV KYOTO [JP]	18
AGENCY SCIENCE TECH & RES [SG]	14
ANTHROGENESIS CORP [US]	9
WISCONSIN ALUMNI RES FOUND [US]	9
CENTOCOR ORTHO BIOTECH INC [US]	8
GERON CORP [US]	7
UNIV OSAKA [JP]	7
OSIRIS THERAPEUTICS INC [US]	6
UNIV CALIFORNIA [US]	6
UNIV KEIO [JP]	6
ADVANCED CELL TECH INC [US]	6
SCRIPPS RESEARCH INST [US]	5
UNIV LELAND STANFORD JUNIOR [US]	5
ABT HOLDING COMPANY [US]	5
GEN HOSPITAL CORP [US]	5
UNIV SOUTHERN CALIFORNIA [US]	5
SNU R&DB FOUNDATION [KR]	5

Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/02/2012.

Depreende-se, da tabela 1, que os **10 depositantes** com mais pedidos de patente sobre células-tronco publicados no período analisado (University of Kyoto, Agency for Science, Technology and Research, Anthrogenesis Corporation, Wisconsin Alumni Research Foundation (WARF), Centocor Ortho Biotech, Geron Corporation, Osaka University, Osiris Therapeutics, University of Califórnia e Keio University) **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.

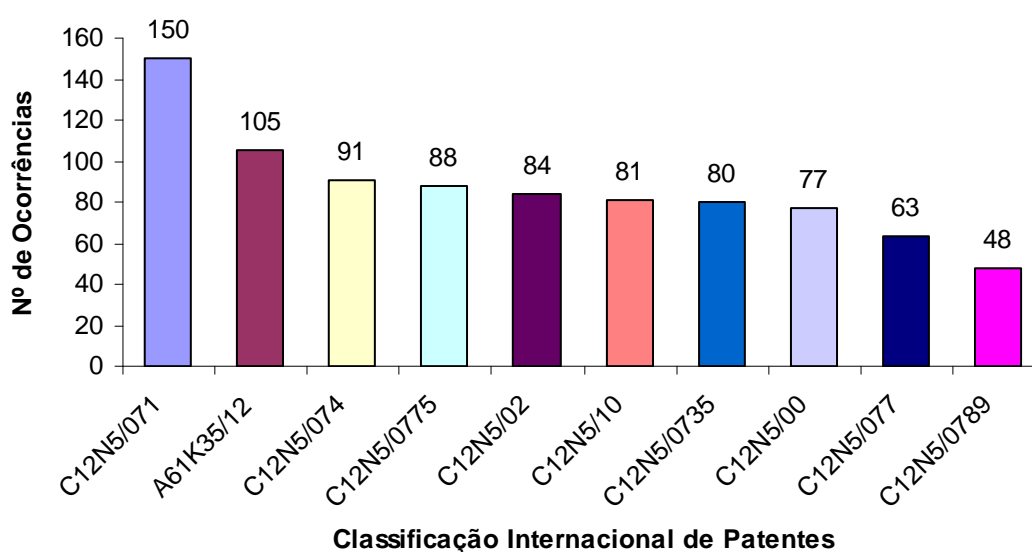
Seis dos dez depositantes com maior número de pedidos de patente no período em questão têm residência nos Estados Unidos; outros 3 são japoneses e 1 é residente em Singapura. Este cenário é, portanto, condizente com a primeira inferência feita a partir do gráfico anterior. Ou seja, de que as tecnologias 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 568 documentos recuperados, 12 deles foram depositados no Brasil, dos quais 2 pertencem a brasileiros. Entre estes dois pedidos, o primeiro deles, BRPI0904515, foi depositado por duas universidades federais (Universidade Federal do Rio Grande do Sul - UFRGS e Universidade Federal do Rio Grande – FURG) e está relacionado a matrizes biodegradáveis compostas de micro e/ou nanofibras para desenvolvimento de suporte para células-tronco. O outro pedido (BRPI0903975), depositado em nome de uma brasileira (Sharon Lisauskas Ferraz de Campos), e se refere a processos de modificação de células-tronco embrionárias bovinas e de purificação de proteínas geradas a partir das referidas células. Os outros dez pedidos de patente sobre células-tronco foram depositados no Brasil por pessoas jurídicas ou físicas domiciliadas na Itália, na Dinamarca, na Alemanha, nos Estados Unidos, na Índia, no Japão, na Espanha e em Bahamas, 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 1º semestre de 2011



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/02/2012.

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 seis correspondem às novas CIPs criadas para agrupar documentos sobre o assunto. É possível observar que **150** documentos de patente, que contém a classificação C12N 5/071⁹ (“Células ou tecidos de vertebrados, por ex., células ou tecidos humanos”), descrevem matéria relacionada a **células ou tecidos humanos**; outros **105**, classificados como A61K 35/12 (“Materiais derivados de mamíferos ou pássaros”), estão, em sua maioria, relacionados a **células-tronco provenientes de mamíferos**. Destaca-se, também, a presença de **91 documentos** de patente com classificação C12N 5/074¹⁰, que correspondem a **células-tronco adultas**; **88** documentos classificados como C12N 5/0775¹¹, que tratam especificamente de **células-tronco mesenquimais ou de células-tronco derivadas do tecido adiposo**; **84** referentes a **propagação e manutenção de células-tronco e seus meios de cultura** (C12N 5/02); **81** descrevem a **modificação genética de células-tronco** (C12N 5/10); **80** relacionados a **células-tronco embrionárias** (C12N 5/0735¹²); **77** relatam **células não diferenciadas ou tecidos de seres humanos, animais ou plantas, suas culturas e meios de cultura e manutenção** (C12N 5/00); **63** documentos, classificados em C12N 5/077¹³, retratam **células mesenquimais** (células ósseas, cartilaginosas, do estroma de medula óssea, adipócitos ou miócitos); e, por fim, **48** pedidos de patente tem classificação C12N 5/0789¹⁴, classificação esta específica para **células tronco e células progenitoras multipotentes**.

⁹ Subgrupo novo, inserido na Classificação Internacional de Patentes a partir de janeiro de 2010.

¹⁰ Idem.

¹¹ Idem.

¹² Idem.

¹³ Idem.

¹⁴ Idem.

Tabela 2: Dados bibliográficos dos pedidos de patente publicados no 1º semestre de 2011
(Por ordem alfabética do nome do depositante)

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR101022349B B1 20110322		KR20047006637 20021030	C12N5/10; C12N5/07	Method of inducing differentiation of mesodermal stem cells, ES cells or immortalized cells into nervous system cells
KR20110045760 A 20110504		KR20090102458 20091027	C12N5/071; A61K35/48; C12N5/02	Method for producing mesenchymal stem cells from human pluripotent stem cells and mesenchymal stem cells produced by thereof
KR20110046298 A 20110504		KR20100102987 20101021	C12M1/10; C12M1/12; C12N5/0775; C12Q1/24	
KR20110048461 A 20110511		KR20100105000 20101027	C12N5/02; B82B3/00; C12N5/07; C12N15/87	
AU2011202123 A1 20110526	ABT HOLDING COMPANY [US]	AU20080203103 20080714; AU20110202123 20110509; AU20000076115 20000925	C12N5/07; A61K35/12; A61K48/00; G01N33/50	Pluripotent embryonic-like stem cells, compositions, methods and uses thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011103885 A 20110602	ABT HOLDING COMPANY [US]	US19990404895 19990924; US20000668508 20000922	C12N5/071; C12N5/10; A61K35/12; A61K38/27; A61K45/00; A61K48/00; A61L27/00; A61P43/00; C12N5/00; C12N5/06; C12N5/08; C12Q1/02; C12Q1/68; G01N33/15; G01N33/50	PLURIPOTENT EMBRYONIC-LIKE STEM CELL, AND COMPOSITION, METHOD, AND USE THEREOF
US2011020293 A1 20110127	ABT HOLDING COMPANY [US]	US20100840722 20100721; US20090227309P 20090721	A61K35/12; A61P29/00; C12N5/02; C12Q1/04; C40B50/06	Use of Stem Cells to Reduce Leukocyte Extravasation
US2011064701 A1 20110317	ABT HOLDING COMPANY [US]	US20100799384 20100423; US20050029763 20050105; US20010820320 20010328; US20000668508 20000922; US19990404895 19990924	A61K35/12; A61P43/00; C12N5/0735; C12N5/074; C12N5/0775; C12N5/10; C12N15/85; C12Q1/68; G01N33/566	Pluripotent embryonic-like stem cells, compositions, methods and uses thereof
WO2011011477 A1 20110127	ABT HOLDING COMPANY [US]; VAN T HOF WOUTER [US]	US20090227311P 20090721	C12N5/071	USE OF STEM CELLS TO REDUCE LEUKOCYTE EXTRAVASATION
EP2302034 A2 20110330	ADVANCED CELL TECH INC [US]	EP20060789485 20060803; US20050705625P 20050803; US20050729173P 20051020; US20060818813P 20060705	C12N5/071	Improved methods of reprogramming animal somatic cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
IL176641 A 20110228	ADVANCED CELL TECH INC [US]	US20040534447P 20040102; US20040539796P 20040128; WO2005US00103 20050103	C12N5/00; C12N5/02; C12N5/0735; C12N5/10; C12N15/00; C12N15/873	METHOD OF CULTURING MAMMALIAN PLURIPOTENT STEM CELLS
KR20110006705 A 20110120	ADVANCED CELL TECH INC [US]	US20080126803P 20080506; US20080189491P 20080819; US20080190282P 20080826	C12N5/078; C07K14/475; C12N5/0735; C12N5/074; C12N5/0775; C12N5/0789	METHODS FOR PRODUCING ENUCLEATED ERYTHROID CELLS DERIVED FROM PLURIPOTENT STEM CELLS
US2011117062 A1 20110519	ADVANCED CELL TECH INC [US]	US20100857866 20100817; US20060490953 20060721; WO2005US02273 20050124; US20040538964P 20040123	A61K35/12; A01N63/00; A61K35/44; A61K48/00; A61P27/00; C12N5/071; C12N5/0793	Methods For Producing Enriched Populations of Human Retinal Pigment Epithelium Cells
US2011117063 A1 20110519	ADVANCED CELL TECH INC [US]	US20100857911 20100817; US20050041382 20050124; US20040538964P 20040123	A61K35/12; A01N63/00; A01N65/00; A61K35/44; A61K48/00; A61P27/02; C12N5/071; C12N5/0793	Methods For Producing Enriched Populations of Human Retinal Pigment Epithelium Cells For Treatment of Retinal Degeneration
WO2011063005 A2 20110526	ADVANCED CELL TECH INC [US]; MALCUIT CHRISTOPHER [US]; LEMIEUX LINDA [US]; HOLMES WILLIAM [US]; HUERTAS PEDRO [US]; VILNER LUCY [US]	US20090262002P 20091117	C12N5/071; A61K35/44; A61P27/02; C12N5/02; C12N5/0735	METHODS OF PRODUCING HUMAN RPE CELLS AND PHARMACEUTICAL PREPARATIONS OF HUMAN RPE CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011117169 A1 20110519	AFFINERGY INC [US]	US20100949767 20101118; US20090262353P 20091118; US20100368849P 20100729; US20100370723P 20100804	A61K9/00; A61K35/12; A61P17/02; C12M1/00; C12N5/071; C12N5/073; C12N5/078	METHODS AND COMPOSITIONS FOR CAPTURE OF CELLS
EP2271747 A2 20110112	AGENCY SCIENCE TECH & RES [SG]	US20080069694P 20080317; WO2009SG00088 20090317; US20090148064P 20090129; US20080110256P 20081031; US20090155940P 20090227	C12N5/00; C12N5/0735; C12N5/0789	MICROCARRIERS FOR STEM CELL CULTURE
EP2331675 A1 20110615	AGENCY SCIENCE TECH & RES [SG]	WO2009SG00346 20090917; SG20080006945 20080918; US20090178204P 20090514; US20090225675P 20090715	C12N5/00; A61K35/12; G01N33/53	MARKERS OF INDUCED PLURIPOTENT STEM CELLS
SG170065 A1 20110429	AGENCY SCIENCE TECH & RES [SG]	US20060778913P 20060306	C12N5/0735	HUMAN EMBRYONIC STEM CELL METHODS AND PODXL EXPRESSION
US2011003008 A1 20110106	AGENCY SCIENCE TECH & RES [SG]	US20090918122 20090221; US20080066671P 20080222; WO2009SG00062 20090221	A61K35/12; A61P9/10; A61P17/00; A61P25/28; A61P35/00; C12N1/00; C12N5/0775	MESENCHYMAL STEM CELL PARTICLES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011008298 A1 20110113	AGENCY SCIENCE TECH & RES [SG]	US20100888724 20100923; US20080065549 20080303; WO2006SG00233 20060815; US20050713992P 20050902	A61K35/12; A61P3/10; A61P25/16; A61P25/28; A61P35/00; C12N5/00; C12N5/0775; C12Q1/02	METHOD OF DERIVING PROGENITOR CELL LINE
US2011111498 A1 20110512	AGENCY SCIENCE TECH & RES [SG]	US20100949172 20101118; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20100917210 20101101; US20100917268 20101101; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/0789; C12N5/0735	Microcarriers for Stem Cell Culture

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011129919 A1 20110602	AGENCY SCIENCE TECH & RES [SG]	US20100917210 20101101; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/071; C12N5/079; C12N5/0793	Microcarriers for Stem Cell Culture
US2011143433 A1 20110616	AGENCY SCIENCE TECH & RES [SG]	US20100917268 20101101; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/0775	Microcarriers for Stem Cell Culture

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011078799 A1 20110630	AGENCY SCIENCE TECH & RES [SG]; COOL SIMON [SG]; NURCOMBE VICTOR [SG]	US20090288927P 20091222	C12N5/0775; A61F2/28; A61K31/727; A61K35/28; A61L27/56; A61P19/00	TREATMENT OF BONE FRACTURE
WO2011062561 A1 20110526	AGENCY SCIENCE TECH & RES [SG]; COOL SIMON [SG]; NURCOMBE VICTOR [SG]; SADASIVAM MURALI [SG]	US20090263283P 20091120	C08B37/10; A61K31/727; A61L27/20; A61P19/08; C07K14/51; C12N5/077	THE ISOLATION AND CHARACTERISATION OF HEPARAN SULPHATES AND THEIR USE IN PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT AND STEM CELL CULTURE MEDIA SUITABLE FOR CONDITIONS ASSOCIATED WITH BONE REPAIR.
WO2011040887 A1 20110407	AGENCY SCIENCE TECH & RES [SG]; HENG DOMINIC JIAN-CHIEN [SG]; NG HUCK HUI [SG]	SG20090006546 20090930; SG20100000140 20100109	C12N5/10; A61K48/00; C07K14/72; C12N5/074	A NUCLEAR RECEPTOR AND MUTANT THEREOF AND THE USE OF THE SAME IN THE REPROGRAMMING OF CELLS
WO2011062559 A1 20110526	AGENCY SCIENCE TECH & RES [SG]; LIM BING [SG]; HAN JIANYONG [SG]; TAM WAI-LEONG [SG]	SG20100000825 20100206; US20090262741P 20091119	C12N5/0789; C12N5/071; C12N5/10	METHODS OF ENHANCING PLURIPOTENCY
WO2011053257 A2 20110505	AGENCY SCIENCE TECH & RES [SG]; LIM SAI KIANG [SG]	US20090257121P 20091102	C12Q1/68	METHODS OF MONITORING CELLULAR STATES

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WO2011010966 A1 20110127	AGENCY SCIENCE TECH & RES [SG]; WOMENS & CHILDRENS HOSPITAL [SG]; LIM SAI KIANG [SG]; TAN KOK HIAN [SG]	US20090227865P 20090723	C12N5/073; A61K35/12; C12N5/0775	PRE-NATAL MESENCHYMAL STEM CELLS
US2011027238 A1 20110203	AGGARWAL SUDEEPTA [US]; PITTENGER MARK F [US]; VARNEY TIMOTHY [US]	US20100908119 20101020; US20060541853 20061002; US20050080298 20050315; US20040555118P 20040322	A61K35/12; A61K35/14; A61P29/00; A61P35/00; C12N5/00; C12N5/0775; H04Q7/20	Mesenchymal Stem Cells and Uses Therefor
US2011010783 A1 20110113	AGRONOMIQUE INST NAT RECH [FR]	EP20070123399 20071217; WO2008EP67353 20081211	A01K67/00; C12N5/071; C12N5/0735; C12N5/074; C12N15/00	METHOD FOR REPROGRAMMING IN VITRO STEM CELLS AND SOMATIC CELLS INTO GERMINAL CELLS
ES2360595T T3 20110607	AGRONOMIQUE INST NAT RECH [FR]; CENTRE NAT RECH SCIENT [FR]; ECOLE NORM SUPERIEURE LYON	FR19940012598 19941021	C12N5/0735; A01K67/027; C12N5/00; C12N5/02; C12N5/073	MEDIO DE CULTIVO DE CELULAS EMBRIONARIAS TOTIPOTENTES AVIARES.
EP2292739 A1 20110309	AGRONOMIQUE INST NAT RECH [FR]; CENTRE NAT RECH SCIENT [FR]; ENS ECOLE NORMALE SUPERIEURE DE LYON [FR]	EP20070727050 20070319; FR20060002597 20060324	C12N5/10; C07K14/465; C12N5/0735; C12N15/113	Method for preparing differentiated avian cells and genes involved in the maintenance of pluripotency
KR20110060000 A 20110608	AJOU UNIV IND ACAD COOP FOUND [KR]	KR20090116465 20091130	C12M3/00; C12N5/07; C12N11/02	A METHOD FOR CULTURING STEM CELL USING CARBON NANO TUBE AND THE CULTURING MEDIA

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2279245 A2 20110202	ALPHAGENE BIOSCIENCE INC [US]	WO2009US41549 20090423; US20080047296P 20080423	G01N33/50; C12N5/00	DRUG DISCOVERY METHODS INVOLVING A PRECLINICAL, IN VITRO ISOLATED GASTROINTESTINAL EPITHELIAL STEM CELL-LIKE PROGENITOR CELL SYSTEM
US2011008299 A1 20110113	AMS RES CORP [US]	US20090920570 20090326; US20080039652P 20080326; WO2009US38426 20090326	A61K35/12; A61P13/10; A61P15/00; C12N5/077	TREATMENT OF PELVIC FLOOR DISORDERS WITH AN ADIPOSE-DERIVED CELL COMPOSITION
US2011105393 A1 20110505	ANDROUTSELLIS- THEOTOKIS ANDREAS [GR]; MCKAY RONALD D G [US]	US20080673576 20080814; US20070965094P 20070816; WO2008US73204 20080814	A61K38/28; A61K38/18; A61P25/00; A61P25/16; A61P25/28; C12N5/071; C12N5/0797	METHODS FOR PROMOTING STEM CELL PROLIFERATION AND SURVIVAL
CN101955910 A 20110126	ANHUI UNIVERSITY OF AGRICULTURE	CN20101138753 20100331	C12N5/073; C12N7/01; C12N15/62; C12N15/867	Method for inducing porcine induced pluripotent stem cells
AU2011202711 A1 20110630	ANTHROGENESIS CORP [US]	AU20110202711 20110607	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; C12N5/02; C12N5/073; C12N5/074	Embryonic-like stem cells derived from post-partum mammalian placenta, and uses and methods of treatment using said cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2292091 A1 20110309	ANTHROGENESIS CORP [US]	EP20100155478 20030213; EP20030739817 20030213; US20020076180 20020213; US20020437292P 20021231	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; C12N5/02; C12N5/073; C12N5/074	Embryonic-like stem cells derived from post-partum mammalian placenta and uses and methods of treatment using said cells
EP2305795 A1 20110406	ANTHROGENESIS CORP [US]	EP20010999637 20011205; US20000251900P 20001206	C12N5/077; 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	Method of collecting placental stem cells
EP2314673 A1 20110427	ANTHROGENESIS CORP [US]	EP20020720974 20020213; US20010268560P 20010214; US20010004942 20011205	C12N5/0735; 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; C12M1/0	Post-partum mammalian placenta, its use and placental stem cells therefrom

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2316463 A1 20110504	ANTHROGENESIS CORP [US]	EP20020709498 20020213; US20010268560P 20010214	A61K35/50; A61M1/02; C12N5/00; C12N5/073; C12N5/0735	Renovation and repopulation of decellularized tissues and cadaveric organs by stem cells
KR20110036114 A 20110406	ANTHROGENESIS CORP [US]	US20020076180 20020213; US20020437292P 20021231	A61K35/12; A61P9/10; A61P25/00; C12N5/071	EMBRYONIC-LIKE STEM CELLS DERIVED FROM POST-PARTUM MAMMALIAN PLACENTA AND USES AND METHODS OF TREATMENT USING SAID CELLS
MX2011001991 A 20110329	ANTHROGENESIS CORP [US]	US20080090565P 20080820; WO2009US04741 20090820	C12N5/073; A61K35/50; A61P25/00	TREATMENT OF STROKE USING ISOLATED PLACENTAL CELLS.
PE00202011 A1 20110131	ANTHROGENESIS CORP [US]	US20050727004P 20051013; US20060835628P 20060804	C12N5/00; C12N5/073	INMUNOMODULACION MEDIANTE EL USO DE CELULAS MADRES DE LA PLACENTA
PE03582011 A1 20110613	ANTHROGENESIS CORP [US]	US20080090897P 20080822; US20080090898P 20080822	A61K35/50; A61P35/00; C12N5/071	METODOS Y COMPOSICIONES PARA EL TRATAMIENTO DE DEFECTOS OSEOS CON POBLACIONES DE CELULAS PLACENTARIAS
EP2287290 A2 20110223	ANTICANCER INC [US]	EP20020773519 20020920; US20010323963P 20010920	C12N5/071; C12N15/09; A61K35/12; A61L27/00; A61P17/00; A61P17/14; A61P25/00; A61P25/16; A61P25/28; C12N5/02; C12N5/074; C12N5/077; C12N5/079; C12N5/0793; C12N5/10	Nestin-expressing hair follicle stem cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011076414 A1 20110630	APCETH GMBH & CO KG [DE]; ASEEVA ELENA [DE]; GUENTHER CHRISTINE [DE]	US20090289796P 20091223	C12N5/0775	EXPANSION MEDIUM FOR CD34-NEGATIVE STEM CELLS
KR20110016974 A 20110218	APRO TECHNOLOGY CO LTD [KR]; DO BYUNG ROK [KR]; HURIMBIOCELL CO LTD [KR]	KR20060053247 20060614	A61K47/00; A61K35/12; C12N5/02; C12N5/071; C12N5/077	A COMPOSITION FOR TRANSPLANT COMPRISING ADIPOSE STEM CELLS OR ADIPOCYTES
WO2011014741 A1 20110203	ARTEMIS HEALTH INC [US]; DENG DAVID [US]	US20090230638P 20090731	C12N5/00; C12N5/02	METHODS AND COMPOSITIONS FOR CELL STABILIZATION
EP2268795 A1 20110105	ASSIST PUBL HOPITAUX DE PARIS [FR]; INST NAT SANTE RECH MED [FR]; UNIV PARIS DESCARTES [FR]; UNIV PARIS DIDEROT PARIS 7 [FR]; UNIV MONTPELLIER 2 SCIENCES ET TECH [FR]	WO2009EP52797 20090310; US20080035146P 20080310; EP20080300138 20080310; EP20090719996 20090310	C12N5/071; C12N5/077	METHOD FOR GENERATING PRIMATE CARDIOVASCULAR PROGENITOR CELLS FOR CLINICAL USE FROM PRIMATE EMBRYONIC STEM CELLS OR EMBRYONIC-LIKE STATE CELLS, AND THEIR APPLICATIONS
EP2270196 A2 20110105	AXIOGENESIS AG [DE]	EP20050740642 20050511; EP20040011214 20040511; EP20100010425 20050511	C12Q1/02; C12N5/07; C12N5/077; G01N33/50	Assay for drug discovery based on in vitro differentiated cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011059456 A1 20110310	AXIOGENESIS AG [DE]	US20100876772 20100907; DE20001065352 20001227; DE20011036702 20010727; US20030451816 20031215; WO2001EP15337 20011227	C12Q1/68; A01K67/027; A61L27/00; C12N5/0735; C12N5/077; C12N5/10; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	System for the Cell-Specific and Development-Specific Selection of Differentiating Embryonic Stem Cells, Adult Stem Cells and Embryonic Germline Cells
IL156410 A 20110630	AXIOGENESIS AG [DE]; FLEISCHMANN BREND; BOHLEN HERIBERT; HESCHELER JURGEN; KOLOSsov EUGEN	DE20001065352 20001227; DE20011036702 20010727; WO2001EP15337 20011227	A01K67/027; A61L27/00; C12N5/0735; C12N5/077; C12N5/10; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	METHOD FOR SPECIFIC SELECTION OF DIFFERENTIATED HEART CELLS OR OF STEM CELLS DIFFERENTIATING INTO HEART CELLS
BRPI0710791 A2 20110621	AZIENDA OSPEDALIERO UNIVERSITARIA CAREGGI [IT]	IT2006FI00099 20060428; WO2007EP54132 20070427	A61K35/23; A61P13/12; C12N5/071; C12N5/074	POPULAÇÃO DE CÉLULA TRONCO RENAL, IDENTIFICAÇÃO E USO TERAPÊUTICO
US2011020299 A1 20110127	BADER AUGUSTINUS [DE]	EP20080006238 20080331; WO2009EP02135 20090324	A61K35/32; A61P17/02; C12N5/0789	METHOD AND COMPOSITION FOR THE REGENERATION OF TISSUE WITH THE AID OF STEM CELLS OR BONE MARROW CELLS
KR20110009505 A 20110128	BAE YONG SUK [KR]	KR20090066936 20090722	C12N5/071; A61F2/02; C12N5/07	METHOD FOR PRODUCTION OF ARTIFICIAL PANCREAS

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MX2011003899 A 20110504	BANC DE SANG I TEIXITS [ES]	ES20090000005 20090102; WO2009ES00547 20091125	C12N5/0775	METHOD FOR OBTAINING CONNECTIVE STEM CELLS FROM THE MONONUCLEAR FRACTION OF HUMAN BONE MARROW.
US2011104802 A1 20110505	BANC DE SANG I TEIXITS [ES]	ES20090030939 20091102	C12N5/0789	PROCEDURE FOR THE UNDIFFERENTIATED OR MYELOID LINEAGE BIASED EXPANSION OF HAEMATOPOIETIC STEM CELLS FROM UMBILICAL CORD BLOOD, MOBILIZED PERIPHERAL BLOOD OR BONE MARROW
US2011020291 A1 20110127	BANERJEE DEBRABRATA [US]; MISHRA PRASUN J [US]; MISHRA PRAVIN J [US]; BERTINO JOSEPH R [US]; HUMENIUK RITA [US]; GLOD JOHN [US]	US20080743309 20081115; US20070003343P 20071117; WO2008US83711 20081115	A61K35/12; A61P17/02; C12N5/077; C12N5/0775	USE OF STEM CELLS FOR WOUND HEALING
US2011123502 A1 20110526	BARRY SIMON C [AU]; D ANDREA RICHARD JAMES [AU]; HUTTON JONATHON F [AU]	US20070528292 20070830; US20070902355P 20070221; WO2007AU01262 20070830	A61K35/12; A61P3/10; A61P7/00; A61P7/06; A61P37/02; A61P37/06; C12N5/0783; G01N33/50	METHOD FOR OBTAINING TREG-CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2290052 A1 20110302	BECTON DICKINSON CO [US]	EP20070108260 20070515; US20060747349P 20060516; US20060817942P 20060630; US20060817736P 20060630; US20070883083P 20070102; US20070886984P 20070129; US20070747523 20070511	C12N5/0735; C12M1/00	Extracellular matrix coated surface for culturing cells
US2011044895 A1 20110224	BERRY DAVID A [US]; DEVROE ERIC J [US]; AFEYAN NOUBAR B [US]; CHEVALIER BRETT [US]; REDDY SASHANK K [US]	US20100852973 20100809; US20080171923 20080711; US20070949409P 20070712	A61K51/00; A61K31/7088; A61K31/7105; A61K39/395; A61K49/00; A61P35/00; C12N5/09; C12N5/095	METHODS AND COMPOSITIONS FOR REDUCING STEMNESS IN ONCOGENESIS
US2011111030 A1 20110512	BHASIN VISHAL [AU]	AU20080900534 20080205; WO2009AU00138 20090205	A61K35/12; A01N1/00; A61K9/14; A61P3/10; A61P17/02; A61P19/02; A61P43/00; C12N5/071; C12N5/074; C12N5/077; C12N5/078	Method of Producing Progenitor Cells from Differentiated Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011030557 A 20110217	BIO VERDE KK; TAIYO NIPPON SAN SO CORP	JP20090194792 20090804	C12N5/0775; A61K35/64; A61K47/32; A61L27/00; A61P43/00	CELL FREEZE DAMAGE PREVENTING LIQUID FOR MEDICAL USE
KR20110042107 A 20110422	BIOACTIVE SURGICAL INC [US]	US20080086912P 20080807; US20090153076P 20090217	A61F2/02; A61L27/28; A61L27/38; C12N5/071	STEM CELL CAPTURE AND IMMOBILIZATION COATINGS FOR MEDICAL DEVICES AND IMPLANTS
US2011065192 A1 20110317	BION CO LTD H [KR]	US20090591505 20091120; WO2003KR02899 20031230; US20070584255 20070628; WO2004KR03528 20041230	C12N5/0735; C12N15/63; C12N5/00; C12N5/02; C12N5/075; C12N5/10; C12N5/28	Embryonic stem cell line and method for preparing the same
EP2280064 A2 20110202	BIOSPECTRUM INC [KR]	WO2009KR01415 20090319; KR20080030237 20080401	C12N5/07	COMPOSITION COMPRISING VEGETABLE PEPTONE FOR PROMOTING STEM CELL PROLIFERATION
WO2011009106 A2 20110120	BIOTIME INC [US]; WEST MICHAEL D [US]; STERNBERG HAL [US]; CHAPMAN KAREN B [US]	US20090226237P 20090716; US20090243939P 20090918; US20100349088P 20100527; US20100365308P 20100716	A61K35/32; A61K47/30; C12N5/0735; C12N5/077	METHODS AND COMPOSITIONS FOR IN VITRO AND IN VIVO CHONDROGENESIS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011086379 A1 20110414	BLAK ALEXANDRA A [CA]; LOUIS SHARON A [CA]	US20100903521 20101013; US20090251130P 20091013; US20100354947P 20100615	C12Q1/02; C12N5/071; C12N5/0735; C12N5/0797	Method of Differentiating Stem Cells
CN101945993 A 20110112	BONE THERAPEUTICS S A [BE]	WO2009EP50209 20090109; EP20080000458 20080111	C12N5/077	Osteogenic differentiation of bone marrow stem cells and mesenchymal stem cells using a combination of growth factors
KR20110013450 A 20110209	BONE THERAPEUTICS S A [BE]	EP20080155764 20080507	C12N5/0775; C12N5/02; C12N5/077	MESENCHYMAL STEM CELLS AND BONE-FORMING CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011112180 A1 20110512	BOSTON BIOMEDICAL INC [US]	US20080677511 20080910; US20070971144P 20070910; US20070013372P 20071213; WO2008US75848 20080910	A61K31/343; A61K31/381; A61P35/00; A61P35/02; A61P35/04; C07D307/92; C07D333/74; C12N5/095	NOVEL STAT3 PATHWAY INHIBITORS AND CANCER STEM CELL INHIBITORS
WO2011069091 A1 20110609	BOSTON BIOMEDICAL RES INST INC [US]; SHERLEY JAMES L [US]	US20090266602P 20091204	C12N5/074	METHOD FOR CLONING PLURIPOTENT STEM CELLS
US2011070205 A1 20110324	BRIGHAM & WOMENS HOSPITAL [US]	US20100890195 20100924; US20100598047 20100728; WO2008US05742 20080505; US20090247242P 20090930; US20090249172P 20091006; US20070927596P 20070503	A61K35/12; A61P3/10; A61P9/00; A61P9/04; A61P9/10; A61P25/00; A61P25/16; A61P43/00; C12N5/074; C12N5/077	MULTIPOTENT STEM CELLS AND USES THEREOF
WO2011029053 A1 20110310	BUCK INST FOR AGE RES [US]; ZENG XIANMIN [US]	US20090240097P 20090904	C12N5/0735	HUMAN EMBRYONIC STEM CELLS FOR HIGH THROUGHOUT DRUG SCREENING

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US2011117575 A1 20110519	BUEHRING HANS-JOERG [DE]; TREML SABRINA [DE]; LAMMERS REINER [DE]	DE200810032236 20080630; WO2009EP04614 20090626	G01N33/566; C12N5/074; C12N5/077	ISOLATION AND/OR IDENTIFICATION OF STEM CELLS HAVING ADIPOCYTIC, CHONDROCYTIC AND PANCREATIC DIFFERENTIATION POTENTIAL
US2011002897 A1 20110106	BURNHAM INST MEDICAL RESEARCH [US]	US20100813174 20100610; US20090186348P 20090611	A61K35/30; A61P25/00; C12N5/00; C12N5/079; C12Q1/02	DIRECTED DIFFERENTIATION OF STEM CELLS
WO2011008986 A2 20110120	CALIFORNIA INST OF TECHN [US]; GHARIB MORTEZA [US]; RINDERKNECHT DEREK [US]; FOROUHAR ARIAN [US]; VERMOT JULIEN; FRASER SCOTT E [US]	US20090225646P 20090715	C12N5/071; A61F2/06; A61F2/24; C12M3/00; C12N5/02	A METHOD APPLYING HEMODYNAMIC FORCING AND KLF2 TO INITIATE THE GROWTH AND DEVELOPMENT OF CARDIAC VALVES
BRPI0903975 A2 20110111	CAMPOS SHARON LISAUSKAS FERRAZ DE [BR]	BR2009PI03975 20090306	C12N9/64; C07K1/107; C07K14/745; C12N5/0735	PROCESSO DE MODIFICAÇÃO DE CÉLULAS-TRONCO EMBRIONÁRIAS BOVINAS E PROCESSO DE PURIFICAÇÃO DE PROTEÍNAS GERADAS POR CÉLULAS- TRONCO EMBRIONÁRIAS BOVINAS MODIFICADAS
TWI338714B B 20110311	CATHAY GENERAL HOSPITAL [TW]	TW20030133931 20031202	C12N5/071; C12N5/073; C12N5/0775	Method of isolation and enrichment of mesenchymal stem cells from amniotic fluid
KR20110029591 A 20110323	CATHOLIC UNIV IND ACAD COOP [KR]	KR20090087338 20090916	C12N5/071; C12N5/02	METHOD OF INDUCING DIFFERENTIATION OF MESENCHYMAL STEM CELL DERIVED FROM UMBILICAL CORD BLOOD INTO NEURON AND HAIR CELL

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WO2011049291 A2 20110428	CATHOLIC UNIV IND ACAD COOP [KR]; CHO SEOK GOO [KR]; PARK MIN JUNG [KR]; PARK HYUN SIL [KR]; CHO MI LA [KR]	KR20090101194 20091023	C12N5/071; A61K35/12; A61P37/00; C12N15/12	MESENCHYMAL STEM CELL INCORPORATING A NUCLEOTIDE SEQUENCE CODING TGF?, AND USES THEREOF
CN101978045 A 20110216	CELGENE CELLULAR THERAPEUTICS	WO2008US11167 20080926; US20070995679P 20070926	A61K35/20; C12N5/074	Angiogenic cells from human placental perfusate
EP2312482 A1 20110420	CELGENE CORP [US]	EP20050725995 20050322; US20040556683P 20040326	G06F19/00; A61K45/00; C12N5/073	Systems and methods for providing a stem cell bank
CN102083967 A 20110601	CELLARTIS AB	WO2008EP59491 20080718; US20070935003P 20070720; US20080071215P 20080417	A61K35/12; C12N5/071; G01N33/50	A novel population of hepatocytes derived via definitive endoderm (DE-hep) from human blastocysts stem cells
US2011044894 A1 20110224	CELLERANT THERAPEUTICS INC [US]	US20090810006 20090326; US20080039701P 20080326; WO2009US38462 20090326	A61K51/00; A61K39/395; A61P35/00; A61P35/02; C07K16/18; C07K16/28; C12N5/09; C12Q1/68; C40B30/00	Immunoglobulin and/or Toll-Like Receptor Proteins Associated with Myelogenous Haematological Proliferative Disorders and Uses Thereof

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WO2011048222 A1 20110428	CELLERIX S A [ES]; BUESCHER DIRK [ES]; DE LA ROSA OLGA [ES]	GB20090018615 20091023	C12N5/0775; C12N5/0783	CELL POPULATIONS HAVING IMMUNOREGULATORY ACTIVITY, METHODS FOR THE PREPARATION AND USES THEREOF
EP2291511 A1 20110309	CELLULAR DYNAMICS INTERNATIONAL INC [US]	WO2009US42701 20090504; US20080050086P 20080502	C12N5/0787	METHOD FOR PRODUCTION OF MAST CELLS FROM STEM CELLS
WO2011005849 A1 20110113	CELLULAR DYNAMICS INTERNATIONAL INC [US]; THOMSON JAMES [US]; SEAY NICK [US]	US20090223890P 20090708	C07K14/715; C12N5/071	MODIFIED IPS CELLS HAVING A MUTANT FORM OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) CELLULAR ENTRY GENE
US2011039258 A1 20110217	CELULA INC [US]	US20070445732 20071015; US20060829668P 20061016; WO2007US81396 20071015	C12Q1/68; C12N5/02; C12Q1/02	METHODS AND COMPOSITIONS FOR DIFFERENTIAL EXPANSION OF FETAL CELLS IN MATERNAL BLOOD AND THEIR USE

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CN102083965 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	WO2009US41348 20090422; US20080108872 20080424	C12N5/0735; C12N5/074	Pluripotent cells
MX2011000123 A 20110225	CENTOCOR ORTHO BIOTECH INC [US]	US20080076889P 20080630; WO2009US49049 20090629	C12N5/00	DIFFERENTIATION OF PLURIPOTENT STEM CELLS.
MX2011000125 A 20110225	CENTOCOR ORTHO BIOTECH INC [US]	US20080076900P 20080630; US20080076915P 20080630; US20080076908P 20080630; WO2009US49183 20090630	C12N5/071	DIFFERENTIATION OF PLURIPOTENT STEM CELLS.
MX2011004563 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080110278P 20081031; WO2009US61635 20091022	C12N5/071	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS TO THE PANCREATIC ENDOCRINE LINEAGE.
MX2011005288 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080116447P 20081120; WO2009US65062 20091119	C12N5/0735	PLURIPOTENT STEM CELL CULTURE ON MICRO-CARRIERS.
MX2011005289 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080116452P 20081120; WO2009US65067 20091119	C12N5/0735	METHODS AND COMPOSITIONS FOR CELL ATTACHMENT AND CULTIVATION ON PLANAR SUBSTRATES.

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US2011104805 A1 20110505	CENTOCOR ORTHO BIOTECH INC [US]	US20100913834 20101028; US20090256149P 20091029	C12N15/87; C12N5/071	Pluripotent Stem Cells
WO2011011300 A2 20110127	CENTOCOR ORTHO BIOTECH INC [US]; XU JEAN [US]	US20090226923P 20090720	A61K9/20; A61P3/00; A61P3/10; C12N5/0735; C12N5/074	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS
WO2011052979 A2 20110505	CHABIO & DIOSTECH CO LTD [KR]; 3CRO INC [KR]; CHO SEONG-JE [KR]; DO JEONG-TAE [KR]; CHUNG HYUNG-MIN [KR]	KR20090104840 20091102	C12N5/02; B82B3/00; C12N5/07	DE-DIFFERENTIATION METHOD OF CELLS USING NANOCARRIER, AND PREPARATION METHOD OF PLURIPOTENT STEM CELLS USING SAME
WO2011002727 A1 20110106	CHEN QINGFENG [SG]; CHEN JIANZHU [US]	US20090221438P 20090629	C12N5/071	METHODS OF PRODUCING HUMANIZED NON-HUMAN MAMMALS
WO2011057035 A1 20110512	CHEZ MICHAEL [US]	US20090258644P 20091106	C12N5/16	AGENT AND METHODS FOR REDUCING INFLAMMATORY MARKERS

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US2011033931 A1 20110210	CHILDREN S HOSPITAL OF ORANGE COUNTY [US]	US20080740672 20081126; US20070991197P 20071129; WO2008US84893 20081126	C12N5/071; C12N5/074	DE-DIFFERENTIATION OF HUMAN CELLS
JP2011062206 A 20110331	CHILDRENS MEDICAL CT CORP; GEN HOSPITAL CORP [US]; NORTHEASTERN OHIO UNIV COLLEGES OF MEDICINE	US19980168350 19981007	C12N5/10; C12N15/09; A61K48/00; A61P35/00; C12N1/00; C12N5/0797	ENGRAFTABLE NEURAL PROGENITOR AND STEM CELL FOR BRAIN TUMOR THERAPY
JP2011015693 A 20110127	CHILDRENS MEDICAL CT CORP; UNIV BRITISH COLUMBIA; UNIV PENNSYLVANIA [US]	US19980133873 19980814	C12N5/10; C12N15/09; A61K31/711; A61K35/30; A61K35/76; A61K48/00; A61P25/00; A61P43/00; C12N5/0797	ENGRAFTABLE HUMAN NEURAL STEM CELL
US2011008819 A1 20110113	CHIPPERFIELD HIRAM [SG]; DUNN NORRIS RAY [SG]	SG200800000957 20080131; WO2009SG00034 20090123	C12Q1/02; C12N5/073; C12N5/0735; C12N5/074	Method of Differentiating Stem Cells

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US2011033415 A1 20110210	CHOI INPYO [KR]; YOON SUKRAN [KR]; YUN SOHYUN [KR]; CHUNG JIN WOONG [KR]	KR20070077858 20070802; WO2007KR04816 20071002	A61K38/20; A61K35/12; A61P35/00; C12N5/0783	AGENT FOR DIFFERENTIATING HEMATOPOIETIC STEM CELL INTO NATURAL KILLER CELL COMPRISING YC-1 OR IL-2 1 AND A METHOD OF DIFFERENTIATING HEMATOPOIETIC STEM CELL INTO NATURAL KILLER CELL USING THE SAME
US2011091429 A1 20110421	CHRISTOPHERSON II KENT W [US]; HANGOC GIAO [US]; BROXMEYER HAL E [US]	US20100971496 20101217; US20070872641 20071015; US20040854723 20040526; US20030473589P 20030527	A61K35/14; A61K48/00; A61P43/00; C12N5/071; C12N5/0789; C12Q1/02	Methods for Enhancing Stem Cell Engraftment During Transplantation
US2011091426 A1 20110421	CHUTE JOHN P [US]; SAINI ABBA A [US]; CHUTE DENNIS J [US]; DAVIS THOMAS A [US]	US20030628886 20030729; US19990452855 19991203; US19980112042P 19981204	A61K35/28; A61P7/00; A61P43/00; C12N5/0789	Human brain endothelial cells and growth medium and method for expansion of primitive CD34+CD38- bone marrow stem cells

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US2011092378 A1 20110421	CLARKE MICHAEL [US]; MORRISON SEAN J [US]; WICHA MAX S [US]; AL- HAJJ MUHAMMAD [US]	US20100979991 20101228; US20070788489 20070420; US20060529869 20060929; US20030343692 20030825; WO2001US24243 20010802; US20000240317P 20001013; US20000222794P 20000803	C12Q1/68; C12N5/09; C12N5/095; C40B30/00; G01N33/50; G01N33/566; G01N33/574	ISOLATION AND USE OF SOLID TUMOR STEM CELLS
US2011021607 A1 20110127	CLARKE MICHAEL [US]; SHIMONO YOHEI [JP]	US20090865090 20090130; US20080025574P 20080201; WO2009US00593 20090130	A61K31/7088; A61P35/00; C12N5/071; C12N5/09	Methods and Compositions Relating to Carcinoma Stem Cells

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US2011033481 A1 20110210	CLARKE MICHAEL [US]; WICHA MAX S [US]; AL- HAJJ MUHAMMAD [US]	US20100758540 20100412; US20070651214 20070109; US20060607780 20061201; US20050150524 20050610; US20010920517 20010801; US20060529869 20060929; US20030343692 20030825; WO2001US24243 20010802; US20040497791 20041029; WO2002US39191 20021206; US20000240317P	A61K39/395; A01K67/027; A61K35/12; A61K39/00; 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	PROSPECTIVE IDENTIFICATION AND CHARACTERIZATION OF BREAST CANCER STEM CELLS
US2011059479 A1 20110310	COLES JOHN G [CA]; HANNIGAN GREGORY [CA]; LU HUANZHANG [CA]	US20100892065 20100928; US20070915687 20071127; WO2006CA00868 20060529; US20050685269P 20050527	C12Q1/02; C12N5/02; C12N5/077	MODULATION OF THE INTEGRIN LINKED KINASE SIGNALING PATHWAY TO PROMOTE CARDIAC CELL PROLIFERATION AND SELF-RENEWAL
KR20110024660 A 20110309	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090082755 20090903	C12N5/071; C12N5/02	SERUM-FREE, XENO-FREE METHOD FOR DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS OR HUMAN INDUCED PLURIPOTENT STEM CELLS INTO ENDOTHELIAL CELLS

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KR20110042426 A 20110427	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090099094 20091019	C12N5/071; C12N5/02	PROCESS FOR SELECTIVE CELL DEATH OF UNDIFFERENTIATED HUMAN EMBRYONIC STEM CELLS USING QUERCETIN
KR20110048718 A 20110512	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090105411 20091103	C12N5/071; C12N5/02	A METHOD FOR CULTURING HUMAN EMBRYONIC STEM CELLS OR INDUCED PLURIPOTENT STEM CELLS
KR20110072839 A 20110629	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]; BORM PHARM CO LTD [KR]	KR20090129931 20091223	C12N5/02; C12N5/0735; C12N5/074	COMPOSITIONS FOR STEM CELL CULTURE MEDIA AND METHOD FOR CULTURING THE STEM CELL USING THE COMPOSITIONS
US2011028401 A1 20110203	CONSIGLIO NAZIONALE RICERCHE [IT]	EP20090166967 20090731	A61K38/10; A61P25/16; C07K5/083; C07K5/093; C07K7/08; C12N5/079	CRIPTO BLOCKING MOLECULES AND THERAPEUTIC USES THEREOF

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US2011112015 A1 20110512	CONSORTUM NAT DE RECH EN GENOMIQUE CNRG	US20070296878 20070416; US20060791895P 20060414; WO2007IB02165 20070416	A61K38/17; A61P3/10; A61P5/14; A61P27/06; C07H21/04; C07K14/47; C12N5/00; C12N5/071; C12N15/63; C12Q1/68	USE OF GLIS3 FOR PREPARING FUNCTIONAL PANCREATIC BETA-CELLS
BRPI0616708 A2 20110628	COPYGENE AS [DK]	US20050722321P 20050930; WO2006DK00533 20060928	A61K6/00; C12N5/077	MÉTODOS PARA DIFERENCIAR CÉLULAS- TRONCO E USO DAS MESMAS NO TRATAMENTO DE CONDIÇÕES DENTÁRIAS
SG171669 A1 20110629	CORD BLOOD SCIENCE INC	US20060799734P 20060511	C12N5/073; C12N5/0789	METHODS FOR COLLECTING AND USING PLACENTA CORD BLOOD STEM CELLS
EP2294185 A2 20110316	CORETHERAPIX SLU [ES]	WO2009IB05636 20090508; US20080127067P 20080508	C12N5/074; C12N5/077	MULTIPOTENT ADULT STEM CELL POPULATION
CN101939362 A 20110105	CORNING INC; GERON CORP [US]	WO2009US32425 20090129; US20080063010P 20080130	C08J3/02; C12N5/079	Synthetic surfaces for culturing stem cell derived oligodendrocyte progenitor cells

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US2011076320 A1 20110331	CORONEO MINAS THEODORE [AU]	US20100961156 20101206; US20060332089 20060113; US20050644060P 20050113	A61F2/00; A61K35/12; A61P27/02; C12N5/074	STEM CELL CULTIVATION DEVICES AND METHODS
CN101952416 A 20110119	CRYO CELL INT	WO2008US12376 20081031; US20070001456P 20071031	C12N5/0789	Methods for co-culturing cord blood derived cells with menstrual stem cells
US2011008300 A1 20110113	CRYO SAVE AG [CH]	WO2009EP53262 20090319; EP20080152993 20080319	A61K35/12; A01N1/02; A61P3/00; A61P3/10; A61P17/00; A61P25/00; A61P35/00; C12N5/0775	Cryopreservation of Adipose Tissue for the Isolation of Mesenchymal Stem Cells
US2011052574 A1 20110303	CSL LTD; UNIV HEALTH NETWORK [CA]	US20080745607 20081204; US20070996819P 20071206; WO2008AU01797 20081204	A61K39/395; A61P35/04; C07K16/28; C12N5/00	METHOD OF INHIBITION OF LEUKEMIC STEM CELLS

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WO2011012764 A2 20110203	CT NAC DE INVESTIGACIONES CARDIOVASCULARES CNIC [ES]; SAMPER RODRIGUEZ ENRIQUE [ES]; ESTRADA RODRIGUEZ JUAN CAMILO [ES]; BERNAD MIANA ANTONIO [ES]	ES20090030540 20090730	C12N5/0775; C12Q1/68; G01N33/53; G06F19/00	METHOD FOR IDENTIFYING SENESCENT MESENCHYMAL STEM CELLS
EP2283117 A1 20110216	CYTHERA INC [US]	WO2008US61053 20080421	C12N5/071; C12P21/06	METHODS FOR PURIFYING ENDODERM AND PANCREATIC ENDODERM CELLS DERIVED FROM HUMAN EMBRYONIC STEM CELLS
US2011003388 A1 20110106	CYTORI THERAPEUTICS INC [US]	US20100886353 20100920; US20030614648 20030707; US20020316127 20021209; US20010338856P 20011207	A61M1/00; C12N5/071; A61K31/436; A61K35/02; A61K35/12; A61K35/36; A61K38/00; A61K38/16; A61K45/00; A61L27/00; A61P1/00; A61P1/16; A61P3/00; A61P3/10; A61P9/10; A61P11/00; A61P13/12; A61P17/00; A61P19/00; A61P19/02; A61P21/00; A61P25/00; A61P27/02; A	METHODS OF MAKING ENHANCED, AUTOLOGOUS FAT GRAFTS

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US2011055936 A1 20110303	D ADAMIO LUCIANO [US]; GILIBERTO LUCA [US]	US20070312735 20071120; US20060860599P 20061122; WO2007US24241 20071120	A01K67/00; C12N5/0735; C12Q1/02; G01N33/00	TRANSGENIC MAMALS MODIFIED IN BRI PROTEIN EXPRESSION
WO2011071936 A2 20110616	DAHL GARY [US]; PERSON ANTHONY [US]; MEIS JUDITH [US]; JENDRISAK JEROME [US]	US20090267312P 20091207	C12N5/074; C12N15/113	COMPOSITIONS AND METHODS FOR REPROGRAMMING EUKARYOTIC CELLS
CN102102090 A 20110622	DALIAN CHEMICAL PHYSICS INST	CN20091248451 20091216	C12N5/071; C12N5/077; C12N5/079	Method for inducing in vitro directed differentiation of stem cells through non- contact coculture
US2011144043 A1 20110616	DANA FARBER CANCER INST INC [US]	US20090653342 20091211	A61K31/706; A61K31/085; A61K31/138; A61K31/155; A61K31/165; A61K31/185; A61K31/245; A61K31/341; A61K31/343; A61K31/357; A61K31/381; A61K31/423; A61K31/426; A61K31/4375; A61K31/4439; A61K31/4706; A61K31/4709; A61K31/505; A61K31/5415; A61K31/661; A61P35/00;	Stat modulators

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WO2011059920 A2 20110519	DAVID GLADSTONE INST [US]; HUANG YADONG [US]; RING KAREN LEE [US]	US20090259885P 20091110	C12N5/0797	METHODS OF GENERATING NEURAL STEM CELLS
WO2011009064 A1 20110120	DAVID GLADSTONE INST [US]; KWON CHULAN [US]; SRIVASTAVA DEEPAK [US]	US20090226588P 20090717	C12N5/00; C12N5/02	METHODS OF CONTROLLING CELL PROLIFERATION
US2011008764 A1 20110113	DAVINCI BIOSCIENCES LLC [US]	US20100792202 20100602; US20090183173P 20090602	A01N1/02; C12N5/074	HUMAN GONADAL STEM CELLS
WO2011038133 A2 20110331	DAVINCI BIOSCIENCES LLC [US]; SILVA FRANCISCO J [US]; GONZALEZ RAFAEL [US]	US20090245123P 20090923	C12N5/074; C07K14/475; C12N5/02	UMBILICAL CORD LINING STEM CELLS AND METHODS AND MATERIAL FOR ISOLATING AND CULTURING SAME
US2011151561 A1 20110623	DAVIS JANET [US]; PARMENTER CHRISTINE [US]; DITOLVO KEVIN [US]	US20100970365 20101216; US20090289692P 20091223	C12N5/071	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

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US2011038963 A1 20110217	DAVIS SANBERG CYNDY [US]; SANBERG PAUL [US]; BICKFORD PAULA [US]; SHYTLER R DOUGLAS [US]; TAN JUN [US]	US20100901329 20101008; US20080288848 20081023; US20060415907 20060502; US20050676733P 20050502	A61K36/82; A61K36/45; A61P43/00; C12N5/071	COMBINED EFFECTS OF NUTRIENTS ON PROLIFERATION OF STEM CELLS
US2011159562 A1 20110630	DEISSEROTH KARL [US]; STROH ALBRECHT [DE]; SCHNEIDER M BRET [US]; AIRAN RAAG D [US]	US20090997140 20090617; US20080132163P 20080617; US20080093086P 20080829; WO2009US47701 20090617	C12N13/00; C12N5/0793	APPARATUS AND METHODS FOR CONTROLLING CELLULAR DEVELOPMENT
WO2011007900 A1 20110120	DEZAWA MARI [JP]; FUJIYOSHI YOSHINORI [JP]; NABESHIMA YUICHI [JP]; WAKAO SHOHEI [JP]	US20090213788P 20090715; US20090290159P 20091224	C12N5/00	PLURIPOTENT STEM CELL THAT CAN BE ISOLATED FROM BODY TISSUE
AU2009317191 A1 20110630	DIAZ ARROYO MANUEL	EP20080380324 20081120; WO2009EP65523 20091120	C12N5/0775	Myometrial-derived mesenchymal stem cells

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US2011034753 A1 20110210	DOBSON JON [GB]; EL HAJ ALICIA [GB]	GB20030029310 20031218; WO2004GB05156 20041208	A61N2/00; A61K41/00; A61K47/48; A61K49/18; C12N5/00; C12N5/06; C12N13/00	STEM CELL TARGETING AND ACTIVATION USING MAGNETIC PARTICLES
WO2011024070 A2 20110303	DOMOGATSKAYA ANNA [SE]; RODIN SERGEY [SE]; TRYGGVASON KARL [SE]	US20090583750 20090825	C12N5/00; C12N5/0735	COMPOSITION AND METHOD FOR PROLIFERATING UNDIFFERENTIATED STEM CELLS
US2011159112 A1 20110630	DUDICH ELENA [RU]; SEMENKOVA LYDIA [RU]; DUDICH IGOR [RU]; TATULOV EDUARD [RU]	US20100925513 20101022; US20070632409 20070112; WO2005RU00369 20050707	A61K33/24; A61K38/17; A61P3/02; A61P9/00; A61P17/00; A61P35/00; A61Q19/08; C07K14/47; C12N1/19; C12N5/09	Recombinant alpha-fetoprotein and compositions thereof
US2011091430 A1 20110421	DZAU VICTOR J [US]; MANGI ABEEL [US]; IP JAMES EDMUND [US]	US20100689655 20100119; US20030701789 20031105; US20020423805P 20021105; US20030493874P 20030808	A61K35/28; C12N5/0775	MESENCHYMAL STEM CELLS AND METHODS OF USE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011049329 A2 20110428	ECOGENECRAFT INC [KR]; KIM HAI KYUNG [KR]; AHN CHI HYUN [KR]; TAK EUN SIK [KR]	KR20090100907 20091022	C12N15/63; A01K67/00; C12N5/10	METHOD FOR PRODUCING TRANSFORMED EARTHWORMS USING EARTHWORM GONAD-REGENERATION CAPABILITY, TRANSFORMED EARTHWORMS THEREOF, AND METHOD FOR PRODUCING RECOMBINANT PROTEINS FROM TRANSFORMED EARTHWORM BODY FLUIDS
BRPI0614919 A2 20110419	EDEN BIOTECH LTD [BS]	US20050703073P 20050728; WO2006US29483 20060727	C12N5/0789	MÉTODO PARA REGENERAR UM SISTEMA IMUNE
EP2327762 A1 20110601	ES CELL INT PTE LTD [SG]	EP20030724662 20030605; AU2002PS02793 20020605; AU20020951874 20021004; AU20030901536 20030328; AU20030901537 20030328; AU20030902348 20030515	C12N5/071; C12N5/0793	Stem cells

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US2011081326 A1 20110407	ESCAPE THERAPEUTICS INC [US]	US20090999532 20090617; US20080074547P 20080620; WO2009US47647 20090617	A61K35/12; A61P17/02; C12N5/071; C12N5/077	DIFFERENTIATION OF MESENCHYMAL STEM CELLS INTO FIBROBLASTS, COMPOSITIONS COMPRISING MESENCHYMAL STEM CELL-DERIVED FIBROBLASTS, AND METHODS OF USING THE SAME
US2011123497 A1 20110526	FINA BIOTECH S L U [ES]	US20090622691 20091120	A61K35/12; C12N5/02; C12N9/74	GRAFT COMPOSITION FOR NEURAL TISSUE REGENERATION, METHOD OF PRODUCTION AND USES THEREOF
WO2011061375 A1 20110526	FINA BIOTECH S L U [ES]; ZURITA CASTILLO MERCEDES [ES]; VAQUERO CRESPO JESUS [ES]; AGUAYO FERRER CONCEPCION [ES]; OTERO ORTEGA LAURA [ES]	ES20090031025 20091120	C12N5/0797; A61K35/14; A61L27/38	IMPLANT COMPOSITION FOR THE REGENERATION OF NEURAL TISSUE, PROCESS OF PREPARATION AND USES THEREOF
US2011065118 A1 20110317	FISK GREGORY J [US]; INOKUMA MARGARET S [US]	US20100947605 20101116; US20090543875 20090819; US20080262536 20081031; US20070960477 20071219; US20050262633 20051031; US20020313739 20021206; US20010338885P 20011207	C12Q1/68; C12N5/071; C12N5/074; G01N33/53	Drug Screening Using Islet Cells and Islet Cell Progenitors from Human Embryonic Stem Cells

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US2011020933 A1 20110127	FRAUNHOFER GES FORSCHUNG [DE]	DE200710036150 20070802; WO2008EP06141 20080725	C12N5/074	METHOD AND DEVICE FOR RECEIVING BIOLOGICAL CELLS FROM A STEM CELL CULTURE
BRPI0613375 A2 20110111	FRESENIUS MEDICAL CARE DE GMBH [DE]	WO2005IT00303 20050526; WO2006IT00391 20060524	C12N5/22; C12N5/071; C12N5/074	CÉLULAS PROGENITORAS DO FÍGADO
EP2333047 A1 20110615	FRESENIUS MEDICAL CARE DE GMBH [DE]	EP20090425504 20091209	C12N5/074	Adult stem cell derived conditioned medium and/or adult stem cells for use in the therapeutic treatment of a tumor disease
US2011033523 A1 20110210	FRESENIUS MEDICAL CARE DE GMBH [DE]	WO2007IT00753 20071029	A61K9/127; A61K31/685; A61P1/16; A61P13/12; C07F9/02; C12N5/00	USE OF MICROVESICLES (MVS) DERIVED FROM STEM CELLS FOR PREPARING A MEDICAMENT FOR ENDO/EPITHELLAL REGENERATION OF DAMAGED OR INJURED TISSUES OR ORGANS, AND RELATED IN VITRO AND IN VIVO METHODS
JP2011004674 A 20110113	FUJITSU LTD; NAT CT FOR CHILD HEALTH & DEV	JP20090152166 20090626	C12N5/10	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELL (iPS CELL)

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ES2353990 A1 20110309	FUNDACION PARA ALA INVESTIGACION BIOSANITARIA DE ANDALUCIA ORIENTAL FIBAO [ES]; UNIV GRANADA [ES]	ES20090030625 20090825	C12N5/071; A61K35/12; A61L27/38	ELABORACION DE TEJIDOS ARTIFICIALES MEDIANTE INGENIERIA TISULAR UTILIZANDO BIOMATERIALES DE FIBRINA Y AGAROSA.
WO2011048253 A1 20110428	FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACION EN SALUD EN SEVILLA [ES]; MENDEZ FERRER SIMON [ES]	ES20090030890 20091022	C12N5/0775; A61K35/28; A61P7/00	MULTIPOTENT NESTIN-POSITIVE CELLS
US2011076770 A1 20110331	G C DENTAL IND CORP [JP]; TWO CELLS CO LTD [JP]	JP20090222981 20090928	C12N5/077	CULTURING METHOD OF MESENCHYMAL STEM CELL
BRPI0706070 A2 20110322	GAMBRO BCT INC [US]	US20060805801P 20060626; WO2007US72125 20070626	C12N5/0775	MÉTODO DE CULTIVO DE CÉLULAS-TRONCO MESENQUIMAIS

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EP2305794 A1 20110406	GAMIDA CELL LTD [IL]	EP20100003540 20030126; EP20030706871 20030126; US20020350360P 20020124; US20020376183P 20020430; US20020404137P 20020819; IL20020152904 20021117	C12N5/071; C12N15/09; A61K35/14; A61K35/28; A61K35/44; A61K47/22; A61P43/00; C07C51/09; C12N5/0789; C12N5/10; C12Q1/02; G01N33/50	Expansion of renewable stem cell populations
US2011033427 A1 20110210	GAMIDA CELL LTD [IL]	US20040774843 20040209; IL20020152904 20021117; WO2003IL00064 20030126; US20020404137P 20020819; US20020376183P 20020430	A61K35/12; A61P43/00; C12N5/077; C12N5/0775; C12N5/0789; G01N33/50	Expansion Of Renewable Stem Cell Populations
US2011045589 A1 20110224	GAMIDA CELL LTD [IL]; HADASIT MED RES SERVICE [IL]	US20100899268 20101006; US20080154058 20080519; US20040966727 20041014; US20030379195 20030304; US20010986897 20011113; US20000463320 20000122; WO1999IL00444 19990817	C12N5/0775; A61K38/19; A61K45/00; A61K48/00; C12N5/08	Methods Of Controlling Proliferation And Differentiation Of Stem And Progenitor Cells

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US2011070648 A1 20110324	GE HEALTHCARE BIO SCIENCES AB [SE]	SE20080001117 20080515; WO2009SE50517 20090511	C12N5/071; C12N5/0775; C12N5/078	METHOD FOR CELL EXPANSION
US2011059439 A1 20110310	GEN ELECTRIC [US]	US20090555901 20090909	C12Q1/68; C12N5/10; C12N15/63	COMPOSITION AND METHOD FOR IMAGING STEM CELLS
HK1067155 A1 20110325	GEN HOSPITAL CORP [US]	WO2002US30700 20020926; US20010963875 20010926; US20020120687 20020411; US20020136891 20020502	C12N15/09; A01K67/027; A61K31/436; A61K31/7088; A61K35/39; A61K38/00; A61K38/22; A61K45/00; A61K48/00; A61P3/10; C12N5/02; C12N5/074; C12Q1/00; G01N33/53	STEM CELLS OF THE ISLETS OF LANGERHANS AND THEIR USE IN TREATING DIABETES MELLITUS
US2011091930 A1 20110421	GEN HOSPITAL CORP [US]	US20090866970 20090213; US20080065685P 20080214; US20080130077P 20080528; WO2009US00915 20090213	C12Q1/20; C12M3/00; C12N5/071	WELL-BASED FLOW SYSTEM FOR CELL CULTURE

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CN102041243 A 20110504	GEN HOSPITAL OF PLA	CN20101569165 20101126	C12N5/0775	Kit and method for fast separating bone marrow mesenchymal stem cells
CN102041244 A 20110504	GEN HOSPITAL OF PLA	CN20101569203 20101126	C12N5/0775; C12N5/077	Kit for inducing differentiation from bone mesenchymal stem cells to fat cells, application of kit and method for inducing cell differentiation
CN102041245 A 20110504	GEN HOSPITAL OF PLA	CN20101569210 20101126	C12N5/0775; C12N5/077	Kit for inducing differentiation from bone mesenchymal stem cells to osteoblasts, application of kit and method for inducing cell differentiation
KR20110073534 A 20110629	GENENTECH INC [US]	US20080196930P 20081022	C12N5/074; A61P35/00; C12N5/095	PROSTATE STEM CELLS AND USES THEREOF
EP2301560 A1 20110330	GENOMIX CO LTD [JP]; UNIV OSAKA [JP]	WO2009JP58519 20090430; JP20080119324 20080430	A61K38/00; A61K31/7088; A61K35/76; A61K48/00; A61P17/02; A61P43/00; C07K14/47; C12N5/00; C12N15/09	PHARMACEUTICAL AGENT FOR PROMOTING THE FUNCTIONAL REGENERATION OF DAMAGED TISSUE

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JP2011092065 A 20110512	GENOMIX CO LTD [JP]; UNIV OSAKA [JP]	JP20090248107 20091028	C12N5/0775; C12M1/26	IMPLANTABLE IN VIVO SUBSTANCE- COLLECTING DEVICE
KR20110028440 A 20110318	GENOMIX CO LTD [JP]; UNIV OSAKA [JP]	JP20080119348 20080430	C07K14/435; A61K35/28; A61K35/76; C12N5/10	AGENT FOR RECRUITMENT OF BONE- MARROW-DERIVED PLURIPOTENT STEM CELL INTO PERIPHERAL CIRCULATION
EP2268794 A2 20110105	GERON CORP [US]	US20080039835P 20080327; US20080081242P 20080716; WO2009US38442 20090326	C12N5/00; C12N5/0784	DIFFERENTIATION OF PRIMATE PLURIPOTENT STEM CELLS TO HEMATOPOIETIC LINEAGE CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2270504 A2 20110105	GERON CORP [US]	EP20010900997 20010110; US20000175581P 20000111; US20000213740P 20000622; US20000213739P 20000622; US20000216387P 20000707; US20000220064P 20000721; US20000688031 20001010	C12N15/09; G01N33/50; C07H21/00; C07K16/18; C12N5/02; C12N5/073; C12N5/0735; C12N5/077; C12N5/079; C12N5/0793; C12N5/10; C12N15/10; C12P19/34; C12P21/02	Techniques for growth and differentiation of human pluripotent stem cells
JP2011050385 A 20110317	GERON CORP [US]	US20010305087P 20010712; US20010322695P 20010910	C12N5/0735; C12N15/09; A61K35/28; A61K35/34; A61K35/54; A61P9/00; A61P9/10; C12N5/02; C12N5/077; C12N5/10; C12Q1/02	CELL OF CARDIOMYOCYTE LINEAGE PRODUCED FROM HUMAN PLURIPOTENT STEM CELL
US2011071095 A1 20110324	GERON CORP [US]	US20100718812 20100305; US20070562374 20070309; WO2004US20277 20040623; US20030480988P 20030623	A61K31/7048; A61K31/58; A61K31/70; A61P1/04; A61P7/06; A61P9/10; A61P17/02; A61P19/02; A61P19/08; A61P25/28; A61P27/02; A61P29/00; A61P31/18; C07D307/12; C07H17/04; C07J1/00; C12N5/071; C12N5/077; C12Q1/02	Compositions and Methods for Increasing Telomerase Activity
CN101939418 A 20110105	GERON CORP [US]; CORNING INC	WO2009US32411 20090129; US20080062921P 20080130	C12N5/077	Synthetic surfaces for culturing stem cell derived cardiomyocytes

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EP2292734 A1 20110309	GERON CORP [US]; ROBARTS RES INST [CA]	EP20020804740 20021206; US20010338979P 20011207	C12N5/04; C12N5/10; A01N63/00; A61K35/12; A61K48/00; A61P7/00; A61P29/00; A61P35/00; A61P35/02; A61P37/02; A61P43/00; C12N5/078	Hematopoietic cells from human embryonic stem cells
CN101984050 A 20110309	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES	CN20091042329 20090901	C12N5/10; C12N15/86; C12N15/867	Cell type used for producing induced pluripotent stem (iPS) cells and preparation method and application thereof
US2011003386 A1 20110106	GUTOVA MARGARITA [US]; SHIH CHU-CHIH [US]; GEVORGYAN ANNA [US]; ABOODY KAREN [US]; NAJBAUER JOSIP [US]	US20100768607 20100427; US20070693691 20070329; US20060786919P 20060329	C12N5/02; C12N5/00	IDENTIFICATION AND CHARACTERIZATION OF CANCER STEM CELLS AND METHODS OF USE
EP2268797 A1 20110105	HADASIT MED RES SERVICE [IL]	WO2009IL00367 20090405; US20080064854P 20080331	C12N5/074; C12N5/0793; C12N5/0797	MOTOR NEURONS DEVELOPED FROM STEM CELLS

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US2011027333 A1 20110203	HADASIT MED RES SERVICE [IL]	US20080450943 20080427; US20070907818P 20070418; WO2008IL00556 20080427	A61F2/14; A61P27/02; C12N5/071; C12N5/0735	STEM CELL-DERIVED RETIN RETINAL PIGMENT EPITHELIAL CELLS
US2011064682 A1 20110317	HAN CELL [KR]	KR20080042564 20080507; WO2009KR02410 20090507	A61K8/98; A61Q19/02; A61Q19/08; C12N5/07; C12N5/074	COSMETIC COMPOSITION COMPRISING A STEM-CELL CULTURE FLUID, AND A PRODUCTION METHOD THEREFOR
US2011014164 A1 20110120	HARVARD COLLEGE [US]	US20090867615 20090213; US20080029287P 20080215; US20080091004P 20080822; WO2009US34102 20090213	A61K35/12; A61P1/16; A61P3/10; A61P5/14; A61P7/06; A61P9/00; A61P9/10; A61P11/00; A61P17/02; A61P19/08; A61P25/28; A61P35/02; A61P37/02; C12N5/07; C12N5/071; C12N5/0797; G01N33/566	EFFICIENT INDUCTION OF PLURIPOTENT STEM CELLS USING SMALL MOLECULE COMPOUNDS
US2011064700 A1 20110317	HARVARD COLLEGE [US]	US20080666010 20080627; US20070937571P 20070627; WO2008US08069 20080627	C12N5/079; A61K35/30; A61P25/00; A61P25/28; C12N5/0797	NEURAL STEM CELLS

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US2011070645 A1 20110324	HARVARD COLLEGE [US]; GEN HOSPITAL CORP [US]	US20080047056P 20080422; WO2009US41381 20090422; US20090989284 20090422	C12N5/071; C12N5/0735	COMPOSITIONS AND METHODS FOR PROMOTING THE GENERATION OF PDX1+ PANCREATIC CELLS
ES2356553T T3 20110411	HELMHOLTZ INFEKTIONSFORSCHUNG [DE]	EP20040025919 20041102	C12N15/867; A61K48/00; C12N5/10; C12N7/01; C12N15/90	PROCEDIMIENTO PARA LA GENERACION DE LINEAS CELULARES QUE PRODUCEN VIRUS Y LINEAS CELULARES.
US2011061118 A1 20110310	HELMHOLTZ ZENTRUM MUNICHEN [DE]	EP20080004946 20080317; EP20080005378 20080320; WO2009EP01959 20090317	A01K67/02; C07H21/04; C12N5/071; C12N5/074; C12N5/10; C12N15/63; C12N15/79; C12Q1/02; C12Q1/68	VECTORS AND METHODS FOR GENERATING VECTOR-FREE INDUCED PLURIPOTENT STEM (IPS) CELLS USING SITE-SPECIFIC RECOMBINATION
ES2359585T T3 20110524	HOFFMANN LA ROCHE [CH]	EP20060009703 20060511	C12N5/074; C12N5/0781	METODO PARA LA PRODUCCION DE ANTICUERPOS EN UN ANIMAL INMUNODEFICIENTE EN EL QUE SE HAN INYECTADO CELULAS MADRE DE HIGADO FETAL HUMANO.
JP2011101648 A 20110526	HOFFMANN ROLF	DE20021024982 20020605	C12N5/077; A61K8/98; A61K35/36; A61K48/00; A61P17/00; A61P17/02; A61P17/14; A61P43/00; A61Q7/00; C12N5/071; C12N5/074	HAIR FOLLICLE MESENCHYMAL STEM CELL AND USE THEREOF

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EP2329833 A1 20110608	HOSPITAL FOR SICK CHILDREN [CA]	EP20050706434 20050127; US20040539556P 20040127	A61K35/36; C12N5/00; C12N5/071; C12N5/074; C12N5/079; C12N5/0793	Methods of making and using skin-derived stem cells
US2011053166 A1 20110303	HOSPITAL FOR SICK CHILDREN [CA]	US20090920059 20090227; CA20082621155 20080306; US20080064366P 20080229; WO2009CA00230 20090227	C12Q1/68; C07H21/00; C12N5/10; C12N15/06; C12N15/63; C12N15/85; C12Q1/04	STEM CELL EXPRESSION CASSETTES
US2011111434 A1 20110512	HUANG EMINA H [US]; SCOTT EDWARD W [US]; CARPENTINO JOSEPH E [US]	US200913003888 20090714; US20080080813P 20080715; WO2009US50534 20090714	G01N33/566; C12N5/071; C12N5/09; C12Q1/02	COLON STEM CELLS ASSOCIATED WITH COLITISAND COLORECTAL CANCER AND METHODS OF USE
US2011070644 A1 20110324	HUBERMAN ELIEZER [US]; ZHAO YONG [US]	US20100954200 20101124; US20070834416 20070806; US20030704110 20031107; US20020424442P 20021107	C12N5/0786; A61K35/14; C12N5/071; C12N5/074; C12N5/0783; C12N5/0793; C12Q1/18	Monocyte-Derived Stem Cells (MDSC) and Methods of Use Thereof
CN101948804 A 20110119	HUNAN GUANGXIU HIGH LIFE TECHNOLOGY CO LTD	CN20101517717 20101025	C12N5/0775	Preparation method of umbilical cord mesenchymal stem cells

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US2011088106 A1 20110414	HUTCHINSON FRED CANCER RES [US]	US20090503001 20090714; US20030408157 20030403; US19990367848 19990827; US19960656562 19960531; US19960588595 19960118	A01H5/00; A01K67/00; A01K67/027; A01N57/16; A01P21/00; A61K31/70; A61K31/7088; A61K48/00; A61P43/00; C07H21/00; C07H21/02; C07H21/04; C07K14/47; C12N5/04; C12N5/06; C12N5/071; C12N5/078; C12N5/0793; C12N5/08; C12N5/10; C12N15/09; C12N15/63; C12N15/82;	COMPOSITIONS AND METHODS FOR MEDIATING CELL CYCLE PROGRESSION
KR20110022759 A 20110308	IAC IN NAT UNIV CHUNGNAM [KR]	KR20090080159 20090828	C12N5/07; C12N5/02	CANINE AMNIOTIC FLUID DERIVED MESENCHYMAL STEM CELL AND CELLULAR THERAPEUTICS CONTAINING THE SAME
WO2011055899 A2 20110512	IND ACADEMIC COOP [KR]; KIM DONG-WOOK [KR]; KIM DAE-SUNG [KR]	KR20090107235 20091106	C12N5/071; C12N5/02; C12N5/07	EFFICIENT AND UNIVERSAL METHOD FOR INDUCING THE DIFFERENTIATION OF NERVE CELLS FROM PLURIPOTENT STEM CELLS

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WO2011019124 A1 20110217	IND ACADEMIC COOP [KR]; LEE JONG EUN [KR]; PARK KYUNG AH [KR]; LEE WON TAEK [KR]; KIM JAE YOUNG [KR]; KIM JAE HWAN [KR]	KR20090075409 20090814	A61K31/335; A61P25/28; C12N5/00; C12P13/00	AGMATINE AS AN AGENT FOR ENHANCING STEM CELL EFFICACY
WO2011060381 A1 20110519	INDIANA UNIVERSITY RES & TECHNOLOGY CORP [US]; PELUS LOUIS M [US]; HOGGATT JONATHAN [US]	US20090261352P 20091115; US20090261349P 20091115	C12N5/16	METHODS TO ENHANCE DELIVERY AND ENGRAFTMENT OF STEM CELLS INCLUDING THE IDENTIFICATION OF SPECIFIC PROSTAGANDIN E2 RECEPTORS
CN102093977 A 20110615	INST BASIC MED SCIENCES PLA	CN20101572368 20101129	C12N5/071	Induction factor for inducing differentiation of iPS (induced pluripotent stem) cells into cardiac muscle cells and application thereof
KR20110022713 A 20110307	INST NAT SANTE RECH MED [FR]	EP20080305320 20080625; EP20080305447 20080804; EP20090305077 20090128; US20080090957P 20080822	C12N5/0735; A61F2/10; A61K35/36; A61L27/38; C12N5/071	METHODS FOR PREPARING HUMAN SKIN SUBSTITUTES FROM HUMAN PLURIPOTENT STEM CELLS

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WO2011058064 A1 20110519	INST NAT SANTE RECH MED [FR]; MANGEOT PHILIPPE [FR]; LOTTEAU VINCENT [FR]; PESCHANSKI MARC [FR]; GIRARD MATHILDE [FR]	EP20090306092 20091113	C12N5/071	REPROGRAMMATION OF EUKARYOTIC CELLS WITH ENGINEERED MICROVESICLES
WO2011050672 A1 20110505	INST OF ENVIRONMENT AND HEALTH ACADEMY OF MILITARY MEDICAL SCIENCES PLA [CN]; LI JUNWEN [CN]; JIN MIN [CN]; CHEN ZHAOLI [CN]; QIU ZHIGANG [CN]; SHEN ZHIQIANG [CN]; WANG XINWEI [CN]; WANG JINGFENG [CN]; GUO XIANGFEI [CN]; WANG SHU [CN]	CN20091070982 20091027; CN20101245845 20100805	C12N5/0735; C12Q1/70	IN-VITRO CULTIVATION MODEL OF HEPATITIS VIRUS, CONSTRUCTION METHOD AND APPLICATIONS THEREOF
CN101984048 A 20110309	INST RADIATION MED AMMS PLA	CN20101564874 20101124	C12N5/0775	Culture medium for culturing mesenchymal stem cells
AU2009322398 A1 20110630	INTERNAT STEM CELL CORP	US20080119570P 20081203; WO2009US66464 20091202	C12N5/071	Methods of deriving differentiated cells from stem cells
US2011020814 A1 20110127	IPIERIAN INC [US]	US20100794630 20100604; US20090184733P 20090605	C12Q1/68; C07H21/04; C12N5/10; G01N33/53	METHODS AND COMPOSITIONS FOR SELECTION OF STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011024423 A 20110210	ISHIHARA MASAYUKI	JP20080147231 20080604	C12N5/07; A61K9/16; A61K45/00; A61K47/36; A61K47/42; A61L27/00; A61P43/00; C12M3/00	PARTICULATE CELL CARRIER AND CELL-INTRODUCING SYSTEM CONTAINING THE SAME AND CELL CULTURE SYSTEM
CA2720567 A1 20110509	JACKSON LAB [US]; UNIV MASSACHUSETTS MEDICAL [US]	US20090259414P 20091109; US20100291994P 20100104	C12N5/10; A01K67/027; A61K35/12; A61K38/17; C07K14/52; C12N15/19; C12N15/85	TRANSGENIC NON-HUMAN ANIMAL AND METHODS FOR STEM CELL ENGRAFTMENT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011052504 A1 20110505	JAPAN HEALTH SCIENCE FOUND [JP]; MIZUGUCHI HIROYUKI [JP]; KAWABATA KENJI [JP]; INAMURA MITSURU [JP]; FURUE MIHO [JP]	JP20090247342 20091028; JP20100121282 20100527; JP20100154225 20100706	C12N15/09; C12N5/10	METHOD FOR INDUCTION OF DIFFERENTIATION OF STEM CELLS INTO HEPATOCYTES
CN101974484 A 20110216	JIANGSU BEIKE BIOTECHNOLOGY CO LTD	CN20101528733 20101103	C12N5/0775	Method for preparing human umbilical cord mesenchymal stem cells
KR20110036644 A 20110407	JMS CO LTD [JP]	JP20090015639 20090127; JP20100006277 20100114	C12N5/0789; A61K35/14; C12M1/42; C12N5/02	METHOD FOR CONTROLLING PROPAGATION OF UMBILICAL CORD BLOOD HEMATOPOIETIC STEM CELLS AND USE THEREOF
JP2011116715 A 20110616	JOSAI UNIV	JP20090276875 20091204	C07K7/08; A61L27/00; C12N5/0735; C12N5/074	COMPOSITION FOR PROLIFERATING STEM CELL
JP2011010581 A 20110120	KANEKA CORP	JP20090156379 20090630	C12M3/00; A61K35/12; A61P1/04; A61P9/00; A61P9/10; A61P9/14; A61P17/02; A61P19/08; A61P25/00; A61P29/00; A61P37/04; A61P43/00; B01D39/16; C12N5/07	STEM CELL SEPARATOR, SEPARATION FILTER FOR SEPARATING STEM CELL, METHOD OF SEPARATING STEM CELL USING SEPARATOR OR SEPARATION FILTER, AND METHOD OF RECOVERING STEM CELL
JP2011010582 A 20110120	KANEKA CORP	JP20090156381 20090630	C12M1/00; C12M1/12; C12M3/06; C12N5/07	FILTER FOR SEPARATING ADULT STEM CELL, AND METHOD OF SEPARATING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011027879 A1 20110203	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]; ZUK PATRICIA [US]; ASHJIAN PETER H [US]	US20100657722 20100126; US20030651564 20030829; US20010952522 20010910; US20010936665 20010910; WO2000US06232 20000310; US19990123711P 19990310; US19990162462P 19991029	C12N5/0775; C12N5/00; C12N5/074; C12N5/077; C12N5/0789	Adipose-derived stem cells and lattices
WO2011043077 A1 20110414	KAWASAKI HEAVY IND LTD [JP]; WATAKABE KEIZO; NAKAMURA YOHICHI; OHJI OSAMU; NAKASHIMA KATSUMI	JP20090235306 20091009	C12Q1/04; C12M1/34; C12M3/00; C12N5/07	METHOD AND APPARATUS FOR DISCRIMINATION OF UNDIFFERENTIATED PLURIPOTENT STEM CELL, AND AUTOMATIC CULTURE METHOD AND APPARATUS
RU2419441 C2 20110527	KHILOR LTD [IL]	US20030493000P 20030807	A61K35/12; A61P17/02; C12N5/077	APPLICATION OF ADIPOCYTES, PRE-ADIPOCYTES AND STEM CELLS FOR INDUCTION OR ACCELERATION OF WOUND HEALING AND PHARMACEUTICAL COMPOSITION, CONTAINING THEM
KR20110020468 A 20110303	KOREA ADVANCED INST SCI & TECH [KR]	KR20090078088 20090824	C12N5/00; C12N7/00	METHOD OF INDUCING DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO MESENCHYMAL STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011027886 A1 20110203	KOREA ADVANCED INST SCI & TECH [KR]	WO2008KR00952 20080218	C12N5/077; C12N5/071; C12N5/073; C12N5/074; C12N5/0789	METHOD OF INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO HEMANGIOBLAST
KR20110030030 A 20110323	KOREA INST SCI & TECH [KR]	KR20090087959 20090917	C12M1/18; C12N5/071; C12N15/09; C12N15/12	METHOD FOR THE DIFFERENTIATION OF ADIPOSE-DERIVED STEM CELLS INTO ADIPOCYTES USING HEPARIN-BINDING DOMAIN
US2011110903 A1 20110512	KOWA CO [JP]; MASAFUMI KITAKAZE [JP]; TETSUO MINAMINO [JP]; AKIO HIRATA [JP]	US201113005886 20110113; JP20040218243 20040727; US20070658731 20071023; WO2005JP12799 20050712	A61K35/12; A61K35/28; A61K35/34; A61P9/00; A61P9/04; A61P9/10; A61P43/00; C12N5/077; C12N5/095; C12N15/06	CELL FUSION PROMOTER AND UTILIZATION OF THE SAME
US2011070207 A1 20110324	KURODA MASAHIKO [JP]; TAKANASHI MASAKATSU [JP]; SUDO KATSUKO [JP]; YAMAUCHI SHIGEKI [JP]	US20100951612 20101122; JP20080088641 20080328; US20090412598 20090327	A61K35/28; A61K35/12; A61P17/00; C12N5/0775	THERAPEUTIC COMPOSITION FOR ATOPIC DERMATITIS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2327761 A1 20110601	KWALATA TRADING LTD [CY]	EP20050817711 20051214; US20040636391P 20041214; US20050668739P 20050405	C12N5/02; C12N5/077; C12N5/0786; C12N5/0789; C12N5/0797; C12N5/10; C12N5/16	Regulating stem cells
US2011020931 A1 20110127	KYOWA HAKKO KIRIN CO LTD [JP]	JP20080017031 20080129; WO2009JP51417 20090129	C12N5/02; C07C69/95; C07D311/78; C07D491/18; C07D491/22; C07J71/00; C12N5/0793; C12N5/0797	PROLIFERATION PROMOTING AGENT FOR NEURAL STEM CELLS
US2011021600 A1 20110127	KYOWA HAKKO KIRIN CO LTD [JP]	JP20060238459 20060904; WO2007JP67187 20070904	A61K31/7088; C07H21/02; C12N5/10; C12N15/63; C12Q1/68	NOVEL NUCLEIC ACID

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20110027914 A 20110317	KYUNGPOOK NAT UNIV IND ACAD [KR]	KR20090085725 20090911	C07K14/47; C12N5/071; C12N15/10	SECRETORY PROTEINS FOR WHICH STEM CELL DIFFERENTIATE TO OSTEOBLAST
KR20110038303 A 20110414	KYUNGPOOK NAT UNIV IND ACAD [KR]	KR20090095534 20091008	C07K14/47; C12N5/071	CHELATING AGENT -SOLUBLE TOOTH PROTEIN AND USAGE THEREOF
US2011150842 A1 20110623	LANZA ROBERT [US]; CHUNG YOUNG [US]	US20100905839 20101015; US20050267555 20051104; US20040624827P 20041104; US20050662489P 20050315; US20050687158P 20050603; US20050723066P 20051003; US20050726775P 20051014	A61K35/12; A61P43/00; C12N5/0735; C12N15/873	Derivation of Embryonic Stem Cells
US2011129450 A1 20110602	LAZAROV ORLY [US]; GADADHAR ARCHANA [US]; DEMARS MICHAEL P [US]	US200913057097 20090803; US20080085519P 20080801; US20080085513P 20080801; US20080093109P 20080829; WO2009US52589 20090803	A61K35/12; A61K31/7088; A61K31/713; A61K38/17; A61P25/00; A61P25/16; A61P25/28; C12N5/0797; C12N15/113	METHOD OF PROMOTING NEUROGENESIS BY MODULATING SECRETASE ACTIVITIES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011062313 A1 20110526	LEE HEE YOUNG [KR]	KR20090111080 20091117	C12Q1/24; C12M1/24; C12N5/0775	METHOD FOR SEPARATING STEM CELLS
CN101979510 A 20110223	LIAONING UNIVERSITY OF TRADITIONAL CHINESE MEDICINE	CN20101511117 20101019	C12N5/10; A61K35/28; A61P25/00; A61P37/02; C12N5/0775; C12N15/867	Bone marrow derived neural stem cell for expressing chemotactic factor receptor CCR5 and preparation method thereof
CN101952415 A 20110119	LIFESCAN INC	WO2008US71782 20080731; US20070953178P 20070731	C12N5/071	Differentiation of human embryonic stem cells
CN101978044 A 20110216	LIFESCAN INC	WO2008US68782 20080630; US20070947444P 20070701	C12N5/0735	Single pluripotent stem cell culture
CN101979508 A 20110223	LIU YUCHEN	CN20101538470 20101110	C12N5/0789	Human blood stem cell separation material cartridge
WO2011063462 A1 20110603	LIVESEY STEPHEN ANTHONY [AU]; TRAIANEDES KATHY [AU]	AU20090905823 20091127	A61F2/00; A61K35/12; C12N5/00	A METHOD OF INDUCING CELLULAR GROWTH AND MATERIALS FOR USE THEREWITH
US2011081321 A1 20110407	LOYOLA UNIVERSITY CHICAGO [US]	US20100730701 20100324; US20090163263P 20090325; US20090241996P 20090914	A61K35/37; A61P1/16; A61P1/18; A61P29/00; A61P37/02; C12N5/02	OMENTUM AS A SOURCE OF STROMAL/STEM CELLS AND MEDICAL TREATMENTS USING STROMAL/STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011005581 A2 20110113	LPATH INC [US]; PEBAY ALICE MARIE [AU]; TURNLEY ANN MAREE [AU]	US20090220077P 20090624	A61K39/395	METHODS OF INCREASING NEURONAL DIFFERENTIATION USING ANTIBODIES TO LYSOPHOSPHATIDIC ACID
US2011097314 A1 20110428	LYMPHOTEC INC [JP]	US20110987780 20110110; JP20030157996 20030603; JP20040138468 20040507; US20090556162 20090909; US20060559448 20060705; WO2004JP07164 20040526	A61K35/12; C12N15/09; A61K35/14; A61K39/395; A61P31/00; A61P35/00; A61P37/04; A61P43/00; C07K16/00; C07K16/18; C07K16/28; C12N1/15; C12N1/19; C12N1/21; C12N5/0783; C12N5/10; C12N15/12; C12P21/08	METHOD FOR PRODUCING A COMPOSITION FOR PROMOTING SURVIVAL OF TRANSPLANTED HEMATOPOIETIC STEM CELL
US2011015090 A1 20110120	MAJETI RAVINDRA [US]; WEISSMAN IRVING L [US]	US20100836152 20100714; WO2009US00224 20090113; US20080011324P 20080115	C40B30/04; C12N5/00; C12Q1/02; C12Q1/68; G01N33/53	Markers of Acute Myeloid Leukemia Stem Cells
WO2011005326 A1 20110113	MASSACHUSETTS INST TECHNOLOGY [US]; COLTON CLARK K [US]; MILLMAN JEFFREY R [US]	US20090224225P 20090709; US20090251048P 20091013	C12N5/0735; C12N5/074	METHODS AND COMPOSITIONS FOR INCREASED SAFETY OF STEM CELL- DERIVED POPULATIONS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011150845 A1 20110623	MASSACHUSETTS INST TECHNOLOGY [US]; GEN HOSPITAL CORP [US]; DANA FARBER CANCER INST INC [US]	US20090990331 20090501; US20080126310P 20080502; WO2009US02700 20090501	A61K35/12; A61P37/00; C12N5/0775; C12Q1/02; C40B40/02	METHODS AND COMPOSITIONS FOR MODULATING IMMUNOLOGICAL TOLERANCE
US2011053183 A1 20110303	MATSUZAKI YUMI [JP]; MABUCHI YO [JP]; MORIKAWA SATORU [JP]; OKANO HIDEYUKI [JP]	JP20070231298 20070906; WO2008JP66169 20080908	G01N33/53; C12N5/077; C12N5/0775; C12N5/078	METHOD OF CONCENTRATING HUMAN MESENCHYMAL STEM CELLS
CN102066556 A 20110518	MAX PLANCK GESELLSCHAFT [DE]	WO2009EP03735 20090526; EP20080009651 20080527; US20090166689P 20090403	C12N5/074; C12N15/873	Generation of induced pluripotent stem (iPS) cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2315829 A2 20110504	MAYO FOUNDATION [US]	WO2009US53314 20090810; US20080087492P 20080808; US20090271341P 20090720; US20090273654P 20090805	C12N5/074; C12N5/10; C12N15/12	INDUCED PLURIPOTENT STEM CELLS
IL147990 A 20110228	MCL LLC [US]	US19990147324P 19990805; US19990164650P 19991110; WO2000US21387 20000804	C12N5/074	POPULATION OF MULTIPOTENT ADULT STEM CELLS EXPRESSING TELOMERASE AND BEING CD45-AND GLYCOPHORIN A-, METHODS FOR THEIR PREPARATION AND USES
US2011135696 A1 20110609	MCLEAN HOSPITAL CORP	US20090995988 20090616; US20080073301P 20080617; WO2009US47565 20090616	A61K35/30; A61K9/00; A61P25/28; C12N5/00; C12N5/079	MULTIPOTENT NEURAL CELLS
KR20110053318 A 20110520	MEDIPOST CO LTD [KR]	KR20070087228 20070829	C12Q1/66; A61K35/14; C12N5/074; G01N33/574	COMPOSITION FOR THE DIAGNOSIS, PREVENTION OR TREATMENT OF DISEASES RELATED TO CELLS EXPRESSING IL-8 OR GRO-[alpha], COMPRISING UCB-MSCS
US2011070313 A1 20110324	MEDISTEM LAB INC [US]	US20100955755 20101129; US20060486635 20060713; US20050699579P 20050714	A61K35/50; A61P35/04; C12N5/073	METHODS OF INDUCING CELL DIFFERENTIATION WITH PLACENTAL EXTRACTS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
PT2046947E E 20110322	METAPONTUM AGROBIOS S R L [IT]	IT2006MI01498 20060728	C12N5/077	METHOD FOR THE PRODUCTION OF MULTIPOTENT STEM CELLS
US2011129928 A1 20110602	MIRAE BIOTECH CO LTD [KR]	KR20080009755 20080130; WO2008KR00585 20080131	C12N15/86; C12N5/074	Method of Manufacturing Induced Pluripotent Stem Cell Originated from Somatic Cell
WO2011033260 A1 20110324	MSD BIOLOG UK LTD [GB]; KARA BHUPENDRA VALLABH [GB]	GB20090016370 20090918	C12N5/071; A61K35/36	STEM CELL CONDITIONED MEDIUM COMPOSITIONS
US2011104123 A1 20110505	MURDOCH CHILDRENS RES INST ROYAL CHILDREN S HOSPITAL [AU]	AU20070904282 20070809; WO2008AU01159 20080808	A61K35/12; A61P9/00; A61P25/00; C12N5/0793; C12N5/0797	THERAPEUTIC PROTOCOL USING STEM CELLS IN TISSUE AND NEURONAL REPAIR, MAINTENANCE, REGENERATION AND AUGMENTATION
WO2011014845 A1 20110203	NANOINK INC [US]; JAMIL HARIS [US]; GUBBINS EARL J [US]; AMRO NABIL A [US]; DILMAC NEJMI [US]; SANEDRIN RAYMOND [US]	US20090230605P 20090731; US20090230620P 20090731	G01N33/50; C12N5/00	SCREENING SYSTEM TO IDENTIFY PATTERNS ON SUBSTRATE SURFACES FOR INDUCING STEM CELL DIFFERENTIATION AND PRODUCING HOMOGENOUS POPULATION OF A DESIRED CELL TYPE
WO2011068103 A1 20110609	NAT CANCER CT [JP]; DS PHARMA BIOMEDICAL CO LTD [JP]; OCHIYA TAKAHIRO [JP]; KAWAMATA MASAKI [JP]	JP20090274008 20091201; JP20100166571 20100723	C12N5/073; A01K67/02; A01K67/027; C12N5/0735	METHOD FOR CONSTRUCTING CHIMERIC RAT USING RAT EMBRYONIC STEM CELLS
US2011150823 A1 20110623	NAT CHENG KUNG UNIVERISTY [TW]	US20100974535 20101221; US20090289132P 20091222	A61K35/12; A61K38/19; C12N5/071	Cell Tissue Gel Containing Collagen and Hyaluronan

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011081395 A1 20110407	NAT HEALTH RESEARCH INSTITUTES [TW]; NAT UNIV TSINGHUA [TW]	US20090573878 20091005	A61F2/00; A61K35/12; C12N5/079	ULTRA-NANOCRYSTALLINE DIAMOND AS A BIOMATERIAL FOR ENHANCING PROLIFERATION AND DIFFERENTIATION OF NEURAL STEM CELLS
ES2357627T T3 20110428	NAT JEWISH HEALTH [US]; UNIV COLORADO	US20050728131P 20051018	C12N5/074	CELULAS MADRE ADULTAS INMORTALIZADAS EN FORMA CONDICIONAL A LARGO PLAZO Y METODOS PARA HACER Y UTILIZAR TALES CELULAS.
WO2011040469 A1 20110407	NAT UNIVERSITY CORP TOTTORI UNIVERSITY [JP]; HISATOME ICHIRO [JP]; SHIRAYOSHI YASUAKI [JP]; MIAKE JUNICHIRO [JP]	JP20090226760 20090930	C12N5/10; A61L27/00; C07K16/28; C12N15/09	NOVEL PACEMAKER CELL
US2011158967 A1 20110630	NC MEDICAL RES INC 75 INTEREST [JP]; ASKA PHARMACEUTICAL CO LTD 15 INTEREST [JP]; MITSUI SUMITOMO INSURANCE CARE NETWORK CO LTD 5 INTEREST [JP]; HITACHI LTD 5 INTEREST [JP]	US201113040954 20110304; JP20000190421 20000626; JP20010160579 20010529; US20080076092 20080313; US20050189050 20050726; US20020330963 20021223; WO2001JP05456 20010626	A61K35/14; A61K35/28; A61P25/00; A61P25/08; A61P25/28; A61P35/00; C12N5/071; C12N5/0775; C12N5/078	MESENCHYMAL STEM CELL AND THE METHOD OF USE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TW201119680 A 20110616	NCL MEDIA U K LTD [GB]	TW20090142862 20091215	A61K48/00; C12N5/07	Composition for delivery of therapeutic cell material and method thereof.
WO2011069121 A1 20110609	NEOSTEM INC [US]; MARASCO WAYNE [US]; MEDICETTY SATISH [US]; JIANG YAJUAN [US]	US20090266825P 20091204; TW20100104520 20100210	C12N5/0775; A61K35/14	MESENCHYMAL STEM CELLS (MSCS) ISOLATED FROM MOBILIZED PERIPHERAL BLOOD
JP2011078422 A 20110421	NEURALSTEM BIOPHARMACEUTICALS LTD	US19980101354P 19980922	C12N5/10; C12N15/09; C12N5/0797	STABLE NEURAL STEM CELL LINE
JP2011126918 A 20110630	NEURONOVA AB	US20030502386P 20030912	A61K31/137; A61K31/661; A61K38/18; A61K45/00; A61P9/00; A61P9/10; A61P21/00; A61P25/00; A61P25/14; A61P25/16; A61P25/28; A61P27/02; C12N5/0797	TREATMENT OF DISEASE OF NERVOUS SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011091428 A1 20110421	NEW YORK MEDICAL COLLEGE [US]	US20100898350 20101005; US20060357898 20060216; US20020162796 20020605; US20010919732 20010731; US20010295807P 20010606; US20010295806P 20010606; US20010295805P 20010606; US20010295804P 20010606; US20010295803P 20010606; US20010258805P 20010102; US2000025	A61K35/12; A61K35/28; A61K35/30; A61K35/34; A61K35/36; A61K35/38; A61K35/39; A61K35/407; A61K35/42; A61K35/44; C12N5/02	COMPOSITIONS OF ADULT ORGAN STEM CELLS AND USES THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011152835 A1 20110623	NEW YORK MEDICAL COLLEGE [US]	US20100913631 20101027; US20060357898 20060216; US20020162796 20020605; US20010919732 20010731; US20010295807P 20010606; US20010295806P 20010606; US20010295805P 20010606; US20010295804P 20010606; US20010295803P 20010606; US20010258805P 20010102; US2000025	A61K35/34; A61M25/00; A61P9/00; C12N5/0775	METHODS AND COMPOSITIONS FOR THE REPAIR AND/OR REGENERATION OF DAMAGED MYOCARDIUM
JP2011087466 A 20110506	NIPPON MENA ADE KESHOHIN KK	JP20090241039 20091020	C12N5/07; C12Q1/02	METHOD FOR DETECTING, SEPARATING AND CULTURING STEM CELL
JP2011087467 A 20110506	NIPPON MENA ADE KESHOHIN KK	JP20090241047 20091020	C12N5/07; C12Q1/04	METHOD FOR DETECTING, SEPARATING AND CULTURING STEM CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN101974488 A 20110216	NORTHWEST A&F UNIVERSITY	CN20101204356 20100621	C12N5/10; C12N15/52; C12N15/85	Immortalized porcine pancreatic stem cell line and construction and differentiation methods thereof
US2011014260 A1 20110120	NOVIK ERIC [US]; YARMUSH MARTIN L [US]; SCHLOSS RENE [US]; SHARMA NRIPEN [US]	US20070993372P 20070911; US20080677248 20080911; WO2008US76014 20080911	A61K9/00; A61K35/12; A61P43/00; C12N5/071; C12N5/074	SYSTEM AND METHOD FOR LIVER CELL CULTURE AND MATURATION
EP2277993 A1 20110126	OBSHHESTVO S OGRANICHENNOJJ OTVETSTVENNOST JU LAB KLETOCHNYKH T [RU]	WO2008RU00795 20081224; RU20080110210 20080319	C12N5/071; C12N5/00; C12N5/0735	METHOD FOR PRODUCING ENDOTHELIAL CELLS (VARIANTS)
US2011081720 A1 20110407	ODORICO JON [US]; XU XIAOFANG [US]	US20100825281 20100628; US20070799659 20070502; US20060796662P 20060502	C12N5/071	METHOD OF DIFFERENTIATING STEM CELLS INTO CELLS OF THE ENDODERM AND PANCREATIC LINEAGE
JP2011055717 A 20110324	OLYMPUS CORP	JP20090205876 20090907	C12N5/07; C12M3/00; C12M3/06	CELL CULTURE METHOD AND CELL CULTURE DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011021558 A1 20110224	ORGAN TECHNOLOGIES INC [JP]; KITAMURA SHINJI [JP]; MAKINO HIROFUMI [JP]	JP20090188578 20090817	C12N5/071; A61L27/00; C12N5/00; C12N5/074	PROCESS FOR PRODUCTION OF BIOARTIFICIAL ORGAN
EP2275531 A1 20110119	ORIENTAL YEAST CO LTD [JP]; UNIV KYOTO [JP]	WO2009JP57041 20090331; JP20080093350 20080331; JP20080225686 20080903	C12N5/07; C07K14/47; C12N5/0735; C12N15/12	METHOD FOR PROLIFERATION OF PLURIPOTENT STEM CELL
BRPI0706529 A2 20110329	OSIRIS THERAPEUTICS INC [US]	US20060759157P 20060113; WO2007US00274 20070105	C12N5/00; C12N5/0775	CÉLULAS-TRONCO MESENQUIMAS QUE EXPRESSAM RECEPTORES DE TNF-ALFA
EP2269616 A2 20110105	OSIRIS THERAPEUTICS INC [US]	EP20000974007 20001026; US19990427333 19991026	A61K35/28; A61K35/14; A61K39/00; A61P37/06; A61P43/00; C12N5/0783	Supernatant from mesenchymal stem cells for prevention and treatment of immune responses in transplantation
EP2311471 A2 20110420	OSIRIS THERAPEUTICS INC [US]	EP20090009351 19970417; EP19970920427 19970417; US19960016245P 19960419; US19960029838P 19961028	A61K35/28; C12M1/00; A61F2/28; A61L27/00; A61L27/12; A61L27/38; A61L27/58; C12N5/00; C12N5/077; C12N5/0775	Regeneration and augmentation of bone using mesenchymal stem cells

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MX2011001730 A 20110324	OSIRIS THERAPEUTICS INC [US]	US20080088898P 20080814; WO2009US53891 20090814	C12N5/071	PURIFIED MESENCHYMAL STEM CELL COMPOSITIONS AND METHODS OF PURIFYING MESENCHYMAL STEM CELL COMPOSITIONS.
PT1276486E E 20110207	OSIRIS THERAPEUTICS INC [US]	US20000199549P 20000425; US20000236106P 20000928	A61K35/12; A61K47/36; A61K35/28; A61P19/02; A61P29/00; C12N5/0775	JOINT REPAIR USING MESENCHYMAL STEM CELLS
ES2353061T T3 20110225	OSIRIS THERAPEUTICS INC [US]; OSIRIS THERAPEUTICS INC [US]	US20000199549P 20000425	A61K35/12; A61K35/28; A61P19/02	REPARACION DE ARTICULACIONES UTILIZANDO CELULAS MADRE MESENQUIMATOSAS.

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MX2011005480 A 20110620	OTSUKA PHARMA CO LTD [JP]	JP20080299359 20081125; WO2009JP69648 20091119	C12N5/078; A61K35/28; A61P43/00; C12N15/09	STEM CELL FOR THERAPEUTIC USE WHICH IS DERIVED FROM HUMAN MONOCYTE, AND METHOD FOR INDUCING SAME.
EP2298866 A1 20110323	OTSUKA PHARMA CO LTD [JP]; JICHI MEDICAL UNIVERSITY [JP]; JIKEI UNIVERSITY [JP]; TOKYO WOMEN S MEDICAL UNIVERSITY [JP]	WO2009JP62098 20090702; JP20080173935 20080702	C12N5/07	ARTIFICIAL KIDNEY PRECURSOR AND PROCESS FOR PRODUCTION THEREOF
WO2011066497 A2 20110603	PARSORTIX INC [US]; HVICIA GEORGE [US]; COUNTS DAVID [US]; EVANS GARY [US]	US20090264918P 20091130	C12Q1/24; C12N5/073; G01N33/49	METHODS AND APPARATUS FOR SEGREGATION OF PARTICLES, INCLUDING SEGREGATION AND PROLIFERATION OF FETAL AND STEM CELLS
US2011143415 A1 20110616	PAYLIAN SERGEI [US]	US20100960527 20101205; US20090286241P 20091214	C12N13/00; C12N5/071	REPROGRAMMING NORMAL AND CANCEROUS HUMAN CELL LINES INTO HUMAN INDUCED POLURIPOTENT STEM CELLS BY CO-ELECTROPORATION WITH LIVING XENOPUS LAEVIS FROG OOCYTES
CN101974483 A 20110216	PEKING UNIVERSITY PEOPLE S HOSPITAL	CN20101503679 20101012	C12N5/0775; A61K35/44; A61P37/02	Application of mesenchymal stem cell in sicca syndrome

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US2011053266 A1 20110303	PERRY JOHN M [US]; LI LINHENG [US]; GRINDLEY JUSTIN C [US]	US20100802913 20100616; US20090589551 20091023; WO2008US05230 20080423; US20070926065P 20070423; US20080066693P 20080222	C12N5/074; C12N5/071; C12N5/0789	Methods, kits, and compositions for stem cell self-renewal
US2011020314 A1 20110127	PETER MACCALLUM CANCER INST	US20100727697 20100319; AU2001PR08565 20011030; US20070933633 20071101; US20040837038 20040430; WO2002AU01443 20021024	A61K38/46; A61K35/12; A61K38/18; A61P7/00; A61P7/06; A61P9/00; A61P35/02; C12N5/071; C12N5/0789; C12N15/09; C12Q1/04; G01N33/53; G01N33/566; G01N33/569	IDENTIFYING HAEMATOPOIETIC STEM CELLS BASED ON CELL SURFACE MARKERS

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US2011158965 A1 20110630	PITTENGER MARK F [US]; GORDON STEPHEN L [US]; MACKAY ALASTAIR MORGAN [US]; MARTIN BRADLEY J [US]	US201113012956 20110125; US20090395949 20090302; US20030690435 20031021; US20020278148 20021022; US20020127737 20020422; US20000446952 20000327; WO1998US14520 19980714; US19970052910P 19970714	A61K35/12; A61P9/00; A61P9/10; C12N5/077; C12N5/0775	Cardiac Muscle Regeneration Using Mesenchymal Stem Cells
EP2311938 A1 20110420	PLURISTEM LTD [IL]	EP20090174118 20000204; EP20000913340 20000204; US19990118789P 19990204	C12M3/00; C12N5/077; A61K35/12; A61K35/14; A61P7/00; A61P43/00; C12M3/04; C12N5/00; C12N5/02; C12N5/078	Method and apparatus for maintenance and expansion of hemopoietic stem cells and/or progenitor cells
KR20110005336 A 20110118	POSTECH ACAD IND FOUND [KR]; BIOD CO LTD [KR]	KR20090062796 20090710	C12N15/11; C12N5/10; C12N15/861	VECTOR INCLUDING THE DNA CASSETTE COMPOSED OF BMP-2 AND SUICIDE GENE HSV-TK, AND SELF-REGULATING STEM CELL MEDICINE EXPRESSING BOTH BMP-2 AND HSV-TK

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CN102105579 A 20110622	PRIMEGEN BIOTECH LLC	WO2008US72541 20080807; US20070954496P 20070807; US20080026502P 20080206; US20080060356P 20080610	C12N5/074	Isolation, characterization and propagation of germline stem cells
WO2011042547 A1 20110414	PROJECH SCIENCE TO TECHNOLOGY S L [ES]; GONZALEZ GALVEZ BEATRIZ [ES]; RODRIGUEZ CIMADEVILLA JUAN CARLOS [ES]	EP20090382201 20091008	C12N5/077; A61K35/48; A61P15/08; C12N5/0775; C12N5/0793	MYOMETRIAL-DERIVED MESENCHYMAL STEM CELLS AND USES THEREOF
EP2295537 A1 20110316	PUBLIC UNIVERSITY CORP YOKOHAMA CITY UNIVER [JP]	WO2009JP58932 20090513; JP20080127755 20080514	C12N5/074; C12N5/00; C12N5/10; C12N15/09; C12Q1/02	HUMAN HEPATIC STEM CELL, METHOD FOR PREPARATION OF THE SAME, METHOD FOR INDUCTION OF DIFFERENTIATION OF THE SAME, AND METHOD FOR UTILIZATION OF THE SAME

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WO2011009054 A1 20110120	PURDUE RESEARCH FOUNDATION [US]; UNIV INDIANA RES & TECH CORP [US]; VOYTIK-HARBIN SHERRY L [US]; SROUR EDWARD F [US]; KACENA MELISSA A [US]	US20090230041P 20090730; US20090226092P 20090716	C12N5/07	COMPOSITION AND METHOD FOR MAINTENANCE, DIFFERENTIATION, AND PROLIFERATION OF STEM CELLS
CN101948801 A 20110119	QINGDAO ALLCARE BIOLOG DEV CO LTD	CN20101246371 20100806	C12N5/0775; C12N5/074; C12N5/0789; C12N5/0797	Serum-free culture medium supplement and preparation method thereof
WO2011067465 A1 20110609	RAJALA KRISTIINA [FI]; SUURONEN MARJO-RIITTA [FI]; HOVATTA OUTI [FI]; SKOTTMAN HELI [FI]	FI20090006288 20091204	C12N5/02; C12N5/0735; C12N5/077	FORMULATIONS AND METHODS FOR CULTURING STEM CELLS
US2011044997 A1 20110224	RANKIN SARA MARGARET [GB]; PITCHFORD SIMON CHARLES [GB]	GB20070024222 20071212; GB20080017160 20080919; WO2008GB04105 20081212	A61K39/395; A61K35/12; A61K38/18; A61P3/10; A61P9/00; A61P11/00; A61P15/02; A61P25/16; A61P25/28; A61P29/00; C12N5/02; C12Q1/02	METHODS
EP2279247 A1 20110202	REGENERATIVE RES FOUNDATION [US]	WO2009US41472 20090422; US20080047102P 20080422	C12N5/10; C12N5/00; C12N5/071; C12N5/074	RETINAL PIGMENT EPITHELIAL STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN101945994 A 20110112	REGENERATIVE SCIENCES LLC	WO2008US87452 20081218; US20070014987P 20071219	C12N5/00; C12N5/02	Compositions and methods to promote implantation and engraftment of stem cells
WO2011006205 A1 20110120	REGENERTECH PTY LTD [AU]; BHASIN VISHAL [AU]	AU20090903293 20090715; AU20090904597 20090922	C12N5/074	METHOD OF PRODUCING PROGENITOR CELLS FROM DIFFERENTIATED CELLS
AU2009323841 A1 20110630	RENEURON LTD [GB]	GB20080022246 20081205; WO2009GB51659 20091207	A01N1/02; A61L27/38; C12N5/00	Cellular compositions for use in therapy
US2011008887 A1 20110113	RENEURON LTD [GB]	US20100890319 20100924; US20050237094 20050927	C12N5/071	EPHA4-POSITIVE HUMAN ADULT PANCREATIC ENDOCRINE PROGENITOR CELLS
US2011046092 A1 20110224	RES DEV FOUNDATION [US]	US20080747116 20081211; US20070007344P 20071211; WO2008US86430 20081211	A61K31/655; A61K31/44; A61K31/4412; A61K31/4439; A61P25/00; C12N5/071; C12N5/0793; C12N5/0797; C40B30/04; G01N33/566	SMALL MOLECULES FOR NEURONAL DIFFERENTIATION OF EMBRYONIC STEM CELLS

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WO2011068879 A2 20110609	RES DEV FOUNDATION [US]; PREYNAT-SEAUVE OLIVIER [CH]; KRAUSE KARL-HEINZ [CH]	US20090266072P 20091202	C12N5/0735; A61K35/12; C12N5/077; C12N5/079	SELECTION OF STEM CELL CLONES WITH DEFINED DIFFERENTIATION CAPABILITIES
US2011020932 A1 20110127	RIKEN [JP]	JP20060259295 20060925; WO2007JP68335 20070921	C12N5/10	IN VITRO DIFFERENTIATION/INDUCTION OF LYMPHOCYTE FROM STEM CELL HAVING GENOTYPE PROVIDED AFTER GENE RECONSTITUTION
US2011091869 A1 20110421	RIKEN [JP]	JP20080149880 20080606; JP20080282299 20081031; WO2009JP60396 20090605	C12Q1/70; C12N5/071; C12N5/079; C12N5/0793; C12N5/0797; C12Q1/02; C12Q1/68	METHOD FOR CULTURE OF STEM CELL
EP2270137 A1 20110105	RIKEN [JP]; KATSURA YOSHIMOTO [JP]	WO2009JP54698 20090311; JP20080061542 20080311	C12N5/10; A61K35/12; A61P37/04; C12N15/09	METHOD FOR PRODUCING CELLS HAVING CHARACTERISTIC OF HEMATOPOIETIC STEM CELLS/PROGENITOR CELLS
WO2011055855 A1 20110512	RIKEN [JP]; SASAI YOSHIKI [JP]; EIRAKU MOTOTSUGU [JP]	US20090258439P 20091105	C12N5/0735; C12N5/07	A METHOD FOR DIFFERENTIATION INDUCTION IN CULTURED STEM CELLS

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WO2011049414 A2 20110428	RNL BIO CO LTD [KR]; RA JEONG CHAN [KR]; KANG SUNG KEUN [KR]; BAEK SUN JIN [KR]	KR20090101117 20091023	C12N5/02; C12N5/071; C12Q1/02	METHOD FOR INDUCING MIGRATION OF ADULT STEM CELLS DERIVED FROM ADIPOSE TISSUE
WO2011056017 A2 20110512	RNL BIO CO LTD [KR]; RA JEONG CHAN [KR]; KANG SUNG KEUN [KR]; WOO SANG KYU [KR]; KIM MI AE [KR]; YOON EUN JI [KR]	KR20090107184 20091106	C12N5/02; A61K35/36; A61P17/14; C12N5/071	MASS PROPAGATION METHOD FOR HAIR FOLLICLE STEM CELLS
US2011014695 A1 20110120	ROISEN FRED J [US]; KLUEBER KATHLEEN M [US]; LU CHENGLIANG [US]	US20100888826 20100923; US20020112658 20020329; US20010279933P 20010329; US20020352906P 20020128	C12N5/079; C12N5/0797	METHODS FOR OBTAINING ADULT HUMAN OLFACTORY PROGENITOR CELLS
RU2009143025 A 20110520	ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]; UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST TSITOLOGII RAN [RU]	RU20090143025 20091113	C12N5/00	METHOD OF USING STEM CELLS IN TISSUE REPLACEMENT THERAPY

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US2011065103 A1 20110317	SAHIN UGUR [DE]; POLEGANOV MARCO [DE]; BEISSERT TIM [DE]	EP20070024312 20071214; WO2008EP10593 20081212	C12Q1/68; C12N5/0789; C12N13/00; C12N15/12	USE OF RNA FOR REPROGRAMMING SOMATIC CELLS
EP2294182 A1 20110316	SAINT PETER S COLLEGE [US]	WO2009US43426 20090511; US20080071682P 20080512; US20080052478P 20080512	C12N5/00; C12N5/073; C12N5/074; C12N5/077	MULTIPOTENT STEM CELL CULTURES
US2011039332 A1 20110217	SAKURADA KAZUHIRO [JP]; MASAKI HLDEKI [JP]; ISHIKAWA TETSUYA [JP]; TAKAHASHI SHUNICHI [JP]	JP20070159382 20070615; WO2007EP10019 20071120	C12N5/071; C12N5/0735; C12N5/074	HUMAN PLURIPOTENT STEM CELLS INDUCED FROM UNDIFFERENTIATED STEM CELLS DERIVED FROM A HUMAN POSTNATAL TISSUE
US2011017733 A1 20110127	SALES ENGINEERING AG [CH]	WO2009EP53144 20090317; IT2008UD00058 20080318	B65D55/00; C12N5/00	KIT FOR COLLECTING BLOOD, PREFERABLY PERIPHERAL BLOOD, FOR THE PRODUCTION OF STEM CELLS
US2011044961 A1 20110224	SALK INST FOR BIOLOGICAL STUDI [US]; CT OF REGENERATIVE MEDICINE [ES]	US20100819059 20100618; US20090218611P 20090619	A61K35/12; A61P43/00; C12N5/071; C12N5/0789	Generation of Induced Pluripotent Stem Cells from Cord Blood

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WO2011032025 A2 20110317	SALK INST FOR BIOLOGICAL STUDI [US]; SUGII SHIGEKI [US]; EVANS ROLAND M [US]; BELMONTE JUAN CARLOS IZPISUA [US]; KIDA YASUYUKI [US]	US20090241122P 20090910; US20100298164P 20100125	C12N5/0775; C12N5/02; C12N5/10; C12N15/12	ADIPOSE-DERIVED INDUCED PLURIPOTENT STEM CELLS
EP2314674 A1 20110427	SANBIO INC [US]	EP20050735066 20050407; US20040561613P 20040412	C12N5/0793; A61K35/28; A61K35/30	Cells exhibiting neuronal progenitor cell characteristics
US2011136114 A1 20110609	SANBIO INC [US]	US20090736665 20090430; US20080125978P 20080430; WO2009US02664 20090430	C12Q1/68; C12N5/00; C12N5/0775; C12N15/00	NEURAL REGENERATING CELLS WITH ALTERATIONS IN DNA METHYLATION
US2011027235 A1 20110203	SANGAMO BIOSCIENCES INC; WHITEHEAD BIOMEDICAL INST	US20100798749 20100408; US20090212265P 20090409; US20090269432P 20090624	A61K35/12; C12N5/10; C12P21/02; C12Q1/02	Targeted integration into stem cells

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US2011104296 A1 20110505	SARKAR DIPAK KUMAR [US]	US20090990896 20090508; US20080051668P 20080508; WO2009US02894 20090508	A61K9/00; A61K38/43; A61K38/51; A61K38/54; A61P3/10; A61P5/14; A61P19/02; A61P29/00; A61P31/04; A61P31/12; A61P35/00; A61P35/04; A61P37/04; C12N5/0793; C12N5/0797	Endorphin Therapy Compositions and Methods
US2011112187 A1 20110512	SCHNEIDER ARMIN [DE]; MORARU ANJA [DE]; KRUEGER CAROLA [DE]; LAAGE RICE [DE]; PITZER CLAUDIA [DE]	EP20070016189 20070817; WO2008EP60745 20080815	A61K31/36; A61K31/167; A61K31/196; A61P25/00; A61P25/16; A61P25/18; A61P25/28; A61P27/06; C07C229/56; C07C229/64; C07C235/38; C07D317/60; C12N5/071; C12N5/0797	Use Of Tranilast And Derivatives Thereof For The Therapy Of Neurological Conditions
US2011070280 A1 20110324	SCHUMACHER KARL M [SG]; YING JACKIE Y [SG]; SCHUMACHER ANNEGRET [SG]; NARAYANAN KARTHIKEYAN [SG]; MAUBACH GUNTER [SG]	US20080669457 20080721; US20070929960P 20070719; WO2008SG00263 20080721	A61F2/00; A61K35/12; A61P13/12; C12N5/071; C12N5/0735	METHOD FOR DIFFERENTIATING EMBRYONIC STEM CELLS INTO CELLS EXPRESSING AQP-1
EP2279243 A2 20110202	SCRIPPS RESEARCH INST [US]	WO2009US37429 20090317; US20080069956P 20080317; US20080197986P 20081031	C12N5/07; C12N5/074	COMBINED CHEMICAL AND GENETIC APPROACHES FOR GENERATION OF INDUCED PLURIPOTENT STEM CELLS

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US2011104131 A1 20110505	SCRIPPS RESEARCH INST [US]	US20100952910 20101123; US20040833743 20040428; US20030628783 20030725; US20030467051P 20030502; US20020398522P 20020725	A61K35/28; C12N15/09; A61P9/10; A61P27/02; C12N5/00; C12N5/02; C12N5/078; C12N5/0789; C12N5/10	HEMATOPOIETIC STEM CELLS AND METHODS OF TREATMENT OF NEOVASCULAR EYE DISEASES THEREWITH
WO2011005580 A2 20110113	SCRIPPS RESEARCH INST [US]; BALDWIN KRISTIN [US]	US20090269412P 20090623; US20090230062P 20090730	C12N5/074; C12N5/10; C12N15/12; C12N15/86	ADULT ANIMALS GENERATED FROM INDUCED PLURIPOTENT CELLS
WO2011008773 A2 20110120	SCRIPPS RESEARCH INST [US]; IRM LLC A DELAWARE LTD LIABILITY COMPANY [GB]; JOHNSON KRISTEN [US]; JENNINGS LORI [US]; SCHULTZ PETER [US]	US20090225293P 20090714	A61K39/395	MESENCHYMAL STEM CELL DIFFERENTIATION
WO2011047300 A1 20110421	SCRIPPS RESEARCH INST [US]; LIN TONGXIANG [US]; DING SHENG [US]	US20090252548P 20091016	C12N5/00	INDUCTION OF PLURIPOTENT CELLS

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WO2011045765 A1 20110421	SCUOLA INTERNAZ SUPERIORE DI STUDI AVANZATI [IT]; BRANCACCIO MARCO [IT]; MALLAMACI ANTONIO [IT]	US20090251446P 20091014	A61K48/00; C12N5/0797; C12N15/867	TEMPORALLY PATTERNED OVEREXPRESSION OF Foxg1 AND Emx2 TRANSCRIPTION FACTOR GENES IN NEURAL PRECURSORS FOR BRAIN TISSUE REPAIR
JP2011109916 A 20110609	SEEMS INC	JP20090265840 20091124	C12M1/00; C12N5/0775	APPARATUS AND METHOD FOR CULTURING STEM CELL
US2011158966 A1 20110630	SELIGMAN JUDITH [IL]	US201113029975 20110217; US20050041070 20050121; WO2003IL00605 20030723; US20100295580 20100714; WO2007IL00467 20070411; US20020397601P 20020723; US20060790781P 20060411	A61K35/14; A61P1/16; A61P9/00; A61P15/00; A61P19/08; A61P25/00; C12N5/0789; C12Q1/68	STEM CELLS CHARACTERIZED BY EXPRESSION OF GERMLINE SPECIFIC GENES
RU2422513 C2 20110627	SELLERANT TERAP JUTIKS INK [US]	US20040622318P 20041025	A61K48/00; A61P7/00; C12N5/00; C12N5/071; C12N5/0789	METHODS OF MYELOID CELL POPULATION EXPANSION AND USE

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EP2322602 A2 20110518	SEOUL NAT UNIVERSITY HOSPITAL [KR]	WO2009KR03954 20090717; KR20080073383 20080728	C12N5/0775	METHOD FOR SEPARATING HIGHLY ACTIVE STEM CELLS FROM HUMAN STEM CELLS AND HIGHLY ACTIVE STEM CELLS SEPARATED THEREBY
KR20110033047 A 20110330	SEOUL NAT UNIVERSITY HOSPITAL [KR]	KR20090089330 20090922; KR20100001940 20100108	C12N5/074; A61K35/12; C12N5/02; C12N5/0735	METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS WITH HIGH EFFICIENCY AND INDUCED PLURIPOTENT STEM CELLS PRODUCED BY THEREOF
KR20110038593 A 20110414	SEOUL NAT UNIVERSITY HOSPITAL [KR]	KR20090095403 20091008	C12N5/0775; C07C43/04; C12N5/02	METHOD AND MEDIUM FOR INDUCING HIGH ACTIVITY OF STEM CELLS FROM HUMAN ADIPOSE TISSUE
WO2011037367 A2 20110331	SEOUL NAT UNIVERSITY HOSPITAL [KR]; PARK YOUNG-BAE [KR]; KIM HYO-SOO [KR]; KWON YOO-WOOK [KR]; CHO HYUN-JAI [KR]; PAEK JAE-SEUNG [KR]	KR20090089330 20090922; KR20100001940 20100108	C12N5/074; A61K35/12; C12N5/02	HIGHLY-EFFICIENT MANUFACTURING METHOD OF INDUCED PLURIPOTENT STEM CELLS AND INDUCED PLURIPOTENT STEM CELLS PRODUCED BY THE METHOD

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WO2011023843 A2 20110303	SERVICIO ANDALUZ DE SALUD [ES]; UNIV GRANADA [ES]; ALAMINOS MINGORANCE MIGUEL [ES]; MUNOZ AVILA JOSE IGNACIO [ES]; GONZALEZ ANDRADES MIGUEL [ES]; MUNOZ CAMPOS ANTONIO [ES]; GARZON BELLO INGRID JOHANNA [ES]	ES20090030625 20090825; ES20090030943 20091102	C12N5/071; A61K35/12; A61L27/38	PRODUCTION OF ARTIFICIAL TISSUES BY MEANS OF TISSUE ENGINEERING USING AGAROSE-FIBRIN BIOMATERIALS
CN101954120 A 20110126	SHAANXI BOHONG BIOTECHNOLOGY CO LTD	CN20101280320 20100913	A61L27/24; A61L27/18; A61L27/20; A61L27/22; A61L27/36; C12N5/0775	Method for preparing engineered adipose tissues
CN102106342 A 20110629	SHANDONG QILU STEM CELL ENGINEERING CO LTD	CN20091260704 20091229	A01N1/02; C12N5/0775	Method for storing mesenchymal stem cells and method for culturing mesenchymal stem cells
WO2011072461 A1 20110623	SHANGHAI HE CHEN BIOTECHNOLOGY CO LTD [CN]; GUO LIHE [CN]; LIU TIANJIN [CN]	WO2009CN75733 20091218	C12N5/07; C12N5/071	MATERIALS AND METHODS FOR GENERATING PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102071137 A 20110525	SHANGHAI KUNJU TECHNOLOGY DEV CO LTD	CN20091199070 20091119	C12M3/00; C12M1/24; C12M1/34; C12M1/36; C12M1/38; C12N5/074; C12N5/0775	Device and method for preparing stem cells through continuous perfusion bioreactor/tank (bag) system
CN102071167 A 20110525	SHANGHAI KUNJU TECHNOLOGY DEV CO LTD	CN20091199071 20091119	C12N5/0735; C12M3/00; C12N5/074; C12N5/0775; C12N5/0789; C12N5/0797	Method and device for culturing cells such as stem cells and the like for therapy in mobile carrier mode
US2011082100 A1 20110407	SHCHEPINOV MIKHAIL S [GB]	US20090922439 20090313; US20080036882P 20080314; WO2009US37173 20090313	A61K31/7064; A61K31/7068; A61P43/00; C07H19/06; C12N5/071	THERAPEUTIC SUBSTANCES THAT MODULATE GENOME METHYLATION
US2011045053 A1 20110224	SHEN MICHAEL M [US]; ABATE-SHEN CORINNE T [US]; WANG XI [US]; KRUIHOF-DE JULIO MARIANNA [US]	US20100816331 20100615; US20090234975P 20090818	A61K9/00; A61K35/12; A61P13/08; C12N5/071; C12Q1/04; C12Q1/68; G01N33/567	ISOLATED POPULATION OF LUMINAL STEM CELLS THAT GIVE RISE TO PROSTATE CANCER AND METHODS OF USING SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102093981 A 20110615	SHENZHEN BEIKE BIOTECH CO LTD	CN20101593844 20101217	C12N5/10; C12N15/85	Method for efficiently inducing reprogramming of human body cells into pluripotent stem cells
WO2011034106 A1 20110324	SHISEIDO CO LTD [JP]; SOMA TSUTOMU [JP]; YAMANISHI HARUYO [JP]	JP20090213291 20090915	C12N5/071; C12N15/09	METHOD FOR ISOLATION OF DERMAL STEM CELL
BRPI0708576 A2 20110531	SHROFF GEETA [IN]	IN2006DE00582 20060307; IN2006DE01500 20060626; US20060844350P 20060914; WO2007IB02292 20070306	A61K35/48; A61K35/12; A61P25/00; C12N5/0735	COMPOSIÇÃO COMPREEDENDO CÉLULAS- TRONCO EMBRIÔNICAS HUMANAS E SEUS DERIVADOS, MÉTODOS DE USO E MÉTODOS DE PREPARAÇÃO
US2011038903 A1 20110217	SINGH ASHOK K [US]	US20100855760 20100813; US20100342154P 20100412; US20090274372P 20090817	A61K8/02; A61K9/00; A61K9/70; A61K35/12; A61K38/18; A61K39/00; A61M1/00; A61P3/10; A61P9/00; A61P17/02; A61P25/00; A61P29/00; A61P37/04; A61Q19/08; C12N5/02; C12N5/07	Apparatus and Process for Generating and Harvesting Adult Stem Cells and Fluid Associated with it from Skin and Omentum for Medical, Cosmetic, and Veterinary Use
WO2011057034 A2 20110512	SLOAN KETTERING INST CANCER [US]; MOORE MALCOLM A S [US]; ERTEM SERVER A [US]	US20100293113P 20100107; US20090258570P 20091105	C12N5/0797; C12N15/12; C12Q1/68; G01N33/15	CATENAE: SEROSAL CANCER STEM CELLS

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US2011053263 A1 20110303	SNU INDUSTRY FOUNDATION [KR]	KR20080014498 20080218; WO2009KR00783 20090218	C12N5/095	Multipotent Cancer Stem Cell Lines and Method for Producing the Same
KR101044785B B1 20110627	SNU R&DB FOUNDATION [KR]	KR20100108975 20101104	C12N5/0735; C12N5/02	METHOD FOR PRODUCING HUMAN EMBRYONIC STEM CELL IN CULTURE SYSTEM WITHOUT COMPONENTS DERIVED FROM ANIMAL AND HUMAN EMBRYONIC STEM CELL BY PRODUCED THEREOF
KR20110028164 A 20110317	SNU R&DB FOUNDATION [KR]	KR20090086131 20090911	C12N5/02; C12N5/00	STIMULI-RESPONSIVE MICROSPHERES FOR INHIBITING DIFFERENTIATION OF STEM CELLS
KR20110063995 A 20110615	SNU R&DB FOUNDATION [KR]	KR20090120400 20091207	G01N33/68; C12N5/0735; C12Q1/68; G01N33/53	COMPOSITIONS FOR ANALYZING PLURIPOTENCY OF PORCINE EMBRYONIC STEM CELL
KR20110037907 A 20110413	SNU R&DB FOUNDATION [KR]; KIM JI YEON [KR]	KR20090094854 20091006	C12N5/071; C12N5/02	METHOD FOR DIFFERENTIATION INTO RETINAL CELLS FROM STEM CELLS
WO2011043592 A2 20110414	SNU R&DB FOUNDATION [KR]; KIM JI YEON [KR]; PARK SUNG SUP [KR]	KR20090094854 20091006; KR20090115389 20091126	C12N5/071; C12N5/02	COMPOSITIONS FOR INDUCING DIFFERENTIATION INTO RETINAL CELLS FROM RETINAL PROGENITOR CELLS OR INDUCING PROLIFERATION OF RETINAL CELLS COMPRISING WNT SIGNALING PATHWAY ACTIVATORS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011076253 A1 20110331	SNYDER MICHAEL P [US]; LU JOYCE J [US]	US20060989363 20060728; US20050704088P 20050729; US20060773572P 20060215; WO2006US29473 20060728	A61K35/12; C12N5/071; C12N5/0735	Defined Culture Conditions of Human Embryonic Stem Cells
US2011014704 A1 20110120	SONG SUN U [KR]	US20100857582 20100817; US20060471684 20060619; US20050595254P 20050617	C12N5/074; C12N5/071	ISOLATION OF MULTI-LINEAGE STEM CELLS
WO2011068962 A1 20110609	SPANGRUDE GERALD JOHN [US]; MITCHELL BIRGITTA H [US]; MANNING JARED [US]; UNIV UTAH RES FOUND [US]	US20090283390P 20091203	C12N5/0783	METHODS FOR GENERATING T LYMPHOCYTES FROM HEMATOPOIETIC STEM CELLS
US2011097799 A1 20110428	STANKEWICZ CASEY [US]; RILEY MATT [US]; BEARDSLEY NATHANIEL [US]; WANG WEN BO [US]; FUHRKEN PETER [US]; KATTMAN STEVEN [US]	US20100907714 20101019; US20090252919P 20091019	C12N5/02; C12N5/00	CARDIOMYOCYTE PRODUCTION

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WO2011068896 A1 20110609	STEM CELL & REGENERATIVE MEDICINE INTERNATIONAL INC [US]; KIMBREL ERIN [US]; LU SHI-JIANG [US]	US20090266661P 20091204	C12N5/078; A61K35/12	METHOD OF GENERATING NATURAL KILLER CELLS AND DENDRITIC CELLS FROM HUMAN EMBRYONIC STEM CELL-DERIVED HEMANGIOBLASTS
WO2011069127 A1 20110609	STEM CELL & REGENERATIVE MEDICINE INTERNATIONAL INC [US]; LI FENG [US]; LU SHI-JIANG [US]	US20090266939P 20091204; US20100384165P 20100917	C12N5/00; C12N5/02	LARGE SCALE GENERATION OF FUNCTIONAL MEGAKARYOCYTES AND PLATELETS FROM HUMAN EMBRYONIC STEM CELLS UNDER STROMAL-FREE CONDITIONS
AU2011202404 A1 20110616	STEM CELL THERAPEUTICS CORP	AU20050211847 20050214; AU20110202404 20110524; US20040544915P 20040213; WO2005CA00184 20050214	A61K38/24; A61K35/30; A61K38/17; A61K38/18; A61K38/22; A61K38/25; A61K38/27; A61K38/30; A61P25/28; C12N5/0797	Use of Luteinizing Hormone (LH) and Chorionic Gonadotropin (hCG) for Proliferation of Neural Stem Cells and Neurogenesis
WO2011064549 A2 20110603	STEM CELLS FOR SAFER MEDICINES LTD [GB]; BONE HEATHER KARYN [GB]; TOSH DAVID [GB]; WELHAM MELANIE JOANNE [GB]	GB20090020865 20091127; GB20100002329 20100211	C12N5/0735	COMPOSITION AND METHOD FOR DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS
ES2351170T T3 20110201	STEMCELLS CALIFORNIA INC [US]	US19990119725P 19990212	C12N5/0797; G01N33/569	POBLACIONES ENRIQUECIDAS DE CELULAS DEL SISTEMA NERVIOSO CENTRAL.

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TW201100546 A 20110101	STEMCYTE INC [US]	US20090167967P 20090409	C12N5/078; A61K35/44	HIV-resistant stem cells and uses thereof
WO2011043844 A1 20110414	STEMEDICA CELL TECHNOLOGIES INC [US]	US20090573159 20091005	A61K35/00; A61P25/00; A61P25/16; A61P25/28; C12N5/0797	COMPOSITIONS OF STEM CELLS AND STEM CELL FACTORS AND METHODS FOR THEIR USE AND MANUFACTURE
GB2476425 A 20110622	STEMPEUTICS RES PRIVATE LTD [IN]	WO2008IN00816 20081205; IN2008CH02601 20081024	C12N5/0735; A61K33/24; C01G7/00; C12N5/02	Gold nanoparticle,a composition and a method to perpetuate stemness thereof
WO2011064733 A1 20110603	STEMPEUTICS RES PRIVATE LTD [IN]; PAL RAKHI [IN]; GUPTA PAWAN KUMAR [IN]; KEMBURU PRASANNA KUMAR [IN]; PRASANNA JYOTHI [IN]; TOTEY SATISH [IN]; SEETHARAM RAVIRAJA NEELAVAR [IN]; GOLITHADKA UMESH BAIKUNJE [IN]; MAJUMDAR ANISH SEN [IN]	IN2009CH02932 20091127	C12N5/0775; C12N5/071; C12N5/074	METHODS OF PREPARING MESENCHYMAL STEM CELLS, COMPOSITIONS AND KIT THEREOF

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US2011044954 A1 20110224	STICE STEVEN [US]; WEST FRANKLIN [US]	US20090583402 20090820	A61K35/12; A61P15/00; C12N5/00; C12N5/07; C12N5/071	Methods of producing germ-like cells and related therapies
US2011159056 A1 20110630	SUGAYA KIMINOBU [US]; SEAL SUDIPTA [US]	US201113044770 20110310; US20080968393 20080102; US20070883081P 20070102	A61K35/12; A61K9/14; A61K33/24; A61P25/28; C12N5/02	METHODS AND MATERIALS FOR STIMULATING PROLIFERATION OF STEM CELLS
US2011053269 A1 20110303	SUGGS LAURA [US]; NATESAN SHANMUGASUNDARAM [US]; ZHANG GE [US]; CHRISTY ROBERT J [US]; WALTERS THOMAS [US]	US20100870128 20100827; US20090237868P 20090828	C12N5/0775	LAMINAR CONSTRUCT FOR TISSUE- ENGINEERED DERMAL EQUIVALENT
US2011136203 A1 20110609	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]; GLYKOS FINLAND LTD [FI]	EP20080397517 20080716; WO2009FI50628 20090716	C12N5/0775; C12N5/071; C12N9/10; C12N9/24	ENZYMATIC MODIFICATION OF CELL GLYCOSYLATION USING SERUM ALBUMIN AND DIVALENT CATIONS
WO2011073517 A1 20110623	SUOMEN PUNAINEN RISTI VERIPALVELU [FI]; KOTOVUORI ANNIKA [FI]; NATUNEN SUVI [FI]; VALMU LEENA [FI]	FI20090006331 20091215	G01N33/577; C07K16/28; C12N5/077; C12N5/0775	METHOD OF DISTINGUISHING UNDIFFERENTIATED MESENCHYMAL STEM CELLS AND DIFFERENTIATED MESENCHYMAL STEM CELLS FROM EACH OTHER BY USING AN ANTIBODY AGAINST THE BLOOD GROUP I ANTIGEN

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011136226 A1 20110609	SYNTHECON INC [US]	US20100928116 20101203; US20090283705P 20091207	C12N5/077	Stem cell bioprocessing and cell expansion
CN101974486 A 20110216	TAIHUA WANG	CN20101558399 20101125	C12N5/0775	Method for extracting mesenchymal stem cells from trace human fatty tissues and massively culturing
KR20110025861 A 20110311	TAKARA BIO INC [JP]	JP20080177155 20080707; JP20080230040 20080908; JP20080262861 20081009; JP20090010214 20090120; JP20090050694 20090304	C12N5/074; C12N5/10; C12N15/867	METHOD FOR PRODUCTION OF PLURIPOTENT STEM CELL
WO2011068159 A1 20110609	TAKARA BIO INC [JP]; ENOKI TATSUJI [JP]; IWAMOTO FUMIKO [JP]	JP20090275032 20091203	C12N15/09; C12N5/10	NUCLEIC ACID FOR PRODUCTION OF PLURIPOTENT STEM CELL

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TW201111502 A 20110401	TEAM YOUN BIOMEDICAL TECHNOLOGY CO LTD [CN]	TW20090131724 20090921	C12M3/02; C12N5/073; C12N5/0775	Method for extracting mesenchymal stem cell from embryo of animals and human, and method for extracting secretion from the extracting mesenchymal stem cell
US2011027234 A1 20110203	TECHNION RES & DEV FOUNDATION [IL]	US20080450764 20080410; US20070907619P 20070411; WO2008IL00500 20080410	A61K35/12; A61P9/00; C12N5/077; C12N5/10; C12N15/63; C12Q1/02; C12Q1/68	METHODS FOR IDENTIFICATION AND SELECTION OF HUMAN EMBRYONIC STEM CELL DERIVED CELLS
US2011027887 A1 20110203	TECHNION RES & DEV FOUNDATION [IL]	US20100906155 20101018; US20050536439 20051128; WO2003IL01017 20031130; US20020429574P 20021129	C12N5/073; C12N5/00; C12N5/02	METHOD OF DYNAMICALLY CULTURING EMBRYONIC STEM CELLS
WO2011058558 A2 20110519	TECHNION RES & DEV FOUNDATION [IL]; AMIT MICHAL [IL]; ITSKOVITZ- ELDOR JOSEPH [IL]	US20090272860P 20091112	C12N5/02	CULTURE MEDIA, CELL CULTURES AND METHODS OF CULTURING PLURIPOTENT STEM CELLS IN AN UNDIFFERENTIATED STATE

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WO2011021194 A2 20110224	TECHNION RES & DEV FOUNDATION [IL]; DAR-OAKNIN AYELET [IL]; ITSKOVITZ-ELDOR JOSEPH [IL]	US20090272103P 20090817	C12N5/0797	PERICYTE PROGENITOR CELLS AND METHODS OF GENERATING AND USING SAME
RU2009147362 A 20110627	TEMNOV ANDREJ ALEKSANDROVICH [RU]	RU20090147362 20091222	C12N5/095	METHOD OF TARGETED TRANSPORT OF BIOLOGICALLY ACTIVE SUBSTANCES AND APPLICATION OF STEM CELLS FOR TARGETED TRANSPORT
BRPI0707974 A2 20110517	TESLAB S R L [IT]	IT2006NA00017 20060220; WO2007EP01416 20070219	C12N5/077	MÉTODOS DE COLETA E SELEÇÃO DE UMA POPULAÇÃO DE CÉLULA -TRONCO TIPO EMBRIONÁRIO DE TECIDOS FOLICULARES E PERIODONTAIS ADULTOS HUMANOS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
PT1773987E E 20110525	TESLAB S R L [IT]	IT2004NA00043 20040728	C12N5/077	STEM CELLS OBTAINED FROM PULP OF DECIDUOUS OR PERMANENT TEETH AND OF DENTAL GERM, ABLE TO PRODUCE HUMAN BONE TISSUE
WO2011060244 A1 20110519	TEXAS A & M UNIV SYS [US]; PROCKOP DARWIN J [US]; BARTOSH THOMAS W JR [US]; YLOSTALO JONI [US]	US20090260559P 20091112	C12N5/071	SPHEROIDAL AGGREGATES OF MESENCHYMAL STEM CELLS
US2011129867 A1 20110602	THIES R SCOTT [US]	US201113021497 20110204; US20060345878 20060201; US20020313740 20021206; US20010339043P 20011207	C12N15/09; C12Q1/02; A61K35/12; A61L27/00; A61P19/00; A61P19/02; C12N5/02; C12N5/077	Compound Screening Using Chondrocytes
JP2011045380 A 20110310	TRANSGENIC INC	JP19990200997 19990714; JP20100232922 20101015	C12N15/09; A01K67/027; C12N5/10; C12N15/10	TRAP VECTOR AND METHOD FOR GENE TRAPPING USING THE SAME
EP2271745 A1 20110112	TRAUMA CARE CONSULT TCC TRAUMATOLOGISCHE FORSCHUNG GEMEINNUETZIGE GMBH [AT]; BIO PROD & BIO ENG AG [AT]	WO2009AT00178 20090430; AT20080000684 20080430	C12N5/074; C12N5/073	SESSILE STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011008301 A1 20110113	TRIVEDI H L [IN]; VANIAR ARUNA [IN]	IN2008MU00211 20080315; WO2009IN00174 20090313	A61K35/12; A61P3/10; A61P17/02; C12N5/071; C12N5/0775; C12P21/00	HUMAN ADIPOSE DERIVED INSULIN MAKING MESENCHYMAL STEM CELLS FOR TREATING DIABETES MELLITUS
US2011070641 A1 20110324	UCHIDA NOBUKO [US]; TSUKAMOTO ANN [US]; TAMAKI STANLEY [US]; CAPELA ALEXANDRA [US]; AUSTIN TIM [US]	US20100807574 20100907; US20090512706 20090730; US20060568568 20061010; WO2004US28111 20040827; US20030498470P 20030827	C12N5/0789; C07K16/28; C12N5/00; C12N5/074; G01N33/53; G01N33/566; G01N33/567	Enriched pancreatic stem cell and progenitor cell populations, and methods for identifying, isolating and enriching for such populations
WO2011077086 A2 20110630	UCL BUSINESS PLC [GB]; DONOS NIKOLAOS [GB]; OLSEN IRWIN [GB]; AMIN HARSH DEVANGBHAI [IN]	GB20090022438 20091222	C12N5/00	AGENTS HAVING TISSUE GENERATIVE ACTIVITY
US2011002895 A1 20110106	UEDA MINORU [JP]; YAMADA YOICHI [JP]; NAKAMURA SAYAKA [JP]; ITO KENJI [JP]; NISHINO YUDAI [JP]	JP20070315195 20071205; JP20080057017 20080306; WO2008JP71975 20081203	A61K35/32; C12N5/00	COMPOSITION FOR AUTOTRANSPLANTATION OR ALLOTTRANSPLANTATION USING DENTAL PULP STEM CELL, AND USE OF THE COMPOSITION

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US2011086375 A1 20110414	UNGRIN MARK [CA]; ZANDSTRA PETER [CA]	US20080528135 20080303; US20070892653P 20070302; US20070943351P 20070612; US20070974677P 20070924; WO2008CA00397 20080303	C12N5/071; C12M3/00; C12N5/073; C12N5/0735; C12N5/09; C12Q1/02	DEVICES AND METHODS FOR PRODUCTION OF CELL AGGREGATES
WO2011009878 A1 20110127	UNI INTERNAC DE CATALUNYA [ES]; AL- ATARI ABOU-ASI MAHER [ES]; CASALS FARRE NURIA [ES]; GINER TARRIDA LLUIS [ES]; FERRES PADRO EDUARDO [ES]	ES20090030488 20090721; US20090249846P 20091008	C12N5/074; C12N5/077	PLURIPOTENT STEM CELLS OBTAINED FROM DENTAL PULP
CN101984049 A 20110309	UNION STEM CELL & GENE ENGINEERING CO LTD	CN20101580537 20101209	C12N5/0775	Method for separating mesenchymal stem cells from dispose tissues

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CN101985612 A 20110316	UNION STEM CELL & GENE ENGINEERING CO LTD	CN20101580959 20101209	C12N5/0775	Method for preparing mesenchymal stem cells in large scale by utilizing bioreactor
CN102080065 A 20110601	UNION STEM CELL & GENE ENGINEERING CO LTD	CN20101580960 20101209	C12N5/0789	Culture system for amplification of hematopoietic stem cells of cord blood and applications thereof
EP2291510 A2 20110309	UNIV AARHUS [DK]	WO2009EP56443 20090527; DK20080000730 20080527; DK20080000726 20080527	C12M3/00; C12N5/00	BIOCOMPATIBLE MATERIALS FOR MAMMALIAN STEM CELL GROWTH AND DIFFERENTIATION

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AU2011201605 A1 20110428	UNIV ARIZONA STATE	AU20060282853 20060825; AU20110201605 20110408; WO2006US33366 20060825; US20050711249P 20050825	C12N5/074	Stem cell fusion model of carcinogenesis
IL181767 A 20110630	UNIV BONN [DE]	DE200410043256 20040907; WO2005EP09611 20050907	C12N5/0735	SCALABLE PROCESS FOR CULTIVATING UNDIFFERENTIATED STEM CELLS IN SUSPENSION
US2011027880 A1 20110203	UNIV BRIGHTON [GB]	GB20080000524 20080114; WO2009GB50024 20090114	C12N5/071	CELL CULTURE SYSTEM FOR PANCREATIC ISLANDS
EP2273268 A2 20110112	UNIV CALIFORNIA [US]	EP20030764084 20030711; US20020395382P 20020711; US20030406817 20030404	C12Q1/02; G01N33/50; A61K35/12; A61P25/00; A61P25/28; A61P27/02; C12N5/071; C12N5/079; C12N5/0797	Oligodendrocytes derived from human embryonic stem cells for remyelination and treatment of spinal cord injury

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011021466 A1 20110127	UNIV CALIFORNIA [US]	WO2009US36996 20090312; US20090922170 20090312; US20080036457P 20080313; US20080036868P 20080314; US20080108602P 20081027	A61K31/65; A61K31/353; A61P9/00; A61P9/10; A61P9/12; A61P25/00; C07C237/26; C12N5/071; C12Q1/68; C40B30/00; G01N33/53	USE OF EPICATECHIN AND DERIVATIVES AND SALTS THEREOF FOR CARDIAC PROTECTION OF ISCHEMIC MYOCARDIUM AND TO AMELIORATE ADVERSE CARDIAC REMODELING
US2011052548 A1 20110303	UNIV CALIFORNIA [US]	US20100869599 20100826; US20090237649P 20090827	A61K35/12; A61P25/00; C12N5/00; C12N5/02; C12N5/071; C12N5/0735; C12Q1/02	CELL CULTURE MEDIA TO DIFFERENTIATE EMBRYONIC STEM CELLS INTO NEURONAL LINEAGES
US2011052549 A1 20110303	UNIV CALIFORNIA [US]	US20100869616 20100826; US20090237651P 20090827	A61K35/30; A61K35/12; A61P25/28; C12N1/00; C12N5/07; C12N5/071; C12N5/0735; C12N5/0793; C12Q1/02	CELL CULTURE DEVICE TO DIFFERENTIATE STEM CELLS IN A SPECIFIC ORIENTATION

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WO2011068792 A2 20110609	UNIV CALIFORNIA [US]; CARRIER EWA [US]	US20090265486P 20091201	C12N5/0775; C07K14/505; C12N5/02; C12N5/0735	COMPOSITIONS AND METHODS FOR MAKING AND USING BONE MARROW MESENCHYMAL STEM CELLS AND ERYTHROID PROGENITOR CELLS
JP2011109987 A 20110609	UNIV CHIBA	JP20090270830 20091127	C12N5/0789	CRYOPRESERVATION AGENT OF BLOOD CELL
EP2324839 A1 20110525	UNIV COLUMBIA [US]	EP20010942041 20010605; US20000587441 20000605	A61K35/14; C12N15/09; A61K35/12; A61K35/28; A61K38/00; A61K38/19; A61K38/22; A61K38/27; A61K39/395; A61K45/00; A61K48/00; A61P3/10; A61P7/02; A61P7/04; A61P9/04; A61P9/08; A61P9/10; A61P25/28; A61P35/00; A61P43/00; C07K16/24; C07K16/28; C12N5/074; C12Q1/	Identification and use of human bone marrow- derived endothelial progenitor cells to improve myocardial function after ischemic injury

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011076773 A1 20110331	UNIV COLUMBIA [US]	US20100910346 20101022; US20040583369 20041217; US20030530555P 20031217; WO2004US42504 20041217	C12N15/87; A61K48/00; C12N5/071	Delivery of DNA or RNA via gap junctions from host cells to target cells and a cell-based delivery system for antisense or siRNA
WO2011038300 A1 20110331	UNIV COLUMBIA [US]; CORDON-CARDO CARLOS [US]; PETRYLAK DANIEL [US]; DOMENECH JOSEP [US]; MARTIN MIREIA CASTILLA [US]	US20090245584P 20090924	C12N5/095	CANCER STEM CELLS, KITS, AND METHODS

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US2011041857 A1 20110224	UNIV COLUMBIA [US]; UNIV NEW YORK STATE RES FOUND [US]; WORCHESTER POLYTECHNIC INST [US]	US20080744568 20081126; US20070004335P 20071126; WO2008US84876 20081126	A61B19/00; A61K35/12; A61P9/10; C12N5/02; C12N5/074; C12N5/10	FIBROBLAST DERIVED STEM CELLS
CA2725728 A1 20110524	UNIV CONNECTICUT [US]	US20090264170P 20091124; WO2010US58024 20101124	C12N5/077; A61K35/32; C12N5/0735; C12Q1/02; C12Q1/68	DIFFERENTIATION OF HUMAN EMBRYONIC AND INDUCED PLURIPOTENT STEM CELLS
WO2011048440 A1 20110428	UNIV DEGLI STUDI TORINO [IT]; BARATTA MARIO [IT]; MARTIGNANI EUGENIO [IT]; BRITISH COLUMBIA CANCER AGENCY [CA]; EAVES CONNIE J [CA]	WO2009IB54662 20091021	C12N5/071; C12N5/074	ISOLATED RUMINANT MAMMARY STEM CELL POPULATION AND USES THEREOF FOR PRODUCTION OF TRANSGENIC PROTEINS IN VIVO
WO2011065661 A2 20110603	UNIV DONGGUK IND ACAD COOP [KR]; IM GUN IL [KR]	KR20090117288 20091130	C12N5/07; A61F2/30; A61K35/32; C12N5/02	CHONDROGENESIS OF MESENCHYMAL STEM CELLS USING DKK-1 OR SFRP-1

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WO2011044918 A1 20110421	UNIV DUESSELDORF H HEINE [DE]; KOEGLER GESINE [DE]; KLUTH SIMONE MARIA [DE]	EP20080166605 20081014	C12N5/077	HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSCS)
EP2331676 A2 20110615	UNIV DUKE [US]	WO2009US05347 20090928; US20080100618P 20080926	C12N5/02; C12N5/071; C12N5/0789	HEMATOPOIETIC STEM CELL GROWTH FACTOR
WO2011029877 A1 20110317	UNIV EBERHARD KARLS [DE]; AICHER WILHELM [DE]; PILZ GREGOR- ALEXANDER [DE]; ULRICH CHRISTINE [DE]	DE200910041885 20090909	C12N5/0775; A61K35/28	SEPARATION OF MESENCHYMAL STEM CELLS
BRPI0904515 A2 20110524	UNIV FED DO RIO GRANDE DO SUL [BR]; UNIV FED DO RIO GRANDE FURG [BR]	BR2009PI04515 20090928	A61L15/28; A61L27/18; A61L27/56; C12N5/073	MATRIZES DE MICRO-E/OU NANOFIBRAS BIODEGRADÁVEIS PARA DESENVOLVIMENTO DE SUPORTE PARA CÉLULAS-TRONCO OU DIFERENCIADAS ORIUNDAS DE BIOPOLÍMEROS EXTRAÍDOS DE MICROALGA(S) E/OU CIANOBACTÉRIA(S)

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EP2271748 A2 20110112	UNIV FLORIDA [US]; BARTELMEZ STEPHEN H [US]	WO2009US37625 20090319; US20080038164P 20080320	C12N15/06; A61K35/14; A61K35/28; A61K35/44; C12N5/0789; C12N15/113	ENHANCING VESSEL LESION HOMING AND REPAIR POTENTIAL OF STEM CELLS
JP2011015630 A 20110127	UNIV FUKUI	JP20090161573 20090708	C12N5/10; C12N15/09	METHOD FOR INDUCING DIFFERENTIATION OF PLURIPOTENT STEM CELL INTO STEROID HORMONE PRODUCING CELL
KR20110041521 A 20110421	UNIV GIFU [JP]; UNIV KYOTO [JP]	US20080085308P 20080731	C12N5/074; C12N5/10	EFFICIENT METHOD FOR ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
WO2011041912 A1 20110414	UNIV HEALTH NETWORK [CA]; DICK JOHN [CA]; NOTTA FAIYAZ [CA]; DOULATOV SERGEI [CA]; LAURENT ELISA [CA]	US20090250174P 20091009	C12N5/0789; C12N5/078; C12N5/0784	SELF-RENEWING SINGLE HUMAN HEMATOPOIETIC STEM CELLS, AN EARLY LYMPHOID PROGENITOR AND METHODS OF ENRICHING THE SAME
CN102089426 A 20110608	UNIV HENRI POINCARÉ NANCY 1	WO2009EP57850 20090623; EP20080290599 20080624	C12N5/071	Cellular differentiation process and its use for blood vessel build-up
JP2011045269 A 20110310	UNIV HIROSAKI	JP20090195092 20090826	C12N5/07	METHOD FOR CULTURING STEM CELL AND/OR PRECURSOR CELL

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US2011144023 A1 20110616	UNIV HONG KONG [CN]	US20100967708 20101214; US20090286166P 20091214	A61K38/10; A61P7/04; A61P35/00; C12N5/00; C12Q1/02	Nano Cancer Barrier Device (NCBD) to Immobilize and Inhibit the Division of Metastatic Cancer Stem Cells
US2011150844 A1 20110623	UNIV HONG KONG [CN]	US20100966612 20101213; US20090286363P 20091214	A61K35/12; A61P17/00; C12N5/02	COMPOSITIONS AND METHODS FOR CONTROLLING PROLIFERATION AND DIFFERENTIATION OF CELLS
US2011044958 A1 20110224	UNIV ILLINOIS	US20090922417 20090316; US20080036808P 20080314; US20080049249P 20080430; WO2009US37299 20090316	A61K35/32; A61K35/12; C12N5/0775	ACTIVATED MESENCHYMAL STEM CELLS FOR THE PREVENTION AND REPAIR OF INFLAMMATORY STATES
CN101984062 A 20110309	UNIV JILIN	CN20101182404 20100526	C12N15/66; C12N5/10; C12N15/12; C12N15/63	Establishment of vitro transcription plasmids of 6 pig source key genes for maintaining self-renewal of stem cells
US2011008888 A1 20110113	UNIV JOHNS HOPKINS [US]	US20060884987 20060223; US20050655322P 20050223; WO2006US06661 20060223	C12N5/079; C12N5/071	Novel Genetic Approaches to Reduce or Inhibit Tumorigenicity of Human Embryonic Stem Cells and Derivatives Following Transplantation

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WO2011032166 A2 20110317	UNIV JOHNS HOPKINS [US]; CHENG LINZHAO [US]	US20100376620P 20100824; US20090242171P 20090914	C12N5/0789; C12N5/10; C12N15/85	REPROGRAMMING BLOOD CELLS TO PLURIPOTENT AND MULTIPOTENT STEM CELLS
WO2011046635 A1 20110421	UNIV JOHNS HOPKINS [US]; FEINBERG ANDREW PAUL [US]; DALEY GEORGE Q [US]	US20090251467P 20091014; US20100306707P 20100222	C12Q1/68; C12N5/074; C12N15/117	DIFFERENTIALLY METHYLATED REGIONS OF REPROGRAMMED INDUCED PLURIPOTENT STEM CELLS, METHOD AND COMPOSITIONS THEREOF
US2011008304 A1 20110113	UNIV KANSAS STATE [US]	US20080668281 20080709; US20070958753P 20070709; WO2008US69525 20080709	A61K35/12; A61K31/522; A61K38/00; A61K47/08; A61P37/00; C12N5/0789	USE OF CELLS TO FACILITATE TARGETED DELIVERY OF NANOPARTICLE THERAPIES
BRPI0708039 A2 20110517	UNIV KEIO [JP]	JP20060030997 20060208; WO2007JP50615 20070117	A61F2/14; A61L27/00; C12N5/071; C12N5/077; C12N5/0797	CÉLULAS ALIMENTADORAS DERIVADAS DE CÉLULAS-TRONCO DE TECIDO
EP2272948 A1 20110112	UNIV KEIO [JP]	WO2009JP57809 20090413; JP20080103867 20080411	A61L27/00; C12N5/077; G01N33/48; G01N33/53	METHOD FOR ISOLATION OF SMOOTH MUSCLE STEM CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
SG169359 A1 20110330	UNIV KEIO [JP]; DAIICHI SANKYO CO LTD	JP20060023770 20060131	C12N5/077	A METHOD FOR PURIFYING CARDIOMYOCYTES OR PROGRAMMED CARDIOMYOCYTES DERIVED FROM STEM CELLS OR FETUSES
WO2011016261 A1 20110210	UNIV KEIO [JP]; MATSUZAKI YUMI [JP]; NIBE KUNIMICHI [JP]; MORIKAWA SATORU [JP]; MABUCHI YO [JP]; NAGAI YASUO [JP]; OKANO HIDEYUKI [JP]	JP20090181009 20090803	C12N15/09; C12N5/07; C12N5/10	METHOD FOR ESTABLISHMENT OF PLURIPOTENT STEM CELL DERIVED FROM DIFFERENTIATED CELL
WO2011030825 A1 20110317	UNIV KEIO [JP]; NAKAJIMA HIDEAKI [JP]	JP20090209763 20090910	C12N5/02; C12N15/09	CULTURE METHOD FOR HEMATOPOIETIC STEM CELLS
EP2321406 A1 20110518	UNIV KEIO [JP]; UNIV KYOTO [JP]	WO2009JP03755 20090805; US20080086369P 20080805	C12N5/00; G01N33/48	METHOD FOR SELECTING SECONDARY NEUROSPHERE DERIVED FROM DIFFERENTIATED CELL-DERIVED PLURIPOTENT STEM CELL, CLONE SELECTED BY THE METHOD AND USE OF THE CLONE

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US2011159592 A1 20110630	UNIV KOREA RES & BUS FOUND [KR]	KR20090134966 20091230; KR20090134974 20091230; KR20090134976 20091230; KR20090134986 20091230	C12N5/0735; C12N15/85	COMPOSITION FOR REPROGRAMMING SOMATIC CELLS TO GENERATE INDUCED PLURIPOTENT STEM CELLS, COMPRISING Oct4 IN COMBINATION WITH Bmi1 OR ITS UPSTREAM REGULATOR, AND METHOD FOR GENERATING INDUCED PLURIPOTENT STEM CELLS USING THE SAME
JP2011115161 A 20110616	UNIV KUMAMOTO	JP20090254336 20091105; JP20100248665 20101105	C12N5/0735; C12N5/071; C12N5/10; C12N15/09; C12Q1/02	METHOD FOR INDUCING DIFFERENTIATION OF CELL
EP2288692 A1 20110302	UNIV KYOTO [JP]	WO2009JP62173 20090626; US20080076487P 20080627; US20080095573P 20080909; US20080194700P 20080930; US20080200307P 20081125; US20090209686P 20090310	C12N5/00; C12N5/074	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
EP2295541 A1 20110316	UNIV KYOTO [JP]	EP20060715194 20060303; JP20050060831 20050304	C12N5/074; A61K35/34; A61L27/00; A61P9/00; A61P41/00; A61P43/00; C12N5/071; C12N5/077	Pluripotent stem cell derived from cardiac tissue
KR20110036523 A 20110407	UNIV KYOTO [JP]	US20080084842P 20080730; US20080141177P 20081229; US20080203931P 20081230	C12N5/074; C12N5/10; C12N15/12	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS

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US2011003365 A1 20110106	UNIV KYOTO [JP]	US20100790050 20100528; US20090217284P 20090529	C12N9/90; C12N5/0735	METHOD OF PREPARING INDUCED PLURIPOTENT STEM CELLS DEPRIVED OF REPROGRAMMING GENE
WO2011007847 A1 20110120	UNIV KYOTO [JP]; KAGEYAMA RYOICHIRO [JP]; KOBAYASHI TAEKO [JP]; NAKATSUJI NORIO [JP]	JP20090168045 20090716	C12N5/0735; A61L27/00; C12N5/10; C12N15/09	METHOD FOR INDUCTION OF DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO NERVE CELLS
WO2011030915 A1 20110317	UNIV KYOTO [JP]; NAKAHATA TATSUTOSHI [JP]; TSUJI KOHICHIRO [JP]; MA FENG [JP]	US20090240376P 20090908	C12N5/0787; C12N5/071; C12N5/10	METHOD FOR PRODUCING MAST CELLS FROM PLURIPOTENT STEM CELLS
WO2011016588 A1 20110210	UNIV KYOTO [JP]; OKITA KEISUKE [JP]; NAKAGAWA MASATO [JP]; YAMANAKA SHINYA [JP]	US20090232402P 20090807; US20100307306P 20100223	C12N15/09; C12N5/10	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS
WO2011004911 A1 20110113	UNIV KYOTO [JP]; SAKURAI HIDETOSHI [JP]; SAKAGUCHI YASUKO [JP]; SEHARA ATSUKO [JP]	US20090270479P 20090709	C12N5/10; A61K35/12; A61P21/00; A61P21/04; C12N5/0735; C12N5/077	METHOD OF INDUCING DIFFERENTIATION FROM PLURIPOTENT STEM CELLS TO SKELETAL MUSCLE PROGENITOR CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011046189 A1 20110421	UNIV KYOTO [JP]; STEM CELL AND DRUG DISCOVERY INST; NAKATSUJI NORIO [JP]; AIBA KAZUHIRO; HONDA MAKOTO; WADA TAMAKI	JP20090238181 20091015	C12N15/00; C12N5/10; C12N15/09; C12Q1/02	MODEL CELLS OF NEURODEGENERATIVE DISEASE, PROCESS FOR PRODUCTION OF SAME, AND USE OF SAME
WO2011071118 A1 20110616	UNIV KYOTO [JP]; STEM CELL AND DRUG DISCOVERY INST; NAKATSUJI NORIO [JP]; UESUGI MOTONARI [JP]; MINAMI ITSUNARI; OTSUJI TOMOMI	JP20090279512 20091209	C12N5/071; A61K35/12; A61K35/34; A61L27/00; A61P9/00; C12N5/077	AGENT FOR PROMOTING DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO CARDIAC MUSCLE CELLS WHICH INCLUDES NITROVIN
WO2011019092 A1 20110217	UNIV KYOTO [JP]; TAKAHASHI JUN [JP]; MORIZANE ASUKA [JP]	US20090272055P 20090812; US20100282970P 20100430	C12N5/07	METHOD FOR INDUCING DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO NEURAL PRECURSOR CELLS
WO2011027908 A1 20110310	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; OHNUKI MARI [JP]	US20090239297P 20090902	C12N5/00	METHOD OF SELECTING SAFE PLURIPOTENT STEM CELLS
WO2011037270 A1 20110331	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; TANABE KOJI [JP]	US20090245478P 20090924	C12N5/10	METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011027901 A1 20110310	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; TANAKA TAKAYUKI [JP]	US20090238800P 20090901	C12N5/10	SELECTION METHOD OF INDUCED PLURIPOTENT STEM CELLS
WO2011040500 A1 20110407	UNIV KYUSHU NAT UNIV CORP [JP]; SUGIYAMA DAISUKE [JP]	JP20090224088 20090929	C07K7/08; C07K7/06; C07K16/18; C12N5/0789	PEPTIDE INHIBITING DIFFERENTIATION OF HEMATOPOIETIC STEM CELLS OR HEMATOPOIETIC PRECURSOR CELLS AND USE OF SAME
ES2352046T T3 20110215	UNIV LEIPZIG [DE]	EP20070018574 20070921	C12N5/02; C12N5/0789	MEDIO DE CULTIVO CELULAR Y PROCEDIMIENTO DE CULTIVO DE CELULAS MADRE Y CELULAS PROGENITOR.
CA2761231 A1 20110303	UNIV LELAND STANFORD JUNIOR [US]	US20090236085P 20090822; US20100332651P 20100507; WO2010US46343 20100823	G01N33/68; C12N5/073; G06K9/00; G06T7/00; G06T7/20	IMAGING AND EVALUATING EMBRYOS, OOCYTES, AND STEM CELLS
US2011076683 A1 20110331	UNIV LELAND STANFORD JUNIOR [US]	US20100875025 20100902; US20070579540 20070309; WO2004US40879 20041206; US20030527411P 20031205; US20040580176P 20040615	C12Q1/68; C12N5/095; C12Q1/02; C12Q1/04; G01N33/50; G01N33/574	Identification, Isolation and Elimination of Cancer Stem Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011075627 A1 20110623	UNIV LELAND STANFORD JUNIOR [US]; BLAU HELEN M [US]; BHUTANI NIDHI [US]; BRADY JENNIFER [US]; DAMIAN MARA [US]	US20090284519P 20091218	C12N5/00; C12N5/02	USE OF CYTIDINE DEAMINASE-RELATED AGENTS TO PROMOTE DEMETHYLATION AND CELL REPROGRAMMING
WO2011059972 A1 20110519	UNIV LELAND STANFORD JUNIOR [US]; PARK CHRISTOPHER Y [US]; PANG WENDY W [US]; WEISSMAN IRVING L [US]	US20090259929P 20091110	G01N33/53; C12N5/00	CELL SURFACE MARKER EXPRESSION IN HEMATOPOIETIC STEM CELLS AND PROGENITORS FOR THE DIAGNOSIS, PROGNOSIS, AND TREATMENT OF MYELODYSPLASTIC SYNDROMES
WO2011022507 A1 20110224	UNIV LELAND STANFORD JUNIOR [US]; REIJO PERA RENEE A [US]; BYRNE JAMES [US]	US20090276112P 20090821	C12N5/071	ENHANCED EFFICIENCY OF INDUCED PLURIPOTENT STEM CELL GENERATION FROM HUMAN SOMATIC CELLS

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CN101978046 A 20110216	UNIV LOUISVILLE RES FOUND [US]	WO2008US81832 20081030; US20070000954P 20071030; US20080079675P 20080710	C12N5/0735; A61K35/54; A61P7/02; A61P9/10; C12N5/074	Uses and isolation of very small embryonic-like (vsel) stem cells
US2011052529 A1 20110303	UNIV LOUISVILLE RES FOUND [US]	US20100823430 20100625; US20060635087 20061207; US20050748177P 20051208; US20060758391P 20060112; US20060799642P 20060512; US20060799643P 20060512	A61K38/20; A61K35/12; A61K35/28; A61K35/32; A61K35/39; A61K38/18; A61K38/19; A61K39/00; A61K39/395; A61P43/00; C12N5/02; C12N5/078; C12N5/0783; C12N5/0789	METHODS AND COMPOSITIONS FOR EXPANDING T REGULATORY CELLS
EP2281875 A1 20110209	UNIV LOUVAIN [BE]	EP20060819033 20061214; EP20050447286 20051221; WO2006EP10014 20061017; EP20100192665 20061214	C12N5/074	Isolated liver stem cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
ES2359874T T3 20110527	UNIV LOUVAIN [BE]	EP20050447286 20051221	C12N5/074	CELULAS MADRE HEPATICAS AISLADAS.
BRPI0613811 A2 20110215	UNIV MADRID AUTONOMA [ES]; CELLERIX S L [ES]	US20050167061 20050624; WO2006EP04605 20060516	C12N5/0775; A61K35/36; A61L27/38; A61P17/02	COMPOSIÇÃO CONTENDO CÉLULAS TRONCO ESTROMAIS DERIVADAS DE TECIDO ADIPOSE, SUPORTE, MÉTODO DE PREPARAÇÃO DE UMA COMPOSIÇÃO CONTENDO CÉLULAS TRONCO ESTROMAIS DERIVADAS DE TECIDO ADIPOSE, MÉTODO DE PREPARAÇÃO DE UM ADESIVO PARA O REPARO DE FÍSTULAS, MÉTODO D
EP2336297 A2 20110622	UNIV MASSACHUSETTS [US]	EP20000973905 20001027; US19990161987P 19991028	C12N5/00; C12Q1/02; A01K67/00; A61K35/54; A61K48/00; A61P1/00; A61P1/16; A61P3/06; A61P3/08; A61P9/00; A61P13/12; A61P17/02; A61P19/00; A61P25/00; C12N5/02; C12N5/0735; C12N5/10; C12N15/873; G01N33/50	Gynogenetic or androgenetic production of pluripotent cells and cell lines, and use thereof to produce differentiated cells and tissues
CA2688760 A1 20110301	UNIV MCMASTER [CA]	US20090238806P 20090901	C12N5/0735; C12Q1/02; C12Q1/68	TRANSFORMED HUMAN PLURIPOTENT STEM CELLS AND ASSOCIATED METHODS

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WO2011026221 A1 20110310	UNIV MCMASTER [CA]; BHATIA MICKIE [CA]; SACHLOS ELEFTHERIOS [CA]	US20090238796P 20090901	C12N11/00; C12N5/073; C12N11/02; C12Q1/02	METHODS OF CULTURING EMBRYOID BODIES
WO2011050470 A1 20110505	UNIV MCMASTER [CA]; BHATIA MICKIE [CA]; SZABO EVA [CA]; RAMPALLI-DESHPANDE SHRAVANTI [CA]; MUNOZ RISUENO RUTH [CA]; VIJAYARAGAVAN KAUSALIA [ES]	US20090256170P 20091029	C12N5/071; A61K35/12; C12N15/00; C12N15/867; C12Q1/02; C12Q1/68	GENERATING INDUCED PLURIPOTENT STEM CELLS AND PROGENITOR CELLS FROM FIBROBLASTS

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WO2011026222 A1 20110310	UNIV MCMASTER [CA]; BHATIA MICKIE [CA]; WERBOWETSKI-OGILVIE TAMRA [CA]; SACHLOS ELEFThERIOS [CA]; FISCHER RUSSELL DANIELA [CA]; LARONDE SARAH [CA]; LEE JUNGBOK [CA]; SZABO EVA [CA]; RISUENO RUTH M [CA]	US20090238806P 20090901; US20090238822P 20090901	C12N5/073; C12N5/071; C12Q1/02; C12Q1/68	TRANSFORMED HUMAN PLURIPOTENT STEM CELLS AND ASSOCIATED METHODS
EP2297305 A2 20110323	UNIV MIAMI [US]	WO2009US43885 20090514; US20080053462P 20080515	C12N5/0775; G01N33/567	ISOLATION OF STEM CELL PRECURSORS AND EXPANSION IN NON-ADHERENT CONDITIONS
US2011033928 A1 20110210	UNIV MICHIGAN [US]	US20100843468 20100726; US20090530126 20091130; WO2008US56252 20080307; US20070906012P 20070309	C12N5/073; C12N5/074; C12N5/0775; C12N5/078; C12N5/095	METHODS AND COMPOSITIONS FOR GROWTH OF CELLS AND EMBRYONIC TISSUE ON A SYNTHETIC POLYMER MATRIX

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US2011092452 A1 20110421	UNIV MICHIGAN [US]	US20090920755 20090305; US20080033889P 20080305; WO2009US36199 20090305	A61K31/70; A61K31/403; A61K31/4545; A61K31/505; A61P35/00; C12N5/00; G01N33/574	COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING PANCREATIC CANCER
US2011143430 A1 20110616	UNIV MICHIGAN [US]	US201113012139 20110124; US20090389143 20090219; US20040950784 20040927; US20030506111P 20030926	C12N5/00; C12N5/0789; G01N33/567	HEMATOPOIETIC STEM CELL IDENTIFICATION AND ISOLATION
SG169324 A1 20110330	UNIV MINNESOTA [US]	US20050726750P 20051014	C12N5/071; C12N5/074	DIFFERENTIATION OF NON-EMBRYONIC STEM CELLS TO CELLS HAVING A PANCREATIC PHENOTYPE
CN101978047 A 20110216	UNIV MINNESOTA [US]; UNIV LEUVEN KATH [BE]	WO2009US31528 20090121; US20080022121P 20080118	C12N5/071; C12N5/074	Stem cell aggregates and methods for making and using

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011111499 A1 20110512	UNIV NAGOYA NAT UNIV CORP [JP]	JP20080109002 20080418; WO2009JP57766 20090417	C12N5/077; C12N5/0775	MESENCHYMAL STEM CELL AND METHOD FOR PRODUCTION THEREOF
WO2011043147 A1 20110414	UNIV NAGOYA NAT UNIV CORP [JP]; YAMAMOTO TOKUNORI [JP]; KOIDE NAOSHI [JP]; TAKEI YOSHIFUMI [JP]; MATSUKAWA YOSHIHISA [JP]; FUNAHASHI YASUHITO [JP]; GOTOH MOMOKAZU [JP]	JP20090232068 20091006; JP20100056522 20100312	A61K35/12; A61P13/02; A61P15/10; A61P43/00; C12N5/0775	CELL PREPARATION FOR ERECTILE DYSFUNCTION OR URINARY INCONTINENCE CONTAINING ADIPOSE TISSUE DERIVED MESENCHYMAL STEM CELLS
KR20110008672 A 20110127	UNIV NAT CHONNAM IND FOUND [KR]	KR20090066138 20090721	C12N5/07; C12N5/02	PROCESS FOR INDUCING MOUSE EMBRYONIC STEM CELL PROLIFERATION USING LINOLEIC ACID

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KR20110054181 A 20110525	UNIV NAT CHONNAM IND FOUND [KR]	KR20090110740 20091117	C12N5/07; C07K14/47; C12N5/02	PROCESS FOR INDUCING EMBRYONIC STEM CELL PROLIFERATION USING CAVEOLIN-1
KR20110066443 A 20110617	UNIV NAT CHONNAM IND FOUND [KR]	KR20090123095 20091211	C12N5/071; A61K35/30; A61P25/00; C12N5/02	NEURAL DIFFERENTIATION OF HUMAN ADIPOSE TISSUE-DERIVED STEM CELLS
KR20110067680 A 20110622	UNIV NAT CHONNAM IND FOUND [KR]	KR20090124373 20091215	C12N5/02; C12N5/07	METHOD FOR PROTECTING EMBRYONIC STEM CELL OF MIDKINE BY SUPPRESSING HYPOXIA-INDUCED APOPTOSIS
TW201118172 A 20110601	UNIV NAT YANG MING [TW]	US20090627614 20091130	C12N5/0775; C12M3/02	Method for expanding mesenchymal stem cells in low-density and hypoxic culture

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WO2011046570 A1 20110421	UNIV NEW JERSEY MED [US]; SABAAY HATEM [US]	WO2009US61093 20091016	A61K48/00; C12N5/071	METHOD FOR TREATING CHRONIC NERVE TISSUE INJURY USING A CELL THERAPY STRATEGY
WO2011047289 A1 20110421	UNIV NEW JERSEY MED [US]; SABAAY HATEM [US]	US20090252389P 20091016	C12N5/0789; C12N5/02	CLOSED SYSTEM SEPARATION OF ADHERENT BONE MARROW STEM CELLS FOR REGENERATIVE MEDICINE APPLICATIONS
US2011070206 A1 20110324	UNIV NEW YORK STATE RES FOUND [US]	US20090919533 20090302; US20080032942P 20080229; WO2009US35777 20090302	C12N5/07; A61H1/00; A61K35/12; C12N5/0775; C12N5/10; C12Q1/02	METHODS OF APPLYING PHYSICAL STIMULI TO CELLS
WO2011072119 A2 20110616	UNIV NEW YORK STATE RES FOUND [US]; LEE TECHUNG [US]	US20100393197P 20101014; US20090285256P 20091210	C12N5/0775; A61K35/12; A61P9/00; C07K14/47; C12N5/02	STEM-CELL MATERIAL AND METHOD OF USE

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JP2011004607 A 20110113	UNIV NIHON	JP20090148337 20090623	C12N5/10; A61K35/12; A61K38/00; A61K48/00; A61P3/00; A61P3/06; A61P3/10; A61P9/12; C07K14/705; C12N15/09	NEW METHOD FOR MAINTAINING STEM CELL IN UNDIFFERENTIATED STATE
CN101955906 A 20110126	UNIV NORTH CAROLINA [US]	US20000176798P 20000119	C12N5/071; C12N15/09; A61K35/12; A61K35/407; A61P1/16; C12N5/00; C12N5/074	Liver tissue source
WO2011060349 A1 20110519	UNIV NORTH CAROLINA [US]; BIOMARCK PHARMACEUTICALS LTD [US]; BRODY ARNOLD R [US]; ADLER KENNETH B [US]; PARIKH INDU [US]	US20090261132P 20091113	A61K38/00; C12N5/00	METHODS OF MODULATING MESENCHYMAL STEM CELLS
WO2011053690 A1 20110505	UNIV NORTH CAROLINA [US]; REID LOLA M [US]; WANG YUNFANG [CN]; CARDINALE VINCENZO [IT]; GAUDIO EUGENIO [IT]; CARPINO GUIDO [IT]; ALVARO DOMENICO [IT]; CUI CAI-BIN [US]	US20090256846P 20091030	C12N5/071	MULTIPOTENT STEM CELLS FROM THE EXTRAHEPATIC BILLARY TREE AND METHODS OF ISOLATING SAME
WO2011058300 A2 20110519	UNIV NOTTINGHAM [GB]; UNIV MANCHESTER [GB]; SHARP TYSON VALENTINE [GB]; MCKAY TRISTAN ROWNTREE [GB]	GB20090019773 20091112	C12N5/074	INDUCED PLURIPOTENT STEM CELL

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JP2011087591 A 20110506	UNIV OF NORTH CAROLINA AT CHAPEL HILL; INCARA CELL TECHNOLOGIES INC	US20020365361P 20020315	C12N5/071; A61K35/12; A61K35/407; A61K35/48; A61P1/16; C12N5/0789; C12N5/10	PRIMITIVE AND PROXIMAL HEPATIC STEM CELLS
JP2011078416 A 20110421	UNIV OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; UNIV CALIFORNIA [US]	US19990123711P 19990310; US19990162462P 19991029	C12N5/071; C12N5/0775; A61K35/12; A61L27/00; A61P9/00; A61P17/02; C12N5/00; C12N5/10; C12N15/09; C12N15/63; C12P21/02	ADIPOSE-DERIVED STEM CELLS AND LATTICES
WO2011024550 A1 20110303	UNIV OSAKA [JP]; EGUSA HIROSHI [JP]; YATANI HIROFUMI [JP]; KAYASHIMA HIROKI [JP]	JP20090200932 20090831	C12N5/10; A61K35/12; A61L27/00; A61P43/00	METHOD FOR EFFICIENT PRODUCTION OF INDUCED PLURIPOTENT STEM CELLS UTILIZING CELLS DERIVED FROM ORAL MUCOSA

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WO2011049099 A1 20110428	UNIV OSAKA [JP]; MORI MASAKI [JP]; NAGAI KENICHI [JP]; TOMIMARU YOSHITO [JP]; MIYOSHI NORIKATSU [JP]; HOSHINO HIROMITSU [JP]; ISHII HIDESHI [JP]	JP20090241322 20091020	C12N15/09; C07K16/30; C12N5/10; C12Q1/02	METHOD FOR PRODUCING CANCER STEM CELL
JP2011087475 A 20110506	UNIV OSAKA [JP]; NATL INST RADIOLOGICAL SCIENCE	JP20090241605 20091020	C12Q1/04; C12N5/10; C12N15/09; G01N33/48	METHOD FOR IDENTIFYING UNDIFFERENTIATED CELL
WO2011043405 A1 20110414	UNIV OSAKA [JP]; UNIV KYOTO [JP]; SEKIGUCHI KIYOTOSHI [JP]; FUTAKI SUGIKO [JP]; TANIGUCHI YUKIMASA [JP]; HAYASHI MARIA [JP]; NAKATSUJI NORIO [JP]; MIYAZAKI TAKAMICHI [JP]; KAWASE EIHACHIRO [JP]; SUEMORI HIROFUMI [JP]	JP20090234583 20091008	C12N5/00; C12N5/07	CULTURE SUBSTRATUM FOR HUMAN PLURIPOTENT STEM CELLS, AND USE THEREOF

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US2011014214 A1 20110120	UNIV PENNSYLVANIA [US]	US20070087949 20070119; US20060760856P 20060120; WO2007US01638 20070119	A61K39/395; A61K31/7088; A61K31/7105; A61K38/02; A61P35/02; C12N5/078; C12Q1/68; G01N33/68	Diagnostic and Therapeutic Utility of Tribbles-2 in Human Cancers
CN101935635 A 20110105	UNIV PLA 2ND MILITARY MEDICAL	CN20101241901 20100730	C12N5/0775	In vitro amplification method of human marrow pluripotent stem cells and method for directionally differentiating same into dopaminergic neuron
CN101948802 A 20110119	UNIV PLA 3RD MILITARY MEDICAL	CN20101268449 20100831	C12N5/0775	Method for sorting human articular cartilage CD105+/CD166+ mesenchymal stem cells by using immunomagnetic beads
CN101979520 A 20110223	UNIV PLA 3RD MILITARY MEDICAL	CN20101292283 20100926	C12N7/01; C12N5/10; C12N15/113; C12N15/12; C12N15/861	Core-binding factor alpha1 gene recombinant virus for specifically promoting cartilage differentiation, preparation method and application thereof
CN101970642 A 20110209	UNIV QUEENSLAND	WO2008AU01308 20080903; AU20070904793 20070904; AU20080900955 20080227	C12N5/0735	A feeder cell-free culture medium and system

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US2011052546 A1 20110303	UNIV SOUTH FLORIDA [US]	US20100689167 20100118; US20040709801 20040528; US20010955174 20010919; WO2008US77940 20080926; US20030320233P 20030528; US20010314099P 20010823; US20000233661P 20000919; US20070975477P 20070926	A61K35/12; A61P9/00; A61P25/00; A61P35/00; C12N5/074	Inhibition of SHIP to Enhance Stem Cell Harvest and Transplantation
US2011039333 A1 20110217	UNIV SOUTHERN CALIFORNIA [US]	US20100855578 20100812; US20090233403P 20090812	C12N5/0735	DEFINED CONDITIONS FOR HUMAN EMBRYONIC STEM CELL CULTURE AND PASSAGE
US2011052670 A1 20110303	UNIV SOUTHERN CALIFORNIA [US]	US20100828488 20100701; US20030404714 20030331; US20000619865 20000720; US19990144786P 19990720	A61K9/127; A61K35/12; A61P43/00; C12N5/0775; C12N5/0789	IDENTIFICATION OF A PLURIPOTENT PRE- MESENCHYMAL, PRE-HEMATOPOIETIC PROGENITOR CELL

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WO2011014824 A1 20110203	UNIV SOUTHERN CALIFORNIA [US]; CHEN MEI [US]; WOODLEY DAVID [US]	US20090230600P 20090731	C12N5/077; C07K14/78; C12N5/0775	USE OF COLLAGEN TYPE VII FOR MAINTAINING AND RE-INDUCING OSTEOGENIC ABILITIES OF MESENCHYMAL STEM CELLS
WO2011019957 A1 20110217	UNIV SOUTHERN CALIFORNIA [US]; KAHN MICHAEL [US]; HASEGAWA KOUICHI [US]; TEO JIA-LING [US]; MCMILLAN MICHAEL [US]; YASUDA SHINYA [US]	US20090233418P 20090812	C12N5/074	METHOD FOR FORMATION OF INDUCED PLURIPOTENT STEM CELLS
WO2011041062 A1 20110407	UNIV SOUTHERN CALIFORNIA [US]; MAXSON ROBERT E JR [US]; ISHII MAMORU [US]	US20090248302P 20091002; US20100322742P 20100409	C12N5/079; C12N5/0797	CRANIAL NEURAL CREST STEM CELLS AND CULTURE CONDITION THAT SUPPORTS THEIR GROWTH
CN101974485 A 20110216	UNIV SUZHOU	CN20101542499 20101112	C12N5/0775; A61K35/12; A61P9/00; A61P19/00; A61P21/00; A61P25/00	Method for preparing mesenchymal stem cells with optimum transfer ability and application thereof
CN101974487 A 20110216	UNIV SUZHOU	CN20101542423 20101112	C12N5/0797; A61K35/12; A61P9/00; A61P19/00; A61P21/00; A61P25/00	Method for preparing neural stem cells with highest migration efficiency and application thereof

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WO2011062013 A1 20110526	UNIV TOKUSHIMA [JP]; ITO KOHJI [JP]; TSUJI DAISUKE [JP]; TAKAISHI YOSHIHISA [JP]; KASHIWADA YOSHIKI [JP]	JP20090262542 20091118	C12N5/0797; A61K35/30; A61P43/00; C12N5/0789; C12Q1/02; G01N33/15; G01N33/50	INDUCER OF SELECTIVE DIFFERENTIATION INTO NEURAL STEM CELLS AND/OR NEURAL PRECURSOR CELLS
GB2475656 A 20110525	UNIV TOKYO [JP]	WO2009JP64676 20090821; JP20080214711 20080822; JP20090040045 20090223	A01K67/027; A61L27/38; C12N5/10; C12N15/09	Organ regeneration method utilizing iPS cell and blastocyst complementation
WO2011071085 A1 20110616	UNIV TOKYO [JP]; NAKAUCHI HIROMITSU [JP]; KAMIYA AKIHIDE [JP]; SUZUKI NAO [JP]; ITO KEIICHI [JP]; YAMAZAKI SATOSHI [JP]	US20090267566P 20091208	C12N5/07	METHOD FOR PRODUCING CELLS INDUCED TO DIFFERENTIATE FROM PLURIPOTENT STEM CELLS
JP2011030448 A 20110217	UNIV TOYAMA; NAT CT FOR GLOBAL HEALTH & MEDICINE	JP20090177159 20090730	A01K67/027; C12N5/10; C12N15/09; C12Q1/02; C12Q1/68; G01N33/15; G01N33/50	TRANSGENIC NONHUMAN MAMMAL AND USE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
ES2357387 A1 20110426	UNIV VALLADOLID [ES]; UNIV LEON; FUNDACION CLINICA SAN FRANCISCO DE LEON	ES20090030389 20090630	C12N5/071; A61L27/38	GEL DE FIBRINA QUE CONTIENE FIBROPLASTOS Y CELULAS EPITELIALES DEL LIMBO ESCLEROCORNEAL PARA BIOINGENIERIA DE LA SUPERFICIE OCULAR (CORNEA, CONJUNTIVA Y LIMBO ESCLEROCORNEAL).
US2011076254 A1 20110331	UNIV WASHINGTON [US]	US20100892720 20100928; US20090246442P 20090928	A61K35/12; A61P3/10; A61P9/00; A61P19/02; A61P25/16; A61P25/28; A61P35/02; C12N5/0735	POROUS SCAFFOLDS FOR STEM CELL RENEWAL
CN101948798 A 20110119	UNIV ZHEJIANG	CN20101273878 20100907	C12N5/0735	Method for separating and purifying human amniotic fluid-derived mesenchymal stemcells
CN101984051 A 20110309	UNIV ZHONGSHAN	CN20101552225 20101119	C12N5/095	Serum-free cell culture fluid suitable for enriching and culturing tumour stem cells

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CN102099463 A 20110615	US AGRICULTURE	WO2009US42344 20090430; US20080154631 20080523	A61F2/02; C12N5/02; C12N5/074; C12N11/00; G01N33/15	Immortal unipotent porcine picm- 19h and picm-19b stem cell lines
US2011004947 A1 20110106	US DEPT VETERANS AFFAIRS	US20100879842 20100910; US20060452873 20060613; US20050690696P 20050614	A01K67/00; C07H21/04; C12N5/071; C12N5/0783; C12N15/00; G01N33/53	COMPOSITIONS AND METHODS FOR OSTEOGENIC GENE THERAPY
WO2011028880 A2 20110310	US HEALTH [US]; KO MINORU S H [US]; ZALZMAN MICHAL [US]; SHAROVA LIOUDMILA V [US]	US20090275983P 20090904	C12N5/0735; C12N5/02; C12N5/10; C12N15/12	METHODS FOR ENHANCING GENOME STABILITY AND TELOMERE ELONGATION IN EMBRYONIC STEM CELLS

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US2011052547 A1 20110303	US OF AMERICA AS REPRESENTED BY THE SECRETARY DEPT OF HEALTH & HUMAN SERVICES [US]; UNIV PENNSYLVANIA [US]	US20100750374 20100330; US20050298313 20051209; WO2004US18609 20040610; US20030481913 20031223; WO2002US20415 20020626; US20040488196 20040227; WO2002US27824 20020829; US20040494540 20040429; WO2002US35240 20021031; US20030478736P 20030612; US20010302936P	A61K35/26; A61P35/00; A61P35/02; C12N5/0783	RAPAMYCIN-RESISTANT T CELLS AND THERAPEUTIC USES THEREOF
US2011142806 A1 20110616	USA AS REPRESENTED BY THE ADMINISTRATOR OF THE NAT AERONAUTICS AND SPACE ADM [US]	US20100969076 20101215; US20090286484P 20091215	A61K35/12; A61P25/00; A61P37/00; B29C47/00; C12N5/071; C12N13/00	Electroactive Scaffold
US2011104183 A1 20110505	VIB VZW [BE]; UNIV GENT [BE]	US20090735984 20090226; US20080067511P 20080227; WO2009EP52304 20090226	A61K39/395; A61K31/7105; A61P35/00; C12N5/095; C12Q1/68; G01N33/574	USE OF SIP1 AS DETERMINANT OF BREAST CANCER STEMNESS

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EP2326711 A2 20110601	VIRXSYS CORP [US]	WO2009US54375 20090820; US20080090348P 20080820	C12N5/074; C12N15/63	COMPOSITIONS AND METHODS FOR GENERATION OF PLURIPOTENT STEM CELLS
EP2297298 A2 20110323	VISTAGEN THERAPEUTICS INC [US]	WO2009US43508 20090511; US20080052155P 20080509; US20080061070P 20080612	C12N5/07; C12N5/071; C12Q1/68	PANCREATIC ENDOCRINE PROGENITOR CELLS DERIVED FROM PLURIPOTENT STEM CELLS
WO2011062963 A2 20110526	VITRO DIAGNOSTICS INC [US]; MUSICK JAMES [US]	US20090261967P 20091117; US20100304875P 20100216	C12N5/074; A61K35/12; C12N5/02; C12N5/0775	INDUCED PURIPOTENT STEM CELLS AND RELATED METHODS
CA2677139 A1 20110227	VOON GERARD [CA]	CA20092677139 20090827	C12N5/071; C12N5/00	LIFE SCIENCES TECHNOLOGIES

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US2011014696 A1 20110120	WALDMANN HERMAN [GB]; FAIRCHILD PAUL J [GB]; GARDNER RICHARD [GB]; BROOK FRANCES [GB]	US20100841064 20100721; GB19980024306 19981105; US20080326831 20081202; US20070789669 20070424; US20010849499 20010504; WO1999GB03653 19991105	C12N5/071; C12N5/02; C12N5/073; C12N5/0784	METHOD FOR PRODUCING DENDRITIC CELLS
WO2011054100 A1 20110512	WANG LISHENG [CA]; MOHIB KANISHKA [CA]; ALLAN DAVID [CA]; LL LI [CA]	US20090258300P 20091105	A61K35/12; A61P37/02; C12N5/071; C12N5/0735	STEM CELL EXTRACTS AND USES THEREOF FOR IMMUNE MODULATION
IL179022 A 20110228	WICELL RES INST INC [US]	US20040573545P 20040521; WO2005US17931 20050520	C12N5/0735	METHOD FOR CULTURING HUMAN EMBRYONIC STEM CELLS IN A FEEDER INDEPENDENT CULTURE
IL169901 A 20110630	WISCONSIN ALUMNI RES FOUND [US]	US20030445606P 20030207; WO2004US03581 20040206	C12N5/02; C12N5/0735; C12N15/87; C12N15/90	DIRECTED GENETIC MODIFICATIONS OF HUMAN STEM CELLS
IL177599 A 20110228	WISCONSIN ALUMNI RES FOUND [US]	US20040559209P 20040401; WO2005US10766 20050331	C12N5/071	DIFFERENTIATION OF PRIMATE STEM CELLS FOR CELLS OF ENDODERM AND PANCREATIC LINEAGES

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IL178662 A 20110228	WISCONSIN ALUMNI RES FOUND [US]	US20040569500P 20040507; WO2005US16137 20050506	C12N5/077; C12N5/0775	METHOD OF FORMING MESENCHYMAL STEM CELLS FROM EMBRYONIC STEM CELLS
IL181438 A 20110428	WISCONSIN ALUMNI RES FOUND [US]	US20040608040P 20040908; US20050695100P 20050629; WO2005US31839 20050908	C12N5/0735	FEEDER-CELL FREE METHOD AND MEDIUM FOR CULTURING HUMAN EMBRYONIC STEM CELLS
IL198450 A 20110131	WISCONSIN ALUMNI RES FOUND [US]	US20030498831P 20030829; US20030499570P 20030902; WO2004US27841 20040827	C12N5/02; C12N5/0793	POPULATIONS OF SYNCHRONIZED NEURAL STEM CELLS AND METHODS OF PRODUCING THE SAME
US2011117135 A1 20110519	WISCONSIN ALUMNI RES FOUND [US]	US20100876830 20100907; US20060443608 20060531; US20050686145P 20050601	A61K39/00; A61P35/00; A61P37/04; C12N5/071; C12N5/0784	Method of Forming Dendritic Cells from Embryonic Stem Cells

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WO2011028524 A1 20110310	WISCONSIN ALUMNI RES FOUND [US]; GAMM DAVID M [US]; MEYER JASON S [US]	US20090274962P 20090824	C12N5/0793; C12N5/0735; C12N5/074; C12N5/079; C12N5/0797	SUBSTANTIALLY PURE HUMAN RETINAL PROGENITOR, FOREBRAIN PROGENITOR, AND RETINAL PIGMENT EPITHELIUM CELL CULTURES AND METHODS OF MAKING THE SAME
WO2011060342 A2 20110519	WISCONSIN ALUMNI RES FOUND [US]; KAMP TIMOTHY J [US]; ZHANG JIANHUA [US]; AZARIN SAMIRA [US]; PALECEK SEAN [US]; LIAN XIAOJUN [US]	US20090261054P 20091113	C12N5/077	CARDIAC DIFFERENTIATION OF HUMAN PLURIPOTENT STEM CELLS UNDER DEFINED CONDITIONS USING MATRIX OVERLAY METHODS
WO2011017337 A2 20110210	WISCONSIN ALUMNI RES FOUND [US]; ZHANG SU- CHUN [US]; ZHANG XIAOQING [CN]	US20090273373P 20090803; US20090273690P 20090806	C12N5/079	CONTROLLING THE POTENTIAL OF PRIMATE NEURAL STEM CELLS BY REGULATING PAX6
US2011020930 A1 20110127	WISE GARY E [US]; YAO SHAOMIAN [US]	US20100842754 20100723; US20090228245P 20090724	C12N5/074; C12N5/02	Enrichment of Stem Cells from Adult Tissues
US2011123533 A1 20110526	WONG ALBERT J [US]	US20090866719 20090212; US20080065589P 20080212; WO2009US00954 20090212	A61K39/395; A61P35/00; C07K16/30; C12N5/095; G01N33/53	Using EGFRvIII to Identify and Target Cancer Stem Cells

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US2011093020 A1 20110421	WU YANGGUAN [US]	US20100807785 20100914; US20090276499P 20090914	A61B17/86; A61K9/14; A61K35/12; A61P19/08; C07K14/51; C12N5/0789	Poly-porous hollow screw for target delivery of growth factors and stem cells:the design and potential clinical application
CN101940589 A 20110112	WUXI ZHIYU BIO TECHNOLOGY CO LTD	CN20101252600 20100813	A61K35/12; A61K38/18; A61K38/30; A61P7/00; A61P9/06; A61P9/10; A61P25/00; A61P25/08; A61P25/14; A61P25/16; A61P25/28; C12N5/0775	Medicament for preventing and treating neurologic damage and related diseases thereof
US2011097308 A1 20110428	XIA LIJUN [US]; MCEVER RODGER P [US]	US20100948489 20101117; US20100707481 20100217; US20060448359 20060607; US20040769686 20040130; US20030463788P 20030418	C12N5/071; A61K35/12; C12N5/00; C12N5/078; C12N5/0789	STEM CELLS TREATED BY IN VITRO FUCOSYLATION AND METHODS OF USE
US2011033923 A1 20110210	XINTELA AB	US20100787224 20100525; SE20020001831 20020614; US20050517210 20050309; WO2003SE00983 20030612; US20020388298P 20020614	C12N5/0775; C12Q1/68; G01N33/53; G01N33/567; G01N33/569	MARKER FOR STEM CELLS AND ITS USE

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US2011014702 A1 20110120	XU JEAN [US]	US20100839041 20100719; US20090226936P 20090720	C12N5/02	Differentiation of Human Embryonic Stem Cells
US2011151560 A1 20110623	XU JEAN [US]	US20100970330 20101216; US20090289671P 20091223	C12N5/071	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS
US2011014703 A1 20110120	XU JEAN [US]; JENSEN JAN [US]	US20100839551 20100720; US20090226929P 20090720	C12N5/00	Differentiation of Human Embryonic Stem Cells
US2011104122 A1 20110505	YAMASHITA JUN [JP]; YAN PEISHI [JP]	US20080452531 20080829; US20080064777P 20080326; WO2008JP66033 20080829	A61K35/34; A61P9/00; A61P9/10; C12N5/071; C12N5/0735; C12N5/10; C12Q1/02	EFFICIENT PRODUCTION AND USE OF HIGHLY CARDIOGENIC PROGENITORS AND CARDIOMYOCYTES FROM EMBRYONIC AND INDUCED PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011039791 A1 20110217	YISSUM RES DEV CO [IL]; MEDICAL RES FUND AT THE TEL AVIV SOURASKY MEDICAL CT [IL]	US20100889564 20100924; IL20040160376 20040212; US20070589116 20070501; WO2005IL00185 20050210	A61K38/16; A61K38/46; A61P19/02; A61P29/00; A61P37/00; C12N5/00	ACETYLCHOLINESTERASE (ACHE)- DERIVED PEPTIDE AS AN INDUCER OF GRANULOCYTOPOIESIS, USES AND METHODS THEREOF
US2011104125 A1 20110505	YU JUNYING [US]	US20100939454 20101104; US20090258120P 20091104	A61K35/12; A61P3/10; A61P25/00; A61P25/28; C12N5/071; C12N5/10	EPISOMAL REPROGRAMMING WITH CHEMICALS
US2011151554 A1 20110623	YUO AKIRA [JP]; TOBE KUMIKO [JP]; SAEKI KOICHI [JP]; NAKAHARA MASAKO [JP]; NAKAMURA NAOKO [JP]; YOGISASHI YOSHIKO [JP]; MATSUYAMA SATOKO [JP]; YONEDA ASAKO [JP]	JP20060303929 20061109; WO2007JP71811 20071109	C12N5/0735; C12N5/071; C12N5/078; C12N5/0789	METHOD FOR CULTURING AND SUBCULTURING PRIMATE EMBRYONIC STEM CELL, AS WELL AS METHOD FOR INDUCING DIFFERENTIATION THEREOF
US2011117061 A1 20110519	ZHANG CHENGCHENG [US]; LODISH HARVEY [US]	US20080598770 20080502; US20070927668P 20070504; US20070014006P 20071214; WO2008US62365 20080502	A61K35/12; A61P7/00; C12N5/00; C12N5/071; C12N5/0789	Ex Vivo Expansion of Human Hematopoietic Stem Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011136230 A1 20110609	ZHANG CHENGCHENG [US]; LODISH HARVEY [US]	US20100830709 20100706; US20050255191 20051020; US20040620509P 20041020	C12N5/00; C12N5/0789	Cultured Hematopoietic Stem Cells and Method for Expansion and Analysis Thereof
CN101948803 A 20110119	ZHONGSHAN OPHTHALMIC CT SUN YAT SEN UNIVERSITY	CN20101282388 20100913	C12N5/0775	Human epidermal derived mesenchymal stem cell-like pluripotent cells and preparation method thereof
Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR101022349B B1 20110322		KR20047006637 20021030	C12N5/10; C12N5/07	Method of inducing differentiation of mesodermal stem cells, ES cells or immortalized cells into nervous system cells
KR20110045760 A 20110504		KR20090102458 20091027	C12N5/071; A61K35/48; C12N5/02	Method for producing mesenchymal stem cells from human pluripotent stem cells and mesenchymal stem cells produced by thereof
KR20110046298 A 20110504		KR20100102987 20101021	C12M1/10; C12M1/12; C12N5/0775; C12Q1/24	

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20110048461 A 20110511		KR20100105000 20101027	C12N5/02; B82B3/00; C12N5/07; C12N15/87	
AU2011202123 A1 20110526	ABT HOLDING COMPANY [US]	AU20080203103 20080714; AU20110202123 20110509; AU20000076115 20000925	C12N5/07; A61K35/12; A61K48/00; G01N33/50	Pluripotent embryonic-like stem cells, compositions, methods and uses thereof
JP2011103885 A 20110602	ABT HOLDING COMPANY [US]	US19990404895 19990924; US20000668508 20000922	C12N5/071; C12N5/10; A61K35/12; A61K38/27; A61K45/00; A61K48/00; A61L27/00; A61P43/00; C12N5/00; C12N5/06; C12N5/08; C12Q1/02; C12Q1/68; G01N33/15; G01N33/50	PLURIPOTENT EMBRYONIC-LIKE STEM CELL, AND COMPOSITION, METHOD, AND USE THEREOF
US2011020293 A1 20110127	ABT HOLDING COMPANY [US]	US20100840722 20100721; US20090227309P 20090721	A61K35/12; A61P29/00; C12N5/02; C12Q1/04; C40B50/06	Use of Stem Cells to Reduce Leukocyte Extravasation

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011064701 A1 20110317	ABT HOLDING COMPANY [US]	US20100799384 20100423; US20050029763 20050105; US20010820320 20010328; US20000668508 20000922; US19990404895 19990924	A61K35/12; A61P43/00; C12N5/0735; C12N5/074; C12N5/0775; C12N5/10; C12N15/85; C12Q1/68; G01N33/566	Pluripotent embryonic-like stem cells, compositions, methods and uses thereof
WO2011011477 A1 20110127	ABT HOLDING COMPANY [US]; VAN T HOF WOUTER [US]	US20090227311P 20090721	C12N5/071	USE OF STEM CELLS TO REDUCE LEUKOCYTE EXTRAVASATION
EP2302034 A2 20110330	ADVANCED CELL TECH INC [US]	EP20060789485 20060803; US20050705625P 20050803; US20050729173P 20051020; US20060818813P 20060705	C12N5/071	Improved methods of reprogramming animal somatic cells
IL176641 A 20110228	ADVANCED CELL TECH INC [US]	US20040534447P 20040102; US20040539796P 20040128; WO2005US00103 20050103	C12N5/00; C12N5/02; C12N5/0735; C12N5/10; C12N15/00; C12N15/873	METHOD OF CULTURING MAMMALIAN PLURIPOTENT STEM CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20110006705 A 20110120	ADVANCED CELL TECH INC [US]	US20080126803P 20080506; US20080189491P 20080819; US20080190282P 20080826	C12N5/078; C07K14/475; C12N5/0735; C12N5/074; C12N5/0775; C12N5/0789	METHODS FOR PRODUCING ENUCLEATED ERYTHROID CELLS DERIVED FROM PLURIPOTENT STEM CELLS
US2011117062 A1 20110519	ADVANCED CELL TECH INC [US]	US20100857866 20100817; US20060490953 20060721; WO2005US02273 20050124; US20040538964P 20040123	A61K35/12; A01N63/00; A61K35/44; A61K48/00; A61P27/00; C12N5/071; C12N5/0793	Methods For Producing Enriched Populations of Human Retinal Pigment Epithelium Cells
US2011117063 A1 20110519	ADVANCED CELL TECH INC [US]	US20100857911 20100817; US20050041382 20050124; US20040538964P 20040123	A61K35/12; A01N63/00; A01N65/00; A61K35/44; A61K48/00; A61P27/02; C12N5/071; C12N5/0793	Methods For Producing Enriched Populations of Human Retinal Pigment Epithelium Cells For Treatment of Retinal Degeneration
WO2011063005 A2 20110526	ADVANCED CELL TECH INC [US]; MALCUIT CHRISTOPHER [US]; LEMIEUX LINDA [US]; HOLMES WILLIAM [US]; HUERTAS PEDRO [US]; VILNER LUCY [US]	US20090262002P 20091117	C12N5/071; A61K35/44; A61P27/02; C12N5/02; C12N5/0735	METHODS OF PRODUCING HUMAN RPE CELLS AND PHARMACEUTICAL PREPARATIONS OF HUMAN RPE CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011117169 A1 20110519	AFFINERGY INC [US]	US20100949767 20101118; US20090262353P 20091118; US20100368849P 20100729; US20100370723P 20100804	A61K9/00; A61K35/12; A61P17/02; C12M1/00; C12N5/071; C12N5/073; C12N5/078	METHODS AND COMPOSITIONS FOR CAPTURE OF CELLS
EP2271747 A2 20110112	AGENCY SCIENCE TECH & RES [SG]	US20080069694P 20080317; WO2009SG00088 20090317; US20090148064P 20090129; US20080110256P 20081031; US20090155940P 20090227	C12N5/00; C12N5/0735; C12N5/0789	MICROCARRIERS FOR STEM CELL CULTURE
EP2331675 A1 20110615	AGENCY SCIENCE TECH & RES [SG]	WO2009SG00346 20090917; SG20080006945 20080918; US20090178204P 20090514; US20090225675P 20090715	C12N5/00; A61K35/12; G01N33/53	MARKERS OF INDUCED PLURIPOTENT STEM CELLS
SG170065 A1 20110429	AGENCY SCIENCE TECH & RES [SG]	US20060778913P 20060306	C12N5/0735	HUMAN EMBRYONIC STEM CELL METHODS AND PODXL EXPRESSION

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US2011003008 A1 20110106	AGENCY SCIENCE TECH & RES [SG]	US20090918122 20090221; US20080066671P 20080222; WO2009SG00062 20090221	A61K35/12; A61P9/10; A61P17/00; A61P25/28; A61P35/00; C12N1/00; C12N5/0775	MESENCHYMAL STEM CELL PARTICLES
US2011008298 A1 20110113	AGENCY SCIENCE TECH & RES [SG]	US20100888724 20100923; US20080065549 20080303; WO2006SG00233 20060815; US20050713992P 20050902	A61K35/12; A61P3/10; A61P25/16; A61P25/28; A61P35/00; C12N5/00; C12N5/0775; C12Q1/02	METHOD OF DERIVING PROGENITOR CELL LINE
US2011111498 A1 20110512	AGENCY SCIENCE TECH & RES [SG]	US20100949172 20101118; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20100917210 20101101; US20100917268 20101101; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/0789; C12N5/0735	Microcarriers for Stem Cell Culture

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011129919 A1 20110602	AGENCY SCIENCE TECH & RES [SG]	US20100917210 20101101; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/071; C12N5/079; C12N5/0793	Microcarriers for Stem Cell Culture
US2011143433 A1 20110616	AGENCY SCIENCE TECH & RES [SG]	US20100917268 20101101; US20100921599 20100909; WO2009SG00088 20090317; US20090497591 20090703; US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	C12N5/0775	Microcarriers for Stem Cell Culture

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011078799 A1 20110630	AGENCY SCIENCE TECH & RES [SG]; COOL SIMON [SG]; NURCOMBE VICTOR [SG]	US20090288927P 20091222	C12N5/0775; A61F2/28; A61K31/727; A61K35/28; A61L27/56; A61P19/00	TREATMENT OF BONE FRACTURE
WO2011062561 A1 20110526	AGENCY SCIENCE TECH & RES [SG]; COOL SIMON [SG]; NURCOMBE VICTOR [SG]; SADASIVAM MURALI [SG]	US20090263283P 20091120	C08B37/10; A61K31/727; A61L27/20; A61P19/08; C07K14/51; C12N5/077	THE ISOLATION AND CHARACTERISATION OF HEPARAN SULPHATES AND THEIR USE IN PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT AND STEM CELL CULTURE MEDIA SUITABLE FOR CONDITIONS ASSOCIATED WITH BONE REPAIR.
WO2011040887 A1 20110407	AGENCY SCIENCE TECH & RES [SG]; HENG DOMINIC JIAN-CHIEN [SG]; NG HUCK HUI [SG]	SG20090006546 20090930; SG20100000140 20100109	C12N5/10; A61K48/00; C07K14/72; C12N5/074	A NUCLEAR RECEPTOR AND MUTANT THEREOF AND THE USE OF THE SAME IN THE REPROGRAMMING OF CELLS
WO2011062559 A1 20110526	AGENCY SCIENCE TECH & RES [SG]; LIM BING [SG]; HAN JIANYONG [SG]; TAM WAI-LEONG [SG]	SG20100000825 20100206; US20090262741P 20091119	C12N5/0789; C12N5/071; C12N5/10	METHODS OF ENHANCING PLURIPOTENCY
WO2011053257 A2 20110505	AGENCY SCIENCE TECH & RES [SG]; LIM SAI KIANG [SG]	US20090257121P 20091102	C12Q1/68	METHODS OF MONITORING CELLULAR STATES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011010966 A1 20110127	AGENCY SCIENCE TECH & RES [SG]; WOMENS & CHILDRENS HOSPITAL [SG]; LIM SAI KIANG [SG]; TAN KOK HIAN [SG]	US20090227865P 20090723	C12N5/073; A61K35/12; C12N5/0775	PRE-NATAL MESENCHYMAL STEM CELLS
US2011027238 A1 20110203	AGGARWAL SUDEEPTA [US]; PITTENGER MARK F [US]; VARNEY TIMOTHY [US]	US20100908119 20101020; US20060541853 20061002; US20050080298 20050315; US20040555118P 20040322	A61K35/12; A61K35/14; A61P29/00; A61P35/00; C12N5/00; C12N5/0775; H04Q7/20	Mesenchymal Stem Cells and Uses Therefor
US2011010783 A1 20110113	AGRONOMIQUE INST NAT RECH [FR]	EP20070123399 20071217; WO2008EP67353 20081211	A01K67/00; C12N5/071; C12N5/0735; C12N5/074; C12N15/00	METHOD FOR REPROGRAMMING IN VITRO STEM CELLS AND SOMATIC CELLS INTO GERMINAL CELLS
ES2360595T T3 20110607	AGRONOMIQUE INST NAT RECH [FR]; CENTRE NAT RECH SCIENT [FR]; ECOLE NORM SUPERIEURE LYON	FR19940012598 19941021	C12N5/0735; A01K67/027; C12N5/00; C12N5/02; C12N5/073	MEDIO DE CULTIVO DE CELULAS EMBRIONARIAS TOTIPOTENTES AVIARES.
EP2292739 A1 20110309	AGRONOMIQUE INST NAT RECH [FR]; CENTRE NAT RECH SCIENT [FR]; ENS ECOLE NORMALE SUPERIEURE DE LYON [FR]	EP20070727050 20070319; FR20060002597 20060324	C12N5/10; C07K14/465; C12N5/0735; C12N15/113	Method for preparing differentiated avian cells and genes involved in the maintenance of pluripotency

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KR20110060000 A 20110608	AJOU UNIV IND ACAD COOP FOUND [KR]	KR20090116465 20091130	C12M3/00; C12N5/07; C12N11/02	A METHOD FOR CULTURING STEM CELL USING CARBON NANO TUBE AND THE CULTURING MEDIA
EP2279245 A2 20110202	ALPHAGENE BIOSCIENCE INC [US]	WO2009US41549 20090423; US20080047296P 20080423	G01N33/50; C12N5/00	DRUG DISCOVERY METHODS INVOLVING A PRECLINICAL, IN VITRO ISOLATED GASTROINTESTINAL EPITHELIAL STEM CELL-LIKE PROGENITOR CELL SYSTEM
US2011008299 A1 20110113	AMS RES CORP [US]	US20090920570 20090326; US20080039652P 20080326; WO2009US38426 20090326	A61K35/12; A61P13/10; A61P15/00; C12N5/077	TREATMENT OF PELVIC FLOOR DISORDERS WITH AN ADIPOSE-DERIVED CELL COMPOSITION
US2011105393 A1 20110505	ANDROUTSELLIS- THEOTOKIS ANDREAS [GR]; MCKAY RONALD D G [US]	US20080673576 20080814; US20070965094P 20070816; WO2008US73204 20080814	A61K38/28; A61K38/18; A61P25/00; A61P25/16; A61P25/28; C12N5/071; C12N5/0797	METHODS FOR PROMOTING STEM CELL PROLIFERATION AND SURVIVAL
CN101955910 A 20110126	ANHUI UNIVERSITY OF AGRICULTURE	CN20101138753 20100331	C12N5/073; C12N7/01; C12N15/62; C12N15/867	Method for inducing porcine induced pluripotent stem cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2011202711 A1 20110630	ANTHROGENESIS CORP [US]	AU20110202711 20110607	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; C12N5/02; C12N5/073; C12N5/074	Embryonic-like stem cells derived from post-partum mammalian placenta, and uses and methods of treatment using said cells
EP2292091 A1 20110309	ANTHROGENESIS CORP [US]	EP20100155478 20030213; EP20030739817 20030213; US20020076180 20020213; US20020437292P 20021231	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; C12N5/02; C12N5/073; C12N5/074	Embryonic-like stem cells derived from post-partum mammalian placenta and uses and methods of treatment using said cells
EP2305795 A1 20110406	ANTHROGENESIS CORP [US]	EP20010999637 20011205; US20000251900P 20001206	C12N5/077; 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	Method of collecting placental stem cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2314673 A1 20110427	ANTHROGENESIS CORP [US]	EP20020720974 20020213; US20010268560P 20010214; US20010004942 20011205	C12N5/0735; 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; C12M1/0	Post-partum mammalian placenta, its use and placental stem cells therefrom
EP2316463 A1 20110504	ANTHROGENESIS CORP [US]	EP20020709498 20020213; US20010268560P 20010214	A61K35/50; A61M1/02; C12N5/00; C12N5/073; C12N5/0735	Renovation and repopulation of decellularized tissues and cadaveric organs by stem cells
KR20110036114 A 20110406	ANTHROGENESIS CORP [US]	US20020076180 20020213; US20020437292P 20021231	A61K35/12; A61P9/10; A61P25/00; C12N5/071	EMBRYONIC-LIKE STEM CELLS DERIVED FROM POST-PARTUM MAMMALIAN PLACENTA AND USES AND METHODS OF TREATMENT USING SAID CELLS
MX2011001991 A 20110329	ANTHROGENESIS CORP [US]	US20080090565P 20080820; WO2009US04741 20090820	C12N5/073; A61K35/50; A61P25/00	TREATMENT OF STROKE USING ISOLATED PLACENTAL CELLS.
PE00202011 A1 20110131	ANTHROGENESIS CORP [US]	US20050727004P 20051013; US20060835628P 20060804	C12N5/00; C12N5/073	INMUNOMODULACION MEDIANTE EL USO DE CELULAS MADRES DE LA PLACENTA

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PE03582011 A1 20110613	ANTHROGENESIS CORP [US]	US20080090897P 20080822; US20080090898P 20080822	A61K35/50; A61P35/00; C12N5/071	METODOS Y COMPOSICIONES PARA EL TRATAMIENTO DE DEFECTOS OSEOS CON POBLACIONES DE CELULAS PLACENTARIAS
EP2287290 A2 20110223	ANTICANCER INC [US]	EP20020773519 20020920; US20010323963P 20010920	C12N5/071; C12N15/09; A61K35/12; A61L27/00; A61P17/00; A61P17/14; A61P25/00; A61P25/16; A61P25/28; C12N5/02; C12N5/074; C12N5/077; C12N5/079; C12N5/0793; C12N5/10	Nestin-expressing hair follicle stem cells
WO2011076414 A1 20110630	APCETH GMBH & CO KG [DE]; ASEEVA ELENA [DE]; GUENTHER CHRISTINE [DE]	US20090289796P 20091223	C12N5/0775	EXPANSION MEDIUM FOR CD34-NEGATIVE STEM CELLS
KR20110016974 A 20110218	APRO TECHNOLOGY CO LTD [KR]; DO BYUNG ROK [KR]; HURIMBIOCELL CO LTD [KR]	KR20060053247 20060614	A61K47/00; A61K35/12; C12N5/02; C12N5/071; C12N5/077	A COMPOSITION FOR TRANSPLANT COMPRISING ADIPOSE STEM CELLS OR ADIPOCYTES
WO2011014741 A1 20110203	ARTEMIS HEALTH INC [US]; DENG DAVID [US]	US20090230638P 20090731	C12N5/00; C12N5/02	METHODS AND COMPOSITIONS FOR CELL STABILIZATION

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2268795 A1 20110105	ASSIST PUBL HOPITAUX DE PARIS [FR]; INST NAT SANTE RECH MED [FR]; UNIV PARIS DESCARTES [FR]; UNIV PARIS DIDEROT PARIS 7 [FR]; UNIV MONTPELLIER 2 SCIENCES ET TECH [FR]	WO2009EP52797 20090310; US20080035146P 20080310; EP20080300138 20080310; EP20090719996 20090310	C12N5/071; C12N5/077	METHOD FOR GENERATING PRIMATE CARDIOVASCULAR PROGENITOR CELLS FOR CLINICAL USE FROM PRIMATE EMBRYONIC STEM CELLS OR EMBRYONIC-LIKE STATE CELLS, AND THEIR APPLICATIONS
EP2270196 A2 20110105	AXIOGENESIS AG [DE]	EP20050740642 20050511; EP20040011214 20040511; EP20100010425 20050511	C12Q1/02; C12N5/07; C12N5/077; G01N33/50	Assay for drug discovery based on in vitro differentiated cells
US2011059456 A1 20110310	AXIOGENESIS AG [DE]	US20100876772 20100907; DE20001065352 20001227; DE20011036702 20010727; US20030451816 20031215; WO2001EP15337 20011227	C12Q1/68; A01K67/027; A61L27/00; C12N5/0735; C12N5/077; C12N5/10; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	System for the Cell-Specific and Development-Specific Selection of Differentiating Embryonic Stem Cells, Adult Stem Cells and Embryonic Germline Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
IL156410 A 20110630	AXIOGENESIS AG [DE]; FLEISCHMANN BREND; BOHLEN HERIBERT; HESCHELER JURGEN; KOLOSISOV EUGEN	DE20001065352 20001227; DE20011036702 20010727; WO2001EP15337 20011227	A01K67/027; A61L27/00; C12N5/0735; C12N5/077; C12N5/10; C12N15/09; C12Q1/02; G01N33/15; G01N33/50	METHOD FOR SPECIFIC SELECTION OF DIFFERENTIATED HEART CELLS OR OF STEM CELLS DIFFERENTIATING INTO HEART CELLS
BRPI0710791 A2 20110621	AZIENDA OSPEDALIERO UNIVERSITARIA CAREGGI [IT]	IT2006FI00099 20060428; WO2007EP54132 20070427	A61K35/23; A61P13/12; C12N5/071; C12N5/074	POPULAÇÃO DE CÉLULA TRONCO RENAL, IDENTIFICAÇÃO E USO TERAPÊUTICO
US2011020299 A1 20110127	BADER AUGUSTINUS [DE]	EP20080006238 20080331; WO2009EP02135 20090324	A61K35/32; A61P17/02; C12N5/0789	METHOD AND COMPOSITION FOR THE REGENERATION OF TISSUE WITH THE AID OF STEM CELLS OR BONE MARROW CELLS
KR20110009505 A 20110128	BAE YONG SUK [KR]	KR20090066936 20090722	C12N5/071; A61F2/02; C12N5/07	METHOD FOR PRODUCTION OF ARTIFICIAL PANCREAS

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MX2011003899 A 20110504	BANC DE SANG I TEIXITS [ES]	ES20090000005 20090102; WO2009ES00547 20091125	C12N5/0775	METHOD FOR OBTAINING CONNECTIVE STEM CELLS FROM THE MONONUCLEAR FRACTION OF HUMAN BONE MARROW.
US2011104802 A1 20110505	BANC DE SANG I TEIXITS [ES]	ES20090030939 20091102	C12N5/0789	PROCEDURE FOR THE UNDIFFERENTIATED OR MYELOID LINEAGE BIASED EXPANSION OF HAEMATOPOIETIC STEM CELLS FROM UMBILICAL CORD BLOOD, MOBILIZED PERIPHERAL BLOOD OR BONE MARROW
US2011020291 A1 20110127	BANERJEE DEBRABRATA [US]; MISHRA PRASUN J [US]; MISHRA PRAVIN J [US]; BERTINO JOSEPH R [US]; HUMENIUK RITA [US]; GLOD JOHN [US]	US20080743309 20081115; US20070003343P 20071117; WO2008US83711 20081115	A61K35/12; A61P17/02; C12N5/077; C12N5/0775	USE OF STEM CELLS FOR WOUND HEALING
US2011123502 A1 20110526	BARRY SIMON C [AU]; D ANDREA RICHARD JAMES [AU]; HUTTON JONATHON F [AU]	US20070528292 20070830; US20070902355P 20070221; WO2007AU01262 20070830	A61K35/12; A61P3/10; A61P7/00; A61P7/06; A61P37/02; A61P37/06; C12N5/0783; G01N33/50	METHOD FOR OBTAINING TREG-CELLS

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EP2290052 A1 20110302	BECTON DICKINSON CO [US]	EP20070108260 20070515; US20060747349P 20060516; US20060817942P 20060630; US20060817736P 20060630; US20070883083P 20070102; US20070886984P 20070129; US20070747523 20070511	C12N5/0735; C12M1/00	Extracellular matrix coated surface for culturing cells
US2011044895 A1 20110224	BERRY DAVID A [US]; DEVROE ERIC J [US]; AFEYAN NOUBAR B [US]; CHEVALIER BRETT [US]; REDDY SASHANK K [US]	US20100852973 20100809; US20080171923 20080711; US20070949409P 20070712	A61K51/00; A61K31/7088; A61K31/7105; A61K39/395; A61K49/00; A61P35/00; C12N5/09; C12N5/095	METHODS AND COMPOSITIONS FOR REDUCING STEMNESS IN ONCOGENESIS
US2011111030 A1 20110512	BHASIN VISHAL [AU]	AU20080900534 20080205; WO2009AU00138 20090205	A61K35/12; A01N1/00; A61K9/14; A61P3/10; A61P17/02; A61P19/02; A61P43/00; C12N5/071; C12N5/074; C12N5/077; C12N5/078	Method of Producing Progenitor Cells from Differentiated Cells

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JP2011030557 A 20110217	BIO VERDE KK; TAIYO NIPPON SANSO CORP	JP20090194792 20090804	C12N5/0775; A61K35/64; A61K47/32; A61L27/00; A61P43/00	CELL FREEZE DAMAGE PREVENTING LIQUID FOR MEDICAL USE
KR20110042107 A 20110422	BIOACTIVE SURGICAL INC [US]	US20080086912P 20080807; US20090153076P 20090217	A61F2/02; A61L27/28; A61L27/38; C12N5/071	STEM CELL CAPTURE AND IMMOBILIZATION COATINGS FOR MEDICAL DEVICES AND IMPLANTS
US2011065192 A1 20110317	BION CO LTD H [KR]	US20090591505 20091120; WO2003KR02899 20031230; US20070584255 20070628; WO2004KR03528 20041230	C12N5/0735; C12N15/63; C12N5/00; C12N5/02; C12N5/075; C12N5/10; C12N5/28	Embryonic stem cell line and method for preparing the same
EP2280064 A2 20110202	BIOSPECTRUM INC [KR]	WO2009KR01415 20090319; KR20080030237 20080401	C12N5/07	COMPOSITION COMPRISING VEGETABLE PEPTONE FOR PROMOTING STEM CELL PROLIFERATION

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WO2011009106 A2 20110120	BIOTIME INC [US]; WEST MICHAEL D [US]; STERNBERG HAL [US]; CHAPMAN KAREN B [US]	US20090226237P 20090716; US20090243939P 20090918; US20100349088P 20100527; US20100365308P 20100716	A61K35/32; A61K47/30; C12N5/0735; C12N5/077	METHODS AND COMPOSITIONS FOR IN VITRO AND IN VIVO CHONDROGENESIS
US2011086379 A1 20110414	BLAK ALEXANDRA A [CA]; LOUIS SHARON A [CA]	US20100903521 20101013; US20090251130P 20091013; US20100354947P 20100615	C12Q1/02; C12N5/071; C12N5/0735; C12N5/0797	Method of Differentiating Stem Cells
CN101945993 A 20110112	BONE THERAPEUTICS S A [BE]	WO2009EP50209 20090109; EP20080000458 20080111	C12N5/077	Osteogenic differentiation of bone marrow stem cells and mesenchymal stem cells using a combination of growth factors
KR20110013450 A 20110209	BONE THERAPEUTICS S A [BE]	EP20080155764 20080507	C12N5/0775; C12N5/02; C12N5/077	MESENCHYMAL STEM CELLS AND BONE- FORMING CELLS
US2011112180 A1 20110512	BOSTON BIOMEDICAL INC [US]	US20080677511 20080910; US20070971144P 20070910; US20070013372P 20071213; WO2008US75848 20080910	A61K31/343; A61K31/381; A61P35/00; A61P35/02; A61P35/04; C07D307/92; C07D333/74; C12N5/095	NOVEL STAT3 PATHWAY INHIBITORS AND CANCER STEM CELL INHIBITORS

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WO2011069091 A1 20110609	BOSTON BIOMEDICAL RES INST INC [US]; SHERLEY JAMES L [US]	US20090266602P 20091204	C12N5/074	METHOD FOR CLONING PLURIPOTENT STEM CELLS
US2011070205 A1 20110324	BRIGHAM & WOMENS HOSPITAL [US]	US20100890195 20100924; US20100598047 20100728; WO2008US05742 20080505; US20090247242P 20090930; US20090249172P 20091006; US20070927596P 20070503	A61K35/12; A61P3/10; A61P9/00; A61P9/04; A61P9/10; A61P25/00; A61P25/16; A61P43/00; C12N5/074; C12N5/077	MULTIPOTENT STEM CELLS AND USES THEREOF
WO2011029053 A1 20110310	BUCK INST FOR AGE RES [US]; ZENG XIANMIN [US]	US20090240097P 20090904	C12N5/0735	HUMAN EMBRYONIC STEM CELLS FOR HIGH THROUGHOUT DRUG SCREENING

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US2011117575 A1 20110519	BUEHRING HANS-JOERG [DE]; TREML SABRINA [DE]; LAMMERS REINER [DE]	DE200810032236 20080630; WO2009EP04614 20090626	G01N33/566; C12N5/074; C12N5/077	ISOLATION AND/OR IDENTIFICATION OF STEM CELLS HAVING ADIPOCYTIC, CHONDROCYTIC AND PANCREATIC DIFFERENTIATION POTENTIAL
US2011002897 A1 20110106	BURNHAM INST MEDICAL RESEARCH [US]	US20100813174 20100610; US20090186348P 20090611	A61K35/30; A61P25/00; C12N5/00; C12N5/079; C12Q1/02	DIRECTED DIFFERENTIATION OF STEM CELLS
WO2011008986 A2 20110120	CALIFORNIA INST OF TECHN [US]; GHARIB MORTEZA [US]; RINDERKNECHT DEREK [US]; FOROUHAR ARIAN [US]; VERMOT JULIEN; FRASER SCOTT E [US]	US20090225646P 20090715	C12N5/071; A61F2/06; A61F2/24; C12M3/00; C12N5/02	A METHOD APPLYING HEMODYNAMIC FORCING AND KLF2 TO INITIATE THE GROWTH AND DEVELOPMENT OF CARDIAC VALVES
BRPI0903975 A2 20110111	CAMPOS SHARON LISAUSKAS FERRAZ DE [BR]	BR2009PI03975 20090306	C12N9/64; C07K1/107; C07K14/745; C12N5/0735	PROCESSO DE MODIFICAÇÃO DE CÉLULAS-TRONCO EMBRIONÁRIAS BOVINAS E PROCESSO DE PURIFICAÇÃO DE PROTEÍNAS GERADAS POR CÉLULAS- TRONCO EMBRIONÁRIAS BOVINAS MODIFICADAS

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TWI338714B B 20110311	CATHAY GENERAL HOSPITAL [TW]	TW20030133931 20031202	C12N5/071; C12N5/073; C12N5/0775	Method of isolation and enrichment of mesenchymal stem cells from amniotic fluid
KR20110029591 A 20110323	CATHOLIC UNIV IND ACAD COOP [KR]	KR20090087338 20090916	C12N5/071; C12N5/02	METHOD OF INDUCING DIFFERENTIATION OF MESENCHYMAL STEM CELL DERIVED FROM UMBILICAL CORD BLOOD INTO NEURON AND HAIR CELL
WO2011049291 A2 20110428	CATHOLIC UNIV IND ACAD COOP [KR]; CHO SEOK GOO [KR]; PARK MIN JUNG [KR]; PARK HYUN SIL [KR]; CHO MI LA [KR]	KR20090101194 20091023	C12N5/071; A61K35/12; A61P37/00; C12N15/12	MESENCHYMAL STEM CELL INCORPORATING A NUCLEOTIDE SEQUENCE CODING TGF?, AND USES THEREOF
CN101978045 A 20110216	CELGENE CELLULAR THERAPEUTICS	WO2008US11167 20080926; US20070995679P 20070926	A61K35/20; C12N5/074	Angiogenic cells from human placental perfusate
EP2312482 A1 20110420	CELGENE CORP [US]	EP20050725995 20050322; US20040556683P 20040326	G06F19/00; A61K45/00; C12N5/073	Systems and methods for providing a stem cell bank

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CN102083967 A 20110601	CELLARTIS AB	WO2008EP59491 20080718; US20070935003P 20070720; US20080071215P 20080417	A61K35/12; C12N5/071; G01N33/50	A novel population of hepatocytes derived via definitive endoderm (DE-hep) from human blastocysts stem cells
US2011044894 A1 20110224	CELLERANT THERAPEUTICS INC [US]	US20090810006 20090326; US20080039701P 20080326; WO2009US38462 20090326	A61K51/00; A61K39/395; A61P35/00; A61P35/02; C07K16/18; C07K16/28; C12N5/09; C12Q1/68; C40B30/00	Immunoglobulin and/or Toll-Like Receptor Proteins Associated with Myelogenous Haematological Proliferative Disorders and Uses Thereof
WO2011048222 A1 20110428	CELLERIX S A [ES]; BUESCHER DIRK [ES]; DE LA ROSA OLGA [ES]	GB20090018615 20091023	C12N5/0775; C12N5/0783	CELL POPULATIONS HAVING IMMUNOREGULATORY ACTIVITY, METHODS FOR THE PREPARATION AND USES THEREOF

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EP2291511 A1 20110309	CELLULAR DYNAMICS INTERNATIONAL INC [US]	WO2009US42701 20090504; US20080050086P 20080502	C12N5/0787	METHOD FOR PRODUCTION OF MAST CELLS FROM STEM CELLS
WO2011005849 A1 20110113	CELLULAR DYNAMICS INTERNATIONAL INC [US]; THOMSON JAMES [US]; SEAY NICK [US]	US20090223890P 20090708	C07K14/715; C12N5/071	MODIFIED IPS CELLS HAVING A MUTANT FORM OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) CELLULAR ENTRY GENE
US2011039258 A1 20110217	CELULA INC [US]	US20070445732 20071015; US20060829668P 20061016; WO2007US81396 20071015	C12Q1/68; C12N5/02; C12Q1/02	METHODS AND COMPOSITIONS FOR DIFFERENTIAL EXPANSION OF FETAL CELLS IN MATERNAL BLOOD AND THEIR USE
CN102083965 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	WO2009US41348 20090422; US20080108872 20080424	C12N5/0735; C12N5/074	Pluripotent cells
MX2011000123 A 20110225	CENTOCOR ORTHO BIOTECH INC [US]	US20080076889P 20080630; WO2009US49049 20090629	C12N5/00	DIFFERENTIATION OF PLURIPOTENT STEM CELLS.

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MX2011000125 A 20110225	CENTOCOR ORTHO BIOTECH INC [US]	US20080076900P 20080630; US20080076915P 20080630; US20080076908P 20080630; WO2009US49183 20090630	C12N5/071	DIFFERENTIATION OF PLURIPOTENT STEM CELLS.
MX2011004563 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080110278P 20081031; WO2009US61635 20091022	C12N5/071	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS TO THE PANCREATIC ENDOCRINE LINEAGE.
MX2011005288 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080116447P 20081120; WO2009US65062 20091119	C12N5/0735	PLURIPOTENT STEM CELL CULTURE ON MICRO-CARRIERS.
MX2011005289 A 20110601	CENTOCOR ORTHO BIOTECH INC [US]	US20080116452P 20081120; WO2009US65067 20091119	C12N5/0735	METHODS AND COMPOSITIONS FOR CELL ATTACHMENT AND CULTIVATION ON PLANAR SUBSTRATES.

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US2011104805 A1 20110505	CENTOCOR ORTHO BIOTECH INC [US]	US20100913834 20101028; US20090256149P 20091029	C12N15/87; C12N5/071	Pluripotent Stem Cells
WO2011011300 A2 20110127	CENTOCOR ORTHO BIOTECH INC [US]; XU JEAN [US]	US20090226923P 20090720	A61K9/20; A61P3/00; A61P3/10; C12N5/0735; C12N5/074	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS
WO2011052979 A2 20110505	CHABIO & DIOSTECH CO LTD [KR]; 3CRO INC [KR]; CHO SEONG-JE [KR]; DO JEONG-TAE [KR]; CHUNG HYUNG-MIN [KR]	KR20090104840 20091102	C12N5/02; B82B3/00; C12N5/07	DE-DIFFERENTIATION METHOD OF CELLS USING NANOCARRIER, AND PREPARATION METHOD OF PLURIPOTENT STEM CELLS USING SAME
WO2011002727 A1 20110106	CHEN QINGFENG [SG]; CHEN JIANZHU [US]	US20090221438P 20090629	C12N5/071	METHODS OF PRODUCING HUMANIZED NON-HUMAN MAMMALS
WO2011057035 A1 20110512	CHEZ MICHAEL [US]	US20090258644P 20091106	C12N5/16	AGENT AND METHODS FOR REDUCING INFLAMMATORY MARKERS

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US2011033931 A1 20110210	CHILDREN S HOSPITAL OF ORANGE COUNTY [US]	US20080740672 20081126; US20070991197P 20071129; WO2008US84893 20081126	C12N5/071; C12N5/074	DE-DIFFERENTIATION OF HUMAN CELLS
JP2011062206 A 20110331	CHILDRENS MEDICAL CT CORP; GEN HOSPITAL CORP [US]; NORTHEASTERN OHIO UNIV COLLEGES OF MEDICINE	US19980168350 19981007	C12N5/10; C12N15/09; A61K48/00; A61P35/00; C12N1/00; C12N5/0797	ENGRAFTABLE NEURAL PROGENITOR AND STEM CELL FOR BRAIN TUMOR THERAPY
JP2011015693 A 20110127	CHILDRENS MEDICAL CT CORP; UNIV BRITISH COLUMBIA; UNIV PENNSYLVANIA [US]	US19980133873 19980814	C12N5/10; C12N15/09; A61K31/711; A61K35/30; A61K35/76; A61K48/00; A61P25/00; A61P43/00; C12N5/0797	ENGRAFTABLE HUMAN NEURAL STEM CELL
US2011008819 A1 20110113	CHIPPERFIELD HIRAM [SG]; DUNN NORRIS RAY [SG]	SG20080000957 20080131; WO2009SG00034 20090123	C12Q1/02; C12N5/073; C12N5/0735; C12N5/074	Method of Differentiating Stem Cells
US2011033415 A1 20110210	CHOI INPYO [KR]; YOON SUKRAN [KR]; YUN SOHYUN [KR]; CHUNG JIN WOONG [KR]	KR20070077858 20070802; WO2007KR04816 20071002	A61K38/20; A61K35/12; A61P35/00; C12N5/0783	AGENT FOR DIFFERENTIATING HEMATOPOIETIC STEM CELL INTO NATURAL KILLER CELL COMPRISING YC-1 OR IL-2 1 AND A METHOD OF DIFFERENTIATING HEMATOPOIETIC STEM CELL INTO NATURAL KILLER CELL USING THE SAME

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US2011091429 A1 20110421	CHRISTOPHERSON II KENT W [US]; HANGOC GIAO [US]; BROXMEYER HAL E [US]	US20100971496 20101217; US20070872641 20071015; US20040854723 20040526; US20030473589P 20030527	A61K35/14; A61K48/00; A61P43/00; C12N5/071; C12N5/0789; C12Q1/02	Methods for Enhancing Stem Cell Engraftment During Transplantation
US2011091426 A1 20110421	CHUTE JOHN P [US]; SAINI ABBA A [US]; CHUTE DENNIS J [US]; DAVIS THOMAS A [US]	US20030628886 20030729; US19990452855 19991203; US19980112042P 19981204	A61K35/28; A61P7/00; A61P43/00; C12N5/0789	Human brain endothelial cells and growth medium and method for expansion of primitive CD34+CD38- bone marrow stem cells
US2011092378 A1 20110421	CLARKE MICHAEL [US]; MORRISON SEAN J [US]; WICHA MAX S [US]; AL- HAJJ MUHAMMAD [US]	US20100979991 20101228; US20070788489 20070420; US20060529869 20060929; US20030343692 20030825; WO2001US24243 20010802; US20000240317P 20001013; US20000222794P 20000803	C12Q1/68; C12N5/09; C12N5/095; C40B30/00; G01N33/50; G01N33/566; G01N33/574	ISOLATION AND USE OF SOLID TUMOR STEM CELLS
US2011021607 A1 20110127	CLARKE MICHAEL [US]; SHIMONO YOHEI [JP]	US20090865090 20090130; US20080025574P 20080201; WO2009US00593 20090130	A61K31/7088; A61P35/00; C12N5/071; C12N5/09	Methods and Compositions Relating to Carcinoma Stem Cells

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US2011033481 A1 20110210	CLARKE MICHAEL [US]; WICHA MAX S [US]; AL- HAJJ MUHAMMAD [US]	US20100758540 20100412; US20070651214 20070109; US20060607780 20061201; US20050150524 20050610; US20010920517 20010801; US20060529869 20060929; US20030343692 20030825; WO2001US24243 20010802; US20040497791 20041029; WO2002US39191 20021206; US20000240317P	A61K39/395; A01K67/027; A61K35/12; A61K39/00; 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	PROSPECTIVE IDENTIFICATION AND CHARACTERIZATION OF BREAST CANCER STEM CELLS
US2011059479 A1 20110310	COLES JOHN G [CA]; HANNIGAN GREGORY [CA]; LU HUANZHANG [CA]	US20100892065 20100928; US20070915687 20071127; WO2006CA00868 20060529; US20050685269P 20050527	C12Q1/02; C12N5/02; C12N5/077	MODULATION OF THE INTEGRIN LINKED KINASE SIGNALING PATHWAY TO PROMOTE CARDIAC CELL PROLIFERATION AND SELF-RENEWAL

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KR20110024660 A 20110309	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090082755 20090903	C12N5/071; C12N5/02	SERUM-FREE, XENO-FREE METHOD FOR DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS OR HUMAN INDUCED PLURIPOTENT STEM CELLS INTO ENDOTHELIAL CELLS
KR20110042426 A 20110427	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090099094 20091019	C12N5/071; C12N5/02	PROCESS FOR SELECTIVE CELL DEATH OF UNDIFFERENTIATED HUMAN EMBRYONIC STEM CELLS USING QUERCETIN
KR20110048718 A 20110512	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20090105411 20091103	C12N5/071; C12N5/02	A METHOD FOR CULTURING HUMAN EMBRYONIC STEM CELLS OR INDUCED PLURIPOTENT STEM CELLS
KR20110072839 A 20110629	COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]; BORM PHARM CO LTD [KR]	KR20090129931 20091223	C12N5/02; C12N5/0735; C12N5/074	COMPOSITIONS FOR STEM CELL CULTURE MEDIA AND METHOD FOR CULTURING THE STEM CELL USING THE COMPOSITIONS

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US2011028401 A1 20110203	CONSIGLIO NAZIONALE RICERCHE [IT]	EP20090166967 20090731	A61K38/10; A61P25/16; C07K5/083; C07K5/093; C07K7/08; C12N5/079	CRIPTO BLOCKING MOLECULES AND THERAPEUTIC USES THEREOF
US2011112015 A1 20110512	CONSORTUM NAT DE RECH EN GENOMIQUE CNRG	US20070296878 20070416; US20060791895P 20060414; WO2007IB02165 20070416	A61K38/17; A61P3/10; A61P5/14; A61P27/06; C07H21/04; C07K14/47; C12N5/00; C12N5/071; C12N15/63; C12Q1/68	USE OF GLIS3 FOR PREPARING FUNCTIONAL PANCREATIC BETA-CELLS
BRPI0616708 A2 20110628	COPYGENE AS [DK]	US20050722321P 20050930; WO2006DK00533 20060928	A61K6/00; C12N5/077	MÉTODOS PARA DIFERENCIAR CÉLULAS- TRONCO E USO DAS MESMAS NO TRATAMENTO DE CONDIÇÕES DENTÁRIAS
SG171669 A1 20110629	CORD BLOOD SCIENCE INC	US20060799734P 20060511	C12N5/073; C12N5/0789	METHODS FOR COLLECTING AND USING PLACENTA CORD BLOOD STEM CELLS
EP2294185 A2 20110316	CORETHERAPIX SLU [ES]	WO2009IB05636 20090508; US20080127067P 20080508	C12N5/074; C12N5/077	MULTIPOTENT ADULT STEM CELL POPULATION

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN101939362 A 20110105	CORNING INC; GERON CORP [US]	WO2009US32425 20090129; US20080063010P 20080130	C08J3/02; C12N5/079	Synthetic surfaces for culturing stem cell derived oligodendrocyte progenitor cells
US2011076320 A1 20110331	CORONEO MINAS THEODORE [AU]	US20100961156 20101206; US20060332089 20060113; US20050644060P 20050113	A61F2/00; A61K35/12; A61P27/02; C12N5/074	STEM CELL CULTIVATION DEVICES AND METHODS
CN101952416 A 20110119	CRYO CELL INT	WO2008US12376 20081031; US20070001456P 20071031	C12N5/0789	Methods for co-culturing cord blood derived cells with menstrual stem cells
US2011008300 A1 20110113	CRYO SAVE AG [CH]	WO2009EP53262 20090319; EP20080152993 20080319	A61K35/12; A01N1/02; A61P3/00; A61P3/10; A61P17/00; A61P25/00; A61P35/00; C12N5/0775	Cryopreservation of Adipose Tissue for the Isolation of Mesenchymal Stem Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011052574 A1 20110303	CSL LTD; UNIV HEALTH NETWORK [CA]	US20080745607 20081204; US20070996819P 20071206; WO2008AU01797 20081204	A61K39/395; A61P35/04; C07K16/28; C12N5/00	METHOD OF INHIBITION OF LEUKEMIC STEM CELLS
WO2011012764 A2 20110203	CT NAC DE INVESTIGACIONES CARDIOVASCULARES CNIC [ES]; SAMPER RODRIGUEZ ENRIQUE [ES]; ESTRADA RODRIGUEZ JUAN CAMILO [ES]; BERNAD MIANA ANTONIO [ES]	ES20090030540 20090730	C12N5/0775; C12Q1/68; G01N33/53; G06F19/00	METHOD FOR IDENTIFYING SENESCENT MESENCHYMAL STEM CELLS
EP2283117 A1 20110216	CYTHERA INC [US]	WO2008US61053 20080421	C12N5/071; C12P21/06	METHODS FOR PURIFYING ENDODERM AND PANCREATIC ENDODERM CELLS DERIVED FROM HUMAN EMBRYONIC STEM 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 Coreia
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.