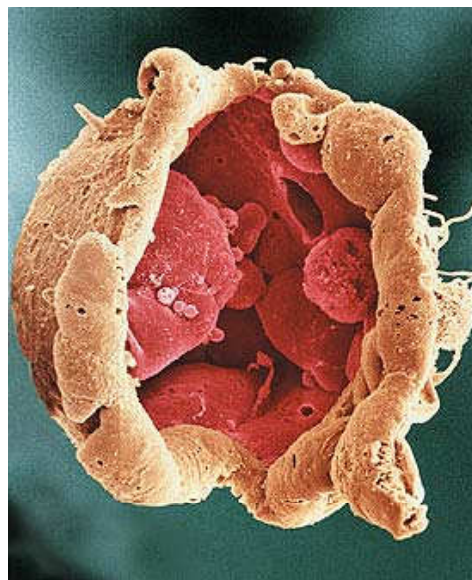


Pedidos de Patentes sobre Células-tronco



Pedidos publicados no
2º semestre de 2009

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL - INPI

Presidente: Jorge de Paula Costa Ávila

Vice-Presidente: Ademir Tardelli

DIRETORIA DE ARTICULAÇÃO E INFORMAÇÃO TECNOLÓGICA - DART

Diretor: Sérgio Medeiros Paulino de Carvalho

CENTRO DE DIVULGAÇÃO, DOCUMENTAÇÃO E INFORMAÇÃO TECNOLÓGICA - CEDIN

Chefe: Raul Suster

DIVISÃO DE ESTUDOS E PROGRAMAS - DIESPRO

Chefe: Luci Mary Gonzalez Gullo

AUTORES:

Rafaela di Sabato Guerrante
Priscila Rohem dos Santos

Colaboradora:

Suzanne de Oliveira Rodrigues

SUMÁRIO

1. INTRODUÇÃO.....	5
1.1 ALERTA TECNOLÓGICO.....	4
2. PEDIDOS DE PATENTES SOBRE CÉLULAS-TRONCO.....	6
2.1 CLASSIFICAÇÃO INTERNACIONAL DE PATENTES – CIP	7
3. RESULTADOS	8
ANEXO I - Códigos dos Países	119

Lista dos gráficos

Gráfico 1: Prioridade dos Pedidos de Patente Recuperados x Quantidade de Pedidos	9
Gráfico 2: Número de Pedidos de Patentes Publicados sobre Células-tronco (2º semestre de 2009) x Classificação Internacional de Patentes (CIP)	12

Lista das tabelas

Tabela 1: Relação dos depositantes, seus respectivos países de prioridade e quantidade de pedidos de patentes publicados no 2º semestre de 2009	10
Tabela 2: Dados bibliográficos dos pedidos de patente publicados no 2º semestre de 2009 (Por ordem alfabética do nome do depositante).....	14

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 Divulgação, Documentação e Informação Tecnológica (CEDIN), subordinado à Diretoria de Articulação e Informação Tecnológica (DART), 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 Divisão de Estudos e Programas (DIESPRO), 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

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.

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

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

1. Base Brasileira de Pedidos de Patente²: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes³: <http://ep.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.

INPI/DART/CEDIN:

Instituto Nacional da Propriedade Industrial – INPI

Diretoria de Articulação e Informação Tecnológica - Dart

Centro de Divulgação, Documentação e Informação Tecnológica – Cedin

Praça Mauá, 7, sala 714, Centro, Rio de Janeiro, RJ , CEP 20083-900

Tel. (21) 2139 3101 , Fax. (21) 2139 3354

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

⁴ Contêm pedidos de patente depositados ou concedidos e publicados apenas nos Estados Unidos.

⁵ Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patente refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

2. PEDIDOS DE PATENTE SOBRE CÉLULAS-TRONCO

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

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

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

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

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

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

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

Para o levantamento em questão, foram selecionados os documentos de patente contendo, em seu título e/ou resumo, uma (ou mais) das seguintes palavras-chave: **célula(s)-tronco, célula(s) tronco, célula(s) embrionária(s), célula(s) embriônica(s)**. Não foi possível empregar a classificação internacional de patente (CIP) na busca efetuada, visto que não há nenhuma CIP específica para as referidas células, sendo esta tecnologia classificada em várias CIPs diferentes, que de alguma forma estão relacionadas ao tema⁶.

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 Estados⁷. 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

⁶ Um documento de patente pode ter uma ou mais classificações.

⁷ Fonte: http://www.wipo.int/treaties/en/ShowResults.jsp?lang=en&search_what=B&bo_id=19. Acesso em 21/11/2009.

utilizam a CIP.

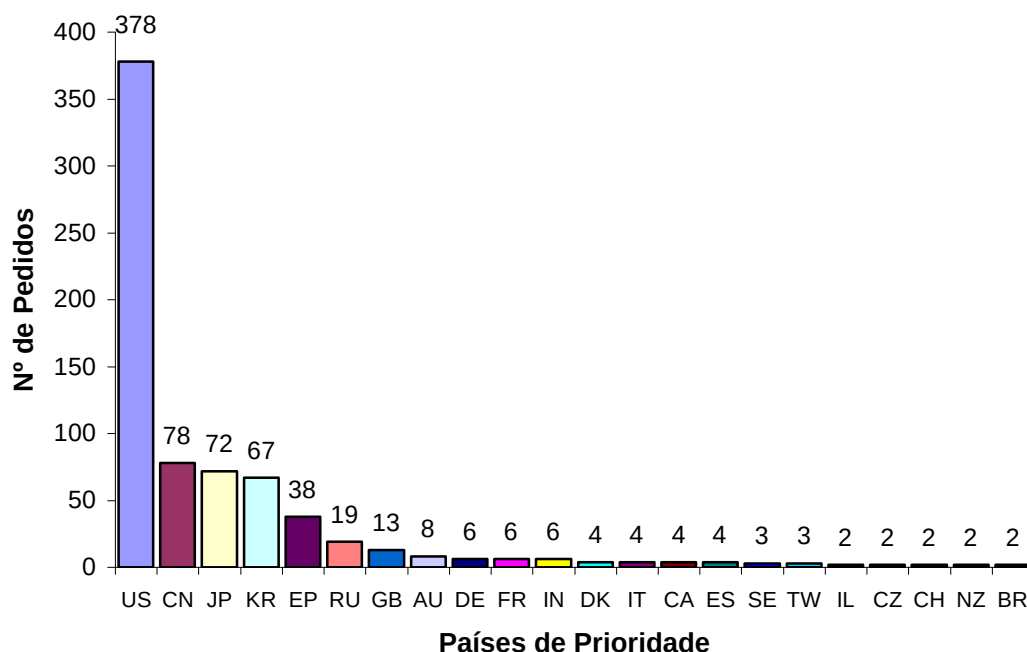
A cada ano a CIP é revisada de acordo com sugestões discutidas e acordadas pelos representantes dos países signatários. A edição atualizada é disponibilizada no *site* da OMPI (<http://www.wipo.int/classifications/ipc/>) e no *site* do INPI (<http://pesquisa.inpi.gov.br/ipc/index.php>).

3. RESULTADOS

No semestre pesquisado, foram selecionados **707** documentos de patente que abordam tecnologias relacionadas a células-tronco. De acordo com o gráfico 1, pode-se visualizar os códigos dos países⁸ 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.

⁸ A lista com os códigos dos países está disponível no Anexo I.

Gráfico 1: Prioridade dos Pedidos de Patente Recuperados
x Quantidade de Pedidos



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 16/07/2010.

De acordo com o gráfico 1, os escritórios de patente onde foram feitos o primeiro depósito⁹ de patente referente à tecnologia (com duas ou mais ocorrências), são os seguintes: Estados Unidos da América (US), com 378 ocorrências; China (CN), com 78; Japão (JP), com 72; Coreia (KR), com 67; Escritório Europeu de Patentes (EP), com 38; Federação Russa (RU), com 19; Inglaterra (GB), com 13; Austrália (AU), com 8; Alemanha (DE), França (FR) e Índia (IN), todos com 6; Dinamarca (DK), Itália (IT), Canadá (CA) e Espanha (ES), com 4; Suécia (SE) e Taiwan (TW), empatados com 3 ocorrências; e, por fim, aparecem Israel (IL), República Tcheca (CZ), Suíça (CH), Nova Zelândia (NZ) e Brasil (BR) como países de prioridade de apenas 2 pedidos de patente. É importante destacar a liderança absoluta dos Estados Unidos e a expressão, também significativa e homogênea, de países como China, Japão e Coreia.

⁹ 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.

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.

Tabela 1: Relação dos depositantes e quantidade de pedidos de patente publicados no 2º semestre de 2009

Nome do Depositante	Total de Documentos
UNIV KYOTO [JP]	11
UNIV LELAND STANFORD JUNIOR [US]	8
UNIV ZHEJIANG [CN]	7
RIKEN [JP]	6
GEN HOSPITAL CORP [US]	6
CELLARTIS AB [SE]	6
BONE THERAPEUTICS [BE]	6
ADVANCED CELL TECH INC [US]	6
UNIV JOHNS HOPKINS [US]	6
ANTHROGENESIS CORP [US]	5
WEISSMAN IRVING L [US]	5
FEDERAL NOE G UCHREZH DENIE MNT [RU]	5
UNIV CALIFORNIA [US]	5
NIPPON MENA ADE KESHOHIN KK [JP]	5
KOREA RES INST OF BIOSCIENCE [KR]	5
HARVARD COLLEGE [US]	4
UNIV COLUMBIA [US]	4
MASSACHUSETTS INST TECHNOLOGY [US]	4
OSIRIS THERAPEUTICS INC [US]	4
UNIV RAMOT [IL]	4
UNIV FLORIDA [US]	4
KYOWA HAKKO KIRIN CO LTD [JP]	4
COLLEGE OF MEDICINE POCHON CHA [KR]	4
VOON GERARD [CA]	4
ZHOU YUE [US]	4
ES CELL INT PTE LTD [SG]	4
MAJETI RAVINDRA [US]	4

Fonte: Base de dados do Escritório Europeu de Patentes.

Depreende-se, da tabela 1, que **9 depositantes** (University of Kyoto, The Leland Stanford Junior University, Zhejiang University, Riken Center for

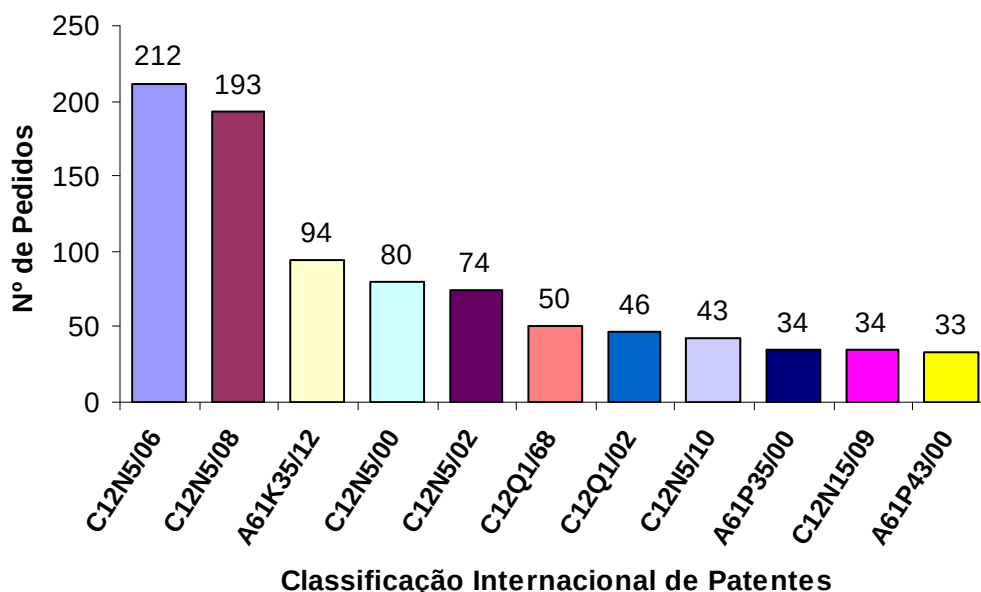
Developmental Biology, The General Hospital Cooperation, Cellartis AB, Bone Therapeutics, Advanced Cell Technology and Johns Hopkins University) **são responsáveis por apenas 9% dos documentos** recuperados, o que indica que, no período analisado, as publicações de pedidos de patente relacionados a células-tronco no mundo estiveram bem distribuídas por diferentes instituições. Quatro dos nove depositantes com maior número de pedidos de patente no período em questão têm residência nos Estados Unidos; outros 2 são japoneses e os outros três são de origem chinesa, sueca e belga. Este cenário é, portanto, condizente com a inferência feita a partir do gráfico 1.

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.

Observa-se que empresas de origem brasileira não constam desta tabela 1. Procurou-se identificar os depositantes dos pedidos de patente com prioridade brasileira e foram encontradas 2 ocorrências, o BRPI0704435 e o BRPI0705561, como indicado no gráfico 1. O primeiro deles é um pedido depositado no Brasil por pessoa física residente no país. O segundo pedido de patente foi depositado pela Universidade de São Paulo em conjunto com a FAPESP – Fundação de Amparo à Pesquisa do estado de São Paulo.

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: Número de Pedidos de Patentes Publicados sobre Células-tronco (2º semestre de 2009) x Classificação Internacional de Patentes (CIP)



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 16/07/2010.

De acordo com o gráfico 2, acima, observam-se 212 ocorrências da classificação C12N 5/06, referente a “Células ou tecidos animais” ; 193 ocorrências da C12N 5/08, que agrega documentos relacionados a “Células ou tecidos de vertebrados, por ex., células ou tecidos humanos”; 94 ocorrências da A61K 35/12, correspondente a “Preparações medicinais contendo materiais derivados de mamíferos ou pássaros”; 80 ocorrências da C12N 5/00, que se refere a “Células não diferenciadas de animais ou plantas, por ex., linhagem de células; Tecidos; Sua cultura ou manutenção; Seus meios de cultura”; 74 ocorrências da classificação C12N 5/02, relacionada a “Propagação de células individuais ou de células em suspensão; Sua manutenção; Seus meios de cultura” ; 50 ocorrências da C12Q 1/68, referente a “Processos de medição ou ensaio envolvendo ácidos nucleicos”); 46 para C12Q 1/02, que se refere a “Processos de medição ou ensaio envolvendo micro-organismos viáveis; Composições para esse fim; Processos de preparação de tais composições”; 43 ocorrências na classificação C12N 5/10, que engloba documentos relacionados a “Células modificadas pela introdução de material genético exógeno, por ex., células transformadas por vírus”; 34 ocorrências para A61P 35/00, que está relacionada a “Agentes antineoplásticos”; 34 ocorrências em

C12N 15/09, correspondente à “Tecnologia do DNA recombinante”; e 33 ocorrências para a classificação A61P 43/00, que engloba documentos que se referem a “Drogas para fins específicos”. Cabe destacar que, por fins didáticos, optou-se por mostrar, no gráfico 2, somente as classificações com mais de 30 ocorrências entre os documentos de patente selecionados para o período.

A simples análise das classificações com maior incidência entre os documentos de patente sobre células-tronco que compõem este Alerta permite identificar que a maioria dos pedidos publicados sobre o tema entre julho e dezembro de 2009 está relacionada às células-tronco em si, a seus meios de cultura, manutenção e preparação, à sua propagação e a preparações medicinais contendo as referidas células.

No que diz respeito aos dois únicos pedidos com prioridade brasileira encontrados no presente levantamento (BRPI0704435 e BRPI0705561), estes se referem, respectivamente, a “dispositivo para filtração de medula óssea e separação de células-tronco hematopoéticas e congêneres” (A61J1/00) e ao “processo de obtenção de células-tronco a partir de células do músculo orbicular do lábio, composições e usos” (C12N5/02; A61K35/34; A61P19/00; C12N5/0775; C12Q1/02; C12Q1/37).

Tabela 2:
Dados bibliográficos dos pedidos de patente
publicados no 2º semestre de 2009
(Por ordem alfabética do nome do depositante)

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009150051 A2 20091217	DK20080000730 20080527; DK20080000726 20080527	AARHUS UNI [DK]; DUCH MOGENS RYTTERGAARD [DK]; MARKERT LOTTE [DK]; LOVMAND JETTE [DK]; FUECHTBAUER ANNETTE CHRISTINE [DK]; FUERCHTBAUER ERNST MARTIN [DK]; FOSS MORTEN [DK]; BESENBACHER FLEMMING [DK]; PEDERSEN FINN SKOU [DK]	C12M3/00; C12N5/00	Biocompatible materials for mammalian stem cell growth and differentiation
US2009193532 A1 20090730	US20080099459 20080408; US20060334806 20060118; US20040843704 20040511; US20000237272P 20001002; US20000211230P 20000612; US20010265585P 20010131; US20010963299 20010926; US20040875104 20040623; US20010880711 20010612; US20040935709 20040907; US20020060069 20020129	ABUIN ALEJANDRO [US]; EDWARDS JOEL A [US]; MONTGOMERY CHARLES [US]; RANGEL CAROLINA [US]; SANDS ARTHUR T [US]; SHI ZHENG- ZHENG [US]; SPARKS MARY JEAN [US]; VOGEL PETER [US]; ZAMBROWICZ BRIAN [US]	A01K67/027	Genetically Engineered and Phenotyped Mice and Stem Cell Clones for Producing the Same
US2009317366 A1 20091224	US20090510387 20090728; US20060358392 20060221	ACADEMIA SINICA [TW]	A61K35/12	Method for treating progressive neurodegenerative disorders

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009318345 A1 20091224	EP20060075119 20060119; WO2007NL50023 20070119	ACADEMISCH ZIEKENHUIS LEIDEN [NL]	A61K38/18; A61K38/17; G01N33/567	Means and methods for modulating stem cell mobilization
EP2121902 A2 20091125	WO2008US02380 20080222; US20070918543P 20070316; US20070993772P 20070914; US20070009432P 20071228; US20070902970P 20070223	ADVANCED CELL TECH INC [US]	C12N5/00; C12N5/02; C12N15/00	Highly efficient methods for reprogramming differentiated cells and for generating animals and embryonic stem cells from reprogrammed cells
US2009253588 A1 20091008	US20090322612 20090203; US20020227282 20020826; US20010314316P 20010824	ADVANCED CELL TECH INC [US]	C40B30/06; C12N5/06; C12N5/08; C12Q1/02; C12Q1/37; C12Q1/68; C40B40/02; G01N33/50; G01N33/53	Screening assays for identifying differentiation-inducing agents and production of differentiated cells for cell therapy
US2009271335 A1 20091029	US20060083799 20061020; US20050729173P 20051020; WO2006US40985 20061020	ADVANCED CELL TECH INC [US]	G06Q90/00; C12N5/06; C12N5/10; C12N15/85; C40B40/02	Totipotent, Nearly Totipotent or Pluripotent Mammalian Cells Homozygous or Hemizygous for One or More Histocompatibility Antigen Genes
SG155236 A1 20090930	US20040538964P 20040123	ADVANCED CELL TECH INC [US]	A01N63/00; A61K35/44; A61K48/00; C12N5/06	Improved modalities for the treatment of degenerative diseases of the retina
WO2009085212 A1 20090709	US20070008384P 20071219; US20080066743P 20080222	ADVANCED CELL TECH INC [US]; LANZA ROBERT [US]	C12N5/00	Methods for producing pluripotent stem cell-generated embryos, and animals derived therefrom

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009137629 A2 20091112	US20080126803P 20080506; US20080189491P 20080819; US20080190282P 20080826	ADVANCED CELL TECH INC [US]; LANZA ROBERT [US]; LU SHI- JIANG [US]	C12N5/08	Methods for producing enucleated erythroid cells derived from pluripotent stem cells
CN101480410 A 20090715	CN20091025086 20090218	AFFILIATED DRUM TOWER HOSPITAL [CN]	A61K35/44	Application of umbilical cord mesenchymal stem cells in preparing medicament for treating autoimmune disease
CN101485685 A 20090722	CN20091025085 20090218	AFFILIATED DRUM TOWER HOSPITAL [CN]	A61K35/28	Application of mesenchymal stem cells in preparing medicament for treating autoimmune disease
CN101481677 A 20090715	CN20091045948 20090122	AFFILIATED HUASHAN HOSPITAL OF [CN]	C12N5/08	Method for maturing dendritic cell by in vitro stimulation
WO2009105044 A1 20090827	US20080066671P 20080222	AGENCY SCIENCE TECH & RES [SG]; LIM SAI KIANG [SG]	A61K35/12; C12N5/06	Mesenchymal stem cell particles
WO2009116951 A2 20090924	US20080069694P 20080317; US20080110256P 20081031; US20090148064P 20090129; US20090155940P 20090227	AGENCY SCIENCE TECH & RES [SG]; OH STEVE [SG]; LECINA MARTI [SG]; CHOO ANDRE [SG]; REUVENY SHAUL [SG]; ZWEIGERT ROBERT [SG]; CHEN ALLEN [SG]	C12N5/06; C12N5/00	Microcarriers for stem cell culture
US2009170203 A1 20090702	US20080968180 20080101	AHARONIAN GREGORY P [US]	C12N15/87; C12N5/06	Methods for female mammalian spermatogenesis and male mammalian oogenesis using synthetic nanobiology
KR20090093757 A 20090902	KR20080073300 20080728; KR20080019136 20080229	AJOU UNIV IND ACAD COOP FOUND [KR]	G01N35/00	Cell-chip and automatic controlled system capable of detecting conditions for optimizing differentiation of stem cell using mechanical stimuli
US2009269311 A1 20091029	US20080081880 20080423	AJOU UNIV IND ACAD COOP FOUND [KR]	A61K35/12; A61P43/00	Method for treating multiple system atrophy

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2089042 A2 20090819	WO2007US84037 20071108; US20060857547P 20061108	ALDAGEN INC [US]	A61K35/38; A61K35/44; A61P35/00	Methods for improved engraftment following stem cell transplantation
EP2089041 A2 20090819	WO2007US84022 20071108; US20060857541P 20061108	ALDAGEN INC [US]; UNIV DUKE [US]	A61K35/14; A61P7/00; A61P7/06	Methods for using aldhbr cells to supplement stem cell transplantation
WO2009132196 A2 20091029	US20080047296P 20080423	ALPHAGENE BIOSCIENCE INC [US]; PANJA ASIT [US]	C12Q1/68; C12Q1/02	Drug discovery methods involving a preclinical, in vitro isolated gastrointestinal epithelial stem cell-like progenitor cell system
KR20090092235 A 20090831	KR20080017034 20080226	AMOREPACIFIC CORP [KR]	A61K8/97; A61Q19/08	Composition for inhibiting aging containing extracts from plant buds
KR20090091644 A 20090828	KR20080016853 20080225	AMOREPACIFIC CORP [KR]	A61K8/97; A61Q19/00	Cosmetic composition for skin moisturizing containing criste marine callus culture filtrate
WO2009107984 A2 20090903	KR20080017034 20080226; KR20090015228 20090224	AMOREPACIFIC CORP [KR]; CHANG HUIKYOUNG [KR]; MIN DAE-JIN [KR]; PARK WON-SEOK [KR]; CHUNG JIHYE [KR]; PARK NOK-HYUN [KR]; CHOI HYUNJUNG [KR]; KIM JIHYUN [KR]; KIM JI YEONG [KR]	A61K8/97; A61Q19/08	Composition for preventing skin aging containing plant sprout extracts
WO2009120879 A1 20091001	US20080039652P 20080326	AMS RES CORP [US]; KOULLICK EDOUARD A [US]; SCHROEDER TANIA MARIE [US]; SAUNTER NATALIE ANN [US]	C12N5/08	Treatment of pelvic floor disorders with an adipose-derived cell composition
CN101516385 A 20090826	US20060830651P 20060712	ANGIOBLAST SYSTEMS INC [US]	A61K35/28; A61P7/04; A61P9/00; A61P9/10; A61P17/00; A61P19/02; A61P27/02; A61P31/04; A61P35/00	Treatment of excessive neovascularization

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090130152 A 20091217	US20010309196P 20010731; US20020382155P 20020520	ANORMED INC [CA]	A61K31/55; A61K45/00; A61K31/33; A61K31/395; A61K31/496; A61K31/551; A61K31/555; A61K38/00; A61K38/19; A61P7/00; A61P7/06; A61P17/02; A61P31/04; A61P35/02; A61P37/00; A61P37/04; A61P43/00	A pharmaceutical composition for use in transplantation by mobilizing progenitor/stem cells
MX2009008563 A 20091019	US20070901067P 20070212; WO2008US01831 20080212	ANTHROGENESIS CORP [US]	A61K35/44; A61K35/50; A61K35/64; A61K38/21; A61P37/06; C12N5/06	Treatment of inflammatory diseases using placental stem cells.
MX2009008559 A 20090821	US20070901066P 20070212; US20070901076P 20070212; US20070905664P 20070307; US20070906064P 20070308; US20070966577P 20070828; WO2008US01830 20080212	ANTHROGENESIS CORP [US]	C12N5/08; A01K67/027; A61F2/30; A61K35/50; A61L27/38; A61P1/16;	Hepatocytes and chondrocytes from adherent placental stem cells; and cd34+, cd45- placental stem cell-enriched cell populations.
NZ566132 A 20090925	US20030447252P 20030213	ANTHROGENESIS CORP [US]	A01N65/00; A01N1/02; A01N63/00; A61K35/12; A61K35/14; A61K35/50; A61P25/16; A61P29/00; C12N5/08	Use of umbilical cord blood to treat inflammation, parkinson's disease or diabetes
ZA200803929 A 20090826	US20050727601P 20051013	ANTHROGENESIS CORP [US]		Production of oligodendrocytes from placenta-derived stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
NZ553745 A 20090731	NZ20030553745 20031125	ANTHROGENESIS CORP [US]		Cytherapeutic units comprising CD34-, OCT-4+ postpartum placental cells and methods of using such in the manufacture of medicaments
CN101514356 A 20090826	US20030515291P 20031028	ANTICANCER INC [US]	C12Q1/02; A01N63/00; C12Q1/00; G01N21/64; G01N33/50	Angiogenesis models using nestin-expressing stem cells to image nascent blood vessels
CN101506352 A 20090812	WO2006CH00425 20060811	AO RES INST DAVOS [CH]	C12N5/06	Identification and selection of stem cells being committed to differentiate to a specific type for obtaining a homogeneous population of stem cells
BRPI0704435 A2 20090721	BR2007PI04435 20071126	ARDITO ROBERTO VITO [BR]	A61J1/00	Dispositivo para filtração de medula óssea e separação de células-tronco hematopoéticas e congêneres
US2009226536 A1 20090910	US20050574606 20050902; US20040606819P 20040902; WO2005IB02803 20050902	ARENAS ERNESTO A [SE]; CASTELO BRANCO GONCALO [SE]; RAWAL NINA [SE]	A61K35/30; A61K35/12; A61P25/16; C12N5/06; C12N15/87; C12Q1/02; C12Q1/68	Methods and materials relating to enhanced production of dopamine neurons
US2009324618 A1 20091231	US20070294195 20070326; US20060785532P 20060324; US20060852021P 20061016; WO2007US07448 20070326	ARMSTRONG SCOTT A [US]; KRIVTSOV ANDREI V [US]	A61K39/395; A61K31/7088; A61K31/7105; C12N5/06; C12Q1/68; G01N33/574	Novel signature self renewal gene expression programs
EP2100954 A1 20090916	EP20080300138 20080310	ASSIST PUBL HOPITAUX DE PARIS [FR]	C12N5/06	Method for generating primate cardiac progenitor cells for clinical use from primate embryonic stem cells, and their applications

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009325288 A1 20091231	JP20060125148 20060428; JP20070019531 20070130; WO2007JP59242 20070427	ASUBIO PHARMA CO LTD [JP]	C12N5/08; C12N5/02	Method for inducing differentiation of pluripotent stem cells into cardiomyocytes
US2009286695 A1 20091119	EP20060000452 20060111; EP20060022458 20061027; WO2007IT00021 20070110	AXXAM S P A [IT]	C40B30/06; C12N5/10	Luminescent stem cells and uses thereof
WO2009121503 A2 20091008	EP20080006238 20080331	BADER AUGUSTINUS [DE]	A61K35/14; A61K35/16; A61K35/28	Method and composition for regenerating tissue with the aid of stem or bone marrow cells
ES2324011 A1 20090728	ES20090000005 20090102	BANC DE SANG I TEIXITS [ES]	C12N5/0775	Procedimiento para la obtencion de celulas madre mesenquimales a partir de la fraccion mononuclear de la medula osea humana
CN101548984 A 20091007	CN20091064997 20090525	BAOYIN ZHANG [CN]	A61K33/00; A61P7/06 A61K31/475; A61K31/573; A61K31/7076;	Medicine liquor prepared by multi-medicine for exciting hematopoiesis functional and application for treating hematopathy
US2009220564 A1 20090903	US20060063792 20060818; US20050710009P 20050819; WO2006US32259 20060818	BAUMBACH WILLIAM R [US]; SHANKAR HARIHARAN [US]; BEN- JOSEPH ODED [US]	A61F2/00; A61K39/395	Methods of treating and preventing acute myocardial infarction
US2009221003 A1 20090903	US20090389265 20090219; US20080066682P 20080221	BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]	G01N33/566; C07K16/28; C12N5/16	Procedure for the generation of a high producer cell line for the expression of a recombinant anti-cd34 antibody
WO2009137772 A2 20091112	US20080127090P 20080509	BAYLOR COLLEGE MEDICINE [US]; ZWAKA THOMAS P [US]; FUJITA JUN [US]; CRANE ANA	C12N5/08	Cleavage of nanog by caspases mediates the differentiation of embryonic stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
		[US]; DEJOSEZ MARION [US]		
CN101560496 A 20091021	CN20091083085 20090430	BEIJING CELLONIS BIOTECHNOLOGI [CN]	C12N5/08; A61K39/00; A61P35/00; C12N13/00; C12Q1/02	Dendritic cell carried by tumor stem cell antigen and subjected to tolerance screening, preparation method and application thereof, kit and vaccine comprising dendritic cell
CN101538554 A 20090923	CN20091082778 20090430	BEIJING CELLONIS BIOTECHNOLOGI [CN]	A61P35/00; A61P39/00; C07K14/435; C12N13/00; C12Q1/02	Survivability-screened cancer stem cells, preparation method, application and kit as well as antigen composite thereof, preparation method, application and kit
CN101469322 A 20090701	CN20071304710 20071227	BEIJING HEALTH & BIOTECH BIOTE [CN]	C12N5/08	Cell preparation for liver injury and hepatic cirrhosis and preparation thereof
CN101591642 A 20091202	CN20081110780 20080530	BEIJING HONGTIANJI NEUROSCIENC [CN]	C12N5/08; A61K35/54; A61P25/00	Method for inducing proliferation and differentiation of olfactory stem cells by co-culture of two kinds of olfactory cells
CN101591641 A 20091202	CN20081110779 20080530	BEIJING HONGTIANJI NEUROSCIENC [CN]	C12N5/08; A61K35/54; A61P25/00	Method for inducing differentiation of olfactory stem cells by olfactory ensheathing cell culture supernatant
CN101531995 A 20090916	CN20081084947 20080310	BEIJING HONGTIANJI NEUROSCIENC [CN]	A61K35/54; A61P25/00; A61P25/28	Method for cultivating and increasing human embryo neural stem cells
CN101603025 A 20091216	CN20081114901 20080613	BEIJING HUASHENG XINGBANG BIOT [CN]	C12N5/06	Embryonic stem cell (ES)-type pluripotent cell and preparation method thereof
CN101548988 A 20091007	CN20091009463 20090225	BEIJING SAIER TAIHE BIO PHARM [CN]	A61K35/36; A61K9/10; A61P17/02	Injection for treating skin defects and preparation method thereof
US2009252742 A1 20091008	US20080082940 20080414; US20070923499P 20070413	BERGSTEIN IVAN [US]	A61K39/395; C07K16/24	IL3Ralpha antibody conjugates and uses thereof
WO2009145419 A2 20091203	KR20080030237 20080401	BIO SPECTRUM INC [KR]; PARK DEOK HOON [KR]; LEE JIENNY [KR]; LEE JONG SUNG [KR]	C12N5/06	Composition comprising vegetable peptone for promoting stem cell proliferation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009318962 A1 20091224	US20090489557 20090623; US20090165055P 20090331; US20080086879P 20080807; US20080075122P 20080624	BIOACTIVE SURGICAL INC [US]	A61B17/04; A61L17/06	Surgical sutures incorporated with stem cells or other bioactive materials
US2009291496 A1 20091126	US20090511210 20090729; US20090360397 20090127; US20060417719 20060504; US20080085614P 20080801	BIODONTOS LLC [US]	C12N5/08; C12N5/06	Neural Stem Cell Isolates from the Dental Papillary Annulus of Developing Teeth
WO2009120996 A1 20091001	US20080039966P 20080327; US20080039978P 20080327	BIOLIFE SOLUTIONS INC [US]; NICOUD IAN B [US]; CLARKE DOMINIC M [US]; MATHEW ABY J [US]; RICE MICHAEL [US]	A01N1/02; A61K35/00	Mehtod, system, and apparatus for hypothermic collection, storage, transport and banking of birth tissue
US2009232906 A1 20090917	US20080075980 20080314	BIONUMERIK PHARMACEUTICALS INC [US]	A61K33/24; A61K31/185; A61P35/00	Treatment methods and compositions for lung cancer, adenocarcinoma, and other medical conditions
WO2009113983 A1 20090917	WO2008US03405 20080314	BIONUMERIK PHARMACEUTICALS INC [US]; HAUSHEER FREDERICK H [US]	A61K31/255; A61K31/095	Treatment methods and compositions for lung cancer, adenocarcinoma, and other medical conditions
US2009192454 A1 20090730	US20090418551 20090403; US20070897389 20070829; US20060841009P 20060829	BOLAND EUGENE [US]; WILLIAMS STUART K [US]; KOSNIK PAUL E [US]	A61M25/10; A61M5/178; A61M25/00	Catheter for cell delivery

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2703866 A1 20090820	EP20080101682 20080215; EP20080158285 20080613; WO2009EP51739 20090213	BONE THERAPEUTICS [BE]	A61K31/4168; A61K9/00; A61K31/726; A61K31/728; A61P19/02	Pharmaceutical composition for use in the treatment and/or the prevention of osteoarticular diseases
EP2090308 A1 20090819	EP20080101683 20080215	BONE THERAPEUTICS [BE]	A61K31/4168; A61K9/00; A61K31/726; A61K31/728; A61K35/28; A61K35/32; A61P19/02	Pharmaceutical composition for the treatment or prevention of osteoarticular diseases
EP2090307 A1 20090819	EP20080101682 20080215	BONE THERAPEUTICS [BE]	A61K31/4168; A61K9/00; A61K31/726; A61K31/728; A61P19/02	Pharmaceutical composition for the treatment or prevention of osteoarticular diseases
WO2009135905 A2 20091112	EP20080155764 20080507	BONE THERAPEUTICS [BE]; BADOER CINDY [BE]; BASTIANELLI ENRICO [BE]; PESESSE XAVIER [BE]	C12N5/08	Novel mesenchymal stem cells and bone-forming cells
WO2009087213 A1 20090716	EP20080000458 20080111	BONE THERAPEUTICS [BE]; BADOER CINDY [BE]; BASTIANELLI ENRICO [BE]; PESESSE XAVIER [BE]	C12N5/06	Osteogenic differentiation of bone marrow stem cells and mesenchymal stem cells using a combination of growth factors
WO2009101210 A1 20090820	EP20080101683 20080215; EP20080158284 20080613	BONE THERAPEUTICS [BE]; BASTIANELLI ENRICO [BE]	A61K31/4168; A61K9/00; A61K31/726; A61K31/728; A61K35/28; A61K35/32; A61P19/02	Pharmaceutical composition for use in the treatment or prevention of osteoarticular diseases
US2009252711 A1 20091008	US20070300422 20070511; US20060799339P 20060511; WO2007IB03767 20070511	BOQUEST ANDREW CRAIG [AU]; COLLAS PHILLIPE [NO]	A61K35/12; A01K67/027; C12N5/06; C12Q1/68	Stem cells and methods of making and using stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009191631 A1 20090730	DE200610031871 20060710	BORNEMANN REIMHARD [DE]	C12N5/06; C12M1/00	3-D petri-dish for the culture and studies of cells
WO2009089110 A2 20090716	US20080019040P 20080104	BOSTON SCIENT SCIMED INC [US]; FREYMAN TOBY [US]; NAIMARK WENDY; PALASIS MARIA	A61K49/00; A61K35/12	Methods for repair and regeneration of bone marrow
US2009186407 A1 20090723	US20080104364 20080416; US20040486408 20041004; WO2002US25102 20020806; US20010310355P 20010806	BRESAGEN INC [US]	C12N5/08; C12N5/02; C12N5/06	Alternative Compositions and Methods for the Culture of Stem Cells
US2009281308 A1 20091112	US20090467006 20090515; US20040831098 20040422; US20030505230P 20030922; US20030464858P 20030422	BRIDGER GARY J [US]; MCEACHERN ERNEST J [CA]; SKERLJ RENATO [US]; SCHOLS DOMINIQUE [BE]; BAIRD IAN [CA]; KALLER AL [CA]; HARWIG CURTIS [CA]; ZHU YONGBAO [CA]; CHEN GANG [CA]; SKUPINSKA KRYSTYNA [CA]; METZ MARKUS [CA]	C07D401/14; A61K31/444; C07D409/14; C07D413/14; C07D417/04	Chemokine receptor binding heterocyclic compounds with enhanced efficacy
WO2009101407 A2 20090820	GB20080002501 20080211; GB20080005508 20080326; GB20080019324 20081021	CAMBRIDGE ENTPR LTD [GB]; SMITH AUSTIN GERARD [GB]; DA SILVA JOSE CARLOS REBELO [GB]; GUO GE [GB]	C12N5/06	Improved reprogramming of mammalian cells, and the cells obtained
WO2009147445 A1 20091210	GB20080010209 20080604	CAMBRIDGE ENTPR LTD [GB]; YEAP LENG-SIEW [GB]; HAYASHI KATSUHIKO [GB]; SURANI AZIM [GB]	C12N9/10; C12N5/06	Pluripotency associated epigenetic factor

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009221683 A1 20090903	US20060090046 20061018; US20050728133P 20051018; WO2006US40957 20061018	CARITAS ST ELIZABETH MEDICAL C [US]	A61K31/7088	Combination of CXCR4 Antagonist and Morphogen to Increase Angiogenesis
US2009185978 A1 20090723	US20080285587 20081009; SE20030001087 20030414; US20040553226 20040414; WO2004SE00580 20040414; US20030320112P 20030416	CARTELA R & D AB [SE]	A61K49/00; A61K39/395; C07K16/00; C12N5/00; C12N5/02; C12N5/06; C12N5/08; G01N33/567	Monoclonal antibody capable of binding integrin alpha 10 beta 1
WO2009145488 A2 20091203	KR20080031028 20080403	CATHOLIC UNIVERSITY INDUSTRY A [KR]; KWON OH JOO [KR]; CHO YOON MI [KR]	C12N15/10	Xbp1(s) protein acting as an adipocyte differentiation marker having a facility to regulate differentiation into adipocytes, and an application therefor
EP2084267 A2 20090805	WO2007US79600 20070926; US20060826955P 20060926	CEDARS SINAI MEDICAL CENTER [US]	C12N5/06	Cancer stem cell antigen vaccines and methods
NZ567594 A 20091127	US20020424730P 20021106	CELGENE CORP [US]	A61K48/00; A61K45/06; A61K31/445; A61K31/454; A61K31/724; A61K39/395; C07D401/04	Methods of using and compositions comprising immunomodulatory compounds for the treatment and management of myeloproliferative diseases

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009256369 A 20091105	US20020372348P 20020412; US20020437348P 20021231; US20020437350P 20021231	CELGENE CORP [US]	A61K35/12;A61K35/28; A61K35/44;A61K35/48; A61K35/50; A61P3/00; A61P3/10; A61P5/14; A61P7/06; A61P9/00; A61P9/10; A61P13/12; A61P19/00;A61P25/00; A61P25/14;A61P25/16; A61P25/28;A61P27/02; A61P27/06;A61P29/00; A61P35/00; C12N5/06	Modulation of stem cell and progenitor cell differentiation, assay and use thereof
CN101495111 A 20090729	US20060808602P 20060526	CELGENE CORP [US]	A61K31/165	Methods and compositions using immunomodulatory compounds in combination therapy
EP2083071 A1 20090729	EP20080450009 20080125	CELL MED RES GMBH [AT]	C12N5/00	Medium for propagating and expanding stem cells
WO2009092789 A1 20090730	EP20080450009 20080125; EP20080101216 20080201	CELL MED RES GMBH [AT]; RUBIOLO CRISTINA [AT]; STADELMANN SILKE [AT]	C12N5/00	Medium for propagating and expanding stem cells
JP2009278961 A 20091203	JP20080137333 20080526	CELL REMOVER KK [JP]	C12N5/06	Cell culture substrate
US2009274665 A1 20091105	US20070298695 20070427; US20060745848P 20060427; WO2007CA00743 20070427	CELL THERAPY TECHNOLOGIES INC [CA]	A61K35/12; A61P11/00; C12N5/06	Stem cells for treating lung diseases
WO2009152084 A2 20091217	US20080060701P 20080611; US20090168148P 20090409	CELL4VET LLC [US]; LIN CHING SHWUN [US]; LUE TOM F [US]; LIN GUITING [US]	A61K35/12; A61P13/00	Adipose tissue-derived stem cells for veterinary use

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
GB2458429 A 20090923	WO2008EP00190 20080111; US20070879799P 20070111	CELLARTIS AB [SE]	C12N5/06; C12N5/08	Novel mesenchymal progenitor cells derived from human blastocyst-derived stem cells
JP2009148294 A 20090709	SE20010004471 20011228; US20010342771P 20011228	CELLARTIS AB [SE]	C12N5/02; C12N5/06; A61K35/12; A61K35/54; A61K38/22; A61K38/26; A61K38/28; A61K38/45; A61L27/00; A61P1/18; A61P3/10; A61P5/48; A61P9/10; A61P25/00; A61P25/02; A61P25/14; A61P25/16; A61P25/28; A61P35/00; C12N5/08	Method for establishment of pluripotent human blastocyst-derived stem cell line
EP2076770 A1 20090708	WO2007EP08576 20071002; US20060849583P 20061002; US20070903775P 20070226	CELLARTIS AB [SE]	G01N33/50	Novel toxicity assay based on human blastocyst-derived stem cells and progenitor cells
CN101517069 A 20090826	DK20060000970 20060713	CELLARTIS AB [SE]	C12N5/06	A novel population of multipotent cardiac precursor cells derived from human blastocysts derived stem cells
US2009269830 A1 20091029	US20070225201 20070316; DK20060000381 20060317; DK20060001344 20061017; US20060783054P 20060317; US20060851743P 20061016; WO2007EP02346 20070316	CELLARTIS AB [SE]	C12N9/76; C12N5/08; C12N9/00; C12N9/48	Culture System and Method for Propagation of Human Blastocyst-Derived Stem Cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101497873 A 20090805	US20030469320P 20030508	CELLARTIS AB [SE]	C12N5/08; A01N1/02	Cryopreservation of human blastocyst-derived stem cells by use of a closed straw vitrification method
WO2009120905 A2 20091001	US20080039701P 20080326	CELLERANT THERAPEUTICS INC [US]; KARSUNKY HOLGER [US]	C07K16/28; A61K39/395; A61P35/00; C12Q1/68	Immunoglobulin and/or toll-like receptor proteins associated with myelogenous haematological proliferative disorders and uses thereof
US2009208464 A1 20090820	US20070161911 20070123; US20060761441P 20060124; WO2007US60889 20070123	CENTENO CHRISTOPHER J [US]	A61K35/12	Mesenchymal stem cell isolation and transplantation method and system to be used in a clinical setting
CN101484575 A 20090715	US20050688637P 20050608	CENTOCOR INC [US]		A cellular therapy for ocular degeneration
WO2009132063 A2 20091029	US20080108872 20080424	CENTOCOR ORTHO BIOTECH INC [US]; REZANIA ALIREZA [US]	C12N5/06	Pluripotent cells
US7601534 B1 20091013	FR19990007011 19990603; WO2000FR01486 20000530	CENTRE NAT RECH SCIENT [FR]	C12N5/00; A61K35/12; A61P1/16; A61P9/00; A61P13/12; A61P17/00; A61P19/00; A61P25/00; C12N5/02; C12N5/06; C12N5/08	Method for multiplying stem cells
KR20090129230 A 20091216	KR20080055381 20080612	CHABIO & DIOSTECH CO LTD [KR]	A61K35/12; A61K35/14	Therapeutic method for wound-healing using human embryonic stem cell derived vascular angiogenic progenitor cells(hesc-vapcs)
US2009263493 A1 20091022	US20090378334 20090213; US20090204882P 20090112; US20080132417P 20080618; US20080125077P 20080422	CHELMINSKI STEPHEN [US]	A61K35/24	Method for making synthetic slug slime and medical use of synthetic and or actual slug slime

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009221072 A1 20090903	US20090465053 20090513; US20060354484 20060215; US20070799623 20070502; US20080052779P 20080513; US20080052781P 20080513	CHEN THOMAS T [US]; CHEN MARIA J M [US]	C12N5/06	Compositions and methods for modulating cell differentiation
US2009191165 A1 20090730	US20090354470 20090115; US20060516378 20060906	CHENG HENRICH [TW]; HUANG SHIANG-SUO [TW]; TSAI SHEN- KOU [TW]	A61K35/12; A61P9/00	Fibrin glue composition for repairing nerve damage and methods thereof
WO2009114725 A2 20090917	US20080069073P 20080312	CHILDRENS HOSP MEDICAL CENTER [US]; ZHENG YI [US]	A61K31/403	Mobilization of hematopoietic stem cells
CN101495623 A 20090729	US20060785968P 20060324	CHILDRENS MEDICAL CENTER [US]	C12N5/22	Method to modulate hematopoietic stem cell growth
WO2009155041 A2 20091223	US20080056621P 20080528; US20090177720P 20090513	CHILDRENS MEDICAL CENTER [US]; GEN HOSPITAL CORP [US]; BETH ISRAEL HOSPITAL [US]; BRIGHAM & WOMENS HOSPITAL [US]; ZON LEONARD I [US]; NORTH TRISTA E [US]; GOESSLING WOLFRAM [US]	C12N5/02; A61K31/04; A61P37/06; C12N5/00	Method to modulate hematopoietic stem cell growth
US2009186801 A1 20090723	US20080045134 20080310; US20070829070 20070726; US20060820740P 20060728; US20070941343P 20070601	CHILDRENS MEMORIAL HOSPITAL [US]	A61K38/00; A61P35/00	Methods of Inhibiting Tumor Cell Aggressiveness Using The Microenvironment of Human Embryonic Stem Cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2074209 A2 20090701	WO2007US74529 20070726; US20060820740P 20060728; US20070941343P 20070601	CHILDRENS MEMORIAL HOSPITAL [US]	C12N5/06; C07K14/00; G01N33/00	Methods of inhibiting tumor cell aggressiveness using the microenvironment of human embryonic stem cells
CN101543644 A 20090930	CN20081102842 20080327	CHINA PLA GENERAL HOSPITAL [CN]	A61F2/28; A61L27/38	Constructing method of bracket-free engineering cartilaginous tissue and product thereof
CN101575590 A 20091111	CN20051016256 20050228; CN20061067537 20060227	CHINESE ACAD MED SCIENCE [CN]	C12N5/08	Method for preparing human umbilical cord mesenchymal stem cells
CN101613717 A 20091230	CN20091038747 20090417	CHINESE ACADEMY OF SCIENCES GU	C12N15/867	Method for generating and inducing pluripotent stem cells by using pig fibroblasts
CN101530427 A 20090916	CN20091006209 20090203	CHONGQING SOUTHWEST HOSPITAL	A61K33/26; A61K35/14; A61P7/06	Pharmaceutical composition for promoting hematopoiesis and preparation method thereof
US7563825 B1 20090721	US20060377898 20060316; US20050663363P 20050318	CHOONGWAE PHARMA CORP [KR]	A01N25/00	Modulation of beta-catenin coactivator interactions to effect stem cell growth or differentiation
US2009197317 A1 20090806	US20070940927 20071115; JP19990252190 19990906; US20050079947 20050315; US20020092925 20020306; WO2000JP06050 20000906	CHUGAI PHARMACEUTICAL CO LTD [JP]	C12N9/96; C07K14/00; C07K14/475; C07K16/18	Tsg-like gene
CN101500609 A 20090805	JP20060165279 20060614	CHUGAI PHARMACEUTICAL CO LTD [JP]	A61K45/00; A61K39/395; A61P7/06;	Hematopoietic stem cell proliferation promoter

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
			A61P35/02; A61P43/00	
US2009252716 A1 20091008	US20090417689 20090403; US20080042356P 20080404	CLARIAN HEALTH PARTNERS INC D [IN]	A61K31/7076; A61K31/195; A61K31/4045; A61K31/429; A61K31/496; A61K31/5575; A61P35/00; C12Q1/02	Methods for identifying nuclear receptor/ligand combinations for targeting brain tumor stem cells and for their use
US2009226519 A1 20090910	US20050110223 20050419	CLAUDE CHARLES [US]; KWOK CONNIE[US]; MICHAL GENE[US]; QU JIHONG[US]; LIAO SOPHIA[US]	A61K9/14; A61K35/12; A61K38/16; A61P9/00	Hydrogel bioscaffoldings and biomedical device coatings
MX2009007391 A 20090813	US20070884162P 20070109; US20070889893P 20070214; US20070938564P 20070517; US20070013243P 20071212; WO2008US50644 20080109	CLEVELAND BIOLABS INC [US]	A61K38/14	Methods for increasing and mobilizing hematopoietic stem cells.
US2009252700 A1 20091008	US20090380469 20090227; US20080283661 20080915; US20050176544 20050707; US20040753779 20040108; US20080031909P 20080227; US20030439201P 20030110	CLEVELAND CLINIC FOUNDATION [US]	A61K31/775; A61P19/00; C08B37/00; C08G63/91; C08G65/48	Hydroxyphenyl cross-linked macromolecular network and applications thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009246179 A1 20091001	US20090369491 20090211; US20080027767P 20080211	CLEVELAND CLINIC FOUNDATION [US]	A61K35/00; A61P9/00	Method of treating myocardial injury
KR20090115478 A 20091105	KR20080041365 20080502	CLINETTEURAK CO [KR]; LEE JUNG JA [KR]; KIM JIN HEE [KR]	A61K8/98; A61K8/14; A61Q19/08	Cosmetic composition comprising stem cell cultured products stabilized in nanosome as active ingredient
BRPI0606678 A2 20090707	US20050643436P 20050111; WO2006US00839 20060110	COGNATE THERAPEUTICS INC [US]	A01N63/00; A61K35/14	Células estromais da medula óssea para imunoproteção de células-tronco neurais transplantadas
US2009286242 A1 20091119	US20080331832 20081210; US20070007010P 20071210; US20070007754P 20071213	COLD SPRING HARBOR LAB [US]	C12Q1/68	Microrna Expression Profiling and Uses Thereof
KR20090123768 A 20091202	US20080071937P 20080527	COLLEGE OF MEDICINE POCHON CHA [KR]	C12N5/08; C07K19/00; C12N5/02	Method for producing reprogrammed pluripotent stem cells using protein transduction domain
KR20090108141 A 20091015	KR20080033415 20080411	COLLEGE OF MEDICINE POCHON CHA [KR]	C12N15/63; C12N15/07; C12N15/09	Method for inhibiting premature senescence of mesenchymal stem cells
KR20090105273 A 20091007	KR20080030633 20080402	COLLEGE OF MEDICINE POCHON CHA [KR]	C12Q1/68	Method for detecting self-renewality of mouse embryonic stem cells
KR20090076483 A 20090713	KR20080002458 20080109	COLLEGE OF MEDICINE POCHON CHA [KR]	C12N5/08; C12N5/00; C12N5/02; C12N5/06	Method for the differentiation of mesenchymal stem cells to osteoblasts and medium for the differentiation thereof
WO2009121999 A1 20091008	ES20080000957 20080404	CONSEJO SUPERIOR INVESTIGACION [ES]; FUNDACION PROGRESO Y SALUD [ES] ; BARROSO DEL JESUS ALICIA [ES] MENENDEZ BUJAN PABLO [ES]; LUCENA AGUILAR GEMA [ES]; BERZAL HERRANZ ALFREDO [ES]; ROMERO LOPEZ CRISTINA [ES]	C12N15/11; C12N5/10; C12N15/65	Specific promoter of stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009136283 A2 20091112	US20080127067P 20080508	CORETHERAPIX SLU [ES]; GINARD BERNARDO NADAL [ES]	C12N5/06	Multipotent adult stem cell population
US2009311323 A1 20091217	US20060919527 20060428; US20050675947P 20050428; WO2006US16369 20060428	CORTIELLA JOAQUIN [US]; NICHOLS JOAN E [US]; NILES JEAN A [US]; LEE ERIC [US]; PROUGH DONALD [US]	A61K35/12; A61K9/14; A61K38/20; C12N5/08	Autologous somatic cells from peripheral blood and uses thereof
ECSP099609 A 20091228	US20070904836P 20070301; US20070918961P 20070320; US20070994166P 20070917	CRYO CELL INT [US]	C12N5/00	Obtención, aislamiento y criopreservación de células endometriales/ menstruales
WO2009115581 A2 20090924	EP20080152993 20080319	CRYO SAVE AG [CH]; WOUTERS GUY [BE]; VAN WEMMEL KELLY [BE]; DE WAELE PETER [BE]	A01N1/02	Improved cryopreservation of adipose tissue for the isolation of mesenchymal stem cells
CN101495078 A 20090729	US20060771848P 20060208	CVAC SYSTEMS INC [US]	A61G10/00	Combination pressure therapy
WO2009154606 A1 20091223	WO2008US65686 20080603	CYTHERA INC [US]; D AMOUR KEVIN ALLEN [US]	C12N15/09; C12N5/00; C12P21/02	Growth factors for production of definitive endoderm
WO2009131568 A1 20091029	WO2008US61053 20080421	CYTHERA INC [US]; KELLY OLIVIA [US]; BANG ANNE [US]	C12N5/08; C12P21/06	Methods for purifying endoderm and pancreatic endoderm cells derived
JP2009269930 A 20091119	US20010322070P 20010914; US20020242094 20020912	CYTORI THERAPEUTICS INC [US]	A01N1/02; C12N5/08	Preservation of non-embryonic cell from non- hematopoietic tissue
US2009298178 A1 20091203	US20080132437 20080603	D AMOUR KEVIN ALLEN [US]	C12N5/06	Growth factors for production of definitive endoderm
CN101573442 A 20091104	US20060858145P 20061109	DAVID GLADSTONE INST [US]	C12N5/00	Methods for inducing cardiomyogenesis

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009092005 A2 20090723	US20080022081P 20080118	DAVID GLADSTONE INST [US]; SRIVASTAVA DEEPAK [US]; IVEY KATHRYN NICOLE [US]	C12N15/00; C12N5/06	Methods of generating cardiomyocytes and cardiac progenitors and compositions
EP2137297 A1 20091230	WO2008US60069 20080411; US20070923091P 20070411	DEUTSCH ROGER [US]	C12N5/07	Methods for diagnosing biological samples containing stem cells
ES2329583T T3 20091127	EP20030027383 20031127	DEVELOGEN AG [DE]	A61K38/18; A61P3/10; C12N5/06; G01N33/50	Metodo para prevenir y tratar la diabetes con neurturina.
US2009253201 A1 20091008	US20090456092 20090611; US20080148059 20080416; US20050249588 20051013; US20020214903 20020808; US19940333076 19941101; US19930145175 19931103	DIACRIN INC [US]	C12N5/06; C07K14/475; C07K14/715; C12N5/00; C12N5/02; C12N5/08; G01N33/50	Embryonic stem cells capable of differentiating into desired cell lines
EP2087100 A1 20090812	WO2007EP61610 20071029; EP20060123181 20061030; EP20070821967 20071029	DKFZ KREBSFORSCHUNGSZENTRUM [DE]; LANDESSTIFTUNG BADEN WUERTTEMBERG [DE]	C12N5/08; C12Q1/02	Labeling of human epidermal stem cells
US2009175833 A1 20090709	US20070160860 20070116; US20060759258P 20060113; WO2007US01107 20070116	DORE-DUFFY PAULA [US]; KATYSHEV ANDRE [US]; WANG XUEQIAN [US]	C12N5/06; A61K35/12; C12Q1/02	Pericytes for use as stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009226508 A1 20090910	US20070225140 20070315; US20060782672P 20060315; WO2007US06578 20070315	EATON JOHN W [US]; MITCHELI ROBERT A [US]	A61K35/12; A61K9/127; A61K38/20; A61K38/21; A61K39/00; A61K39/395; A61P35/00; C40B30/04; G01N33/53	Methods and materials for immunization against cancer
JP2009153383 A 20090716	JP20060102350 20060403	ECI INC [JP]	C12N5/06; A61K35/12; A61P1/16; C12N7/00; C12N15/09; C12Q1/02; C12Q1/70; G01N33/15	Method for producing mature hepatocyte-like cell
US2009202496 A1 20090813	US20060997069 20060727; US20050703073P 20050728; WO2006US29483 20060727	EDEN BIOTECH LTD [BS]	A61K35/14; A61P31/18; A61P37/04; C12N5/08	Method for regenerating an immune system
US2009269309 A1 20091029	US20050666257 20051028; US20040522690P 20041028; WO2005SE01626 20051028	EDLUND HELENA [SE]; OESTROEM MARIA [SE]	A61K35/12; C12N5/06; C12N5/08	Retinoic acid stimulates differentiation of pancreatic progenitor cells into insulin producing cells
CN101584883 A 20091125	CN20081037623 20080519	EENT HOSPITAL FUDAN UNIVERSITY [CN]	A61L27/38; A61F2/14; A61L27/18	Full-implanted artificial corneal stroma and preparation method thereof
US2009191173 A1 20090730	US20050791681 20051129; US20040631163P 20041129; US20050690498P 20050615; WO2005IL01275 20051129	EISENBACH-SCHWARTZ MICHAL [IL]; ARNON RUTH [IL]; BUTOVSKY OLEG [IL]; ZIV YANIV [IL]; KIPNIS JONATHAN [IL]; RON NOGA [IL]; EILAM RAYA [IL]; AHARONI RINA [IL]	A61K45/00; A61K38/07; A61P9/10; A61P25/14; A61P25/28	Induction of neurogenesis and stem cell therapy in combination with copolymer 1

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2621155 A1 20090829	US20080064366P 20080229	ELLIS JAMES [CA]; HOTTA AKITSU [CA]	C12N15/85; C12N5/10; C12N15/11; C12N15/867; C12Q1/04; G01N33/569	Stem cell expression cassettes
CN101563097 A 20091021	US20050737058P 20051114	ENTPR PARTNERS VENTURE CAPITAL [US]	A61K38/18; A61K38/19; A61P9/10	Stem cell factor therapy for tissue injury
JP2009247276 A 20091029	JP20080098782 20080404	ERII KK [JP]	C12N5/06; A61K35/12; A61L27/00	Thawed organ or tissue or thawed cell group to be donated, transplanted, added, or administered to living body, method for producing the same, and supercooled solution used therefor, and production apparatus for the same
AU2009213101 A1 20091008	AU20090213101 20090911; AU20030229132 20030605	ES CELL INT PTE LTD [SG]	C12N5/06; C12N5/08	Generation of neural stem cells from undifferentiated human embryonic stem cells
US2009197334 A1 20090806	US20090363194 20090130; AU2000PQ08242 20000620; AU2000PR01327 20001108; US20060499219 20060804; US20010885679 20010620	ES CELL INT PTE LTD [SG]	C12N5/08; C12N5/06	Methods of culturing embryonic stem cells and controlled differentiation
US2009202498 A1 20090813	US20060158521 20061222; US20050753434P 20051222; WO2006AU01969 20061222	ES CELL INT PTE LTD [SG]	A61K35/34; A61P9/00; C12N5/00; C12N5/02; C12N5/06; C12Q1/02	Direct differentiation of cardiomyocytes from human embryonic stem cells
WO2009096902 A1 20090806	SG20080000957 20080131	ES CELL INT PTE LTD [SG]; CHIPPERFIELD HIRAM [SG]; DUNN NORRIS RAY [SG]	C12N5/00	Method of differentiating stem cells
WO2009155334	US20080074547P	ESCAPE THERAPEUTICS INC	C12N5/02; A61P17/02;	Differentiation of mesenchymal stem cells into

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
A1 20091223	20080620	[US]; HANTASH BASIL M [US]	C12N5/06	fibroblasts, compositions comprising mesenchymal stem cell-derived fibroblasts, and methods of using the same
CN101517063 A 20090826	US20060833821P 20060728	EUDES DE CRECY [US]	C12M1/36; C12M1/24; C12M3/02; C12M3/06	Continuous culture apparatus with mobile vessel, allowing selection of fitter cell variants and producing a culture in a continuous manner
US2009232828 A1 20090917	US20070306606 20070703; US20060818568P 20060705; WO2007US15585 20070703	EXELIXIS INC [US]	A61K31/506; A61K31/496; A61K31/519; A61K31/5377; A61K35/28; A61P35/00 A61K39/395;	Methods of Using IGFIR and ABL Kinase Modulators
US2009191632 A1 20090730	US20090362974 20090130; US20080062890P 20080130; US20080062937P 20080130	FADEEV ANDREI G [US]; GEHMAN JENNIFER [US]; MARTIN ARTHUR WINSTON [US]; MELKOUIMIAN ZARA [US]; SHOGBON CHRISTOPHER B [US]; WEBER DAVID MICHAEL [US]; ZHOU YUE [US]	C12N5/02	Swellable (meth)acrylate surfaces for culturing cells in chemically defined media
US2009181409 A1 20090716	US20080008309 20080110	FANG YE [US]; LI GUANGSHAN [US]	G01N33/53	Optical biosensor method for cell-cell interaction
WO2009086425 A1 20090709	US20070017468P 20071228	FATE THERAPEUTICS INC [US]; RIVES ALEX [US]; ST JOHN TOM [US]; FAROUZ FRANCINE [US]	C12N5/08; C12N5/06	Methods for reprogramming cells to a pluripotent state and therapeutic applications related thereto
RU2375019 C1 20091210	RU20080132940 20080812	FEDERAL NOE G UCHREZHDENIE MNT [RU]	A61F9/007; A61K35/28; A61P27/02	Method of treating optic nerve atrophy of various etiology
RU2375023 C1 20091210	RU20080127279 20080708	FEDERAL NOE G UCHREZHDENIE MNT [RU]	A61F9/008; A61K35/28; A61P27/02	Method of increasing efficiency of photodynamic therapy of choroidal neovascularisation
RU2375016 C1 20091210	RU20080127278 20080708	FEDERAL NOE G UCHREZHDENIE MNT [RU]	A61F9/00; A61K35/28; A61P27/02	Method of treating "dry" form of age macular degeneration
RU2375022 C1 20091210	RU20080127277 20080708	FEDERAL NOE G UCHREZHDENIE MNT [RU]	A61F9/008; A61K35/28; A61P27/02	Method of treating optic nerve atrophy of various etiology

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
RU2375021 C1 20091210	RU20080127276 20080708	FEDERAL NOE G UCHREZHDENIE MNT [RU]	A61F9/008; A61K35/28; A61P27/02	Method of treating optic nerve atrophy of various etiology
RU2364382 C1 20090820	RU20080121546 20080529	FEDERAL NOE G UCHREZHDENIE MO [RU]	A61F9/00; A61P27/02; C12N5/077; C12N5/078; C12N5/0789	Method of increment in retina capacity with various pathologies
RU2373942 C2 20091127	RU20070148109 20071226	FEDERAL NOE G UCHREZHDENIE NTS [RU]	A61K35/00	Method for treating chronic and acute renal failure by foetal stem and progenitor cells
BRPI0606596 A2 20090707	US20050644587P 20050119; WO2006EP00398 20060118	FIDIA ADVANCED BIOPOLYMERS SRL [IT]	A61F2/02	Derivado de ácido hialurênico e células-tronco neurais para regeneração de sci e pnt
CN101497872 A 20090805	CN20081057539 20080202	FIELD INST OF BLOOD TRANSFUSIO [CN]	C12N5/08	Method for inducing human embryo stem cell for directional differentiation into hepatocyte and special culture medium
EP2090649 A1 20090819	EP20080101576 20080213	FOND TELETHON [IT]	C12N5/06; C12N5/08	Method for reprogramming differentiated cells
US2009169527 A1 20090702	US20080345385 20081229; US20040502723 20041027; WO2003US01129 20030114; US20020348955P 20020114	FORD HENRY HEALTH SYSTEM [US]	A61K45/00; A61K35/00; A61K35/30; A61P9/02; C12N5/06; C12N5/08; C12P21/04	Materials from bone marrow stromal cells for use in forming blood vessels and producing angiogenic and trophic factors
JP2009296889 A 20091224	JP20080151193 20080610	FOUNDATION FOR BIOMEDICAL RES [JP]	C12N5/06	Method for culturing hematopoietic stem cell
CN101579537 A 20091118	CN20091304099 20090707	FOURTH MILITARY MEDICAL UNIV [CN]	A61L27/38	Surface treatment method of tissue-engineered bioactive implant

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009232767 A1 20090917	US20090368048 20090209; US20070899747 20070907; US20060843471P 20060907; US20070932772P 20070601	FRANKEL ARTHUR E [US]	A61K38/20; A61P35/00	Methods and compositions based on diphtheria toxin-interleukin-3 conjugates
US2009297488 A1 20091203	US20090494211 20090629; US20040884871 20040701; US20020316127 20021209; US20010338856P 20011207; US20030503589P 20030917	FRASER JOHN K [US]; HEDRICK MARC H [US]; DANIELS ERIC [US]	A61K35/12; A61K45/00	Methods of using regenerative cells in the treatment of peripheral vascular disease and related disorders
US2009269315 A1 20091029	US20090414582 20090330; US20040783957 20040220; US20020316127 20021209; US20010338856P 20011207; US20030449279P 20030220; US20030462911P 20030415	FRASER JOHN K [US]; HEDRICK MARC H [US]; ZHU MIN [US]; STREM BRIAN M [US]; DANIELS ERIC [US]; WULUR ISABELLA [US]	A61K35/12; A61K35/36; C12N5/06; C12N5/08	Methods of using adipose tissue-derived cells in the treatment of cardiovascular conditions
US2009232782 A1 20090917	US20090378259 20090212; US20080069364P 20080314	FU YU-SHOW [TW]	A61K35/48	Method for treating brain ischemic injury through transplantation of human umbilical mesenchymal stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009232781 A1 20090917	US20090378254 20090212; US20080069326P 20080313	FU YU-SHOW [TW]	A61K35/12; A61P1/16	Treatment of liver diseases through transplantation of human umbilical mesenchymal stem cells
CN101496814 A 20090805	CN20091111271 20090313	FUJIAN MEDICAL UNIVERSITY UNIO [CN]	A61K35/28; A61P37/06	Application of mesenchymal stem cell in preparing medicament for inhibiting chronic rejection after blood vessel transplantation
US2009280485 A1 20091112	US20080119327 20080512	FUNDACION CT NAC DE INVESTIGAC [ES]	C12Q1/68	Methods and Reagents for the Determination of Telomere Length in a Semi-Automatic Manner of Every Single Cell in a Immobilized Cell Population
WO2009138117 A1 20091119	WO2008EP55791 20080512	FUNDACION CT NAC DE INVESTIGAC [ES]; FLORES HERNANDEZ IGNACIO [ES]; CANELA RODRIGUEZ ANDRES [US]; BLASCO MARHUENDA MARIA ANTONIA [ES]	C12Q1/68	Methods and reagents for the determination of telomere length in a semi-automatic manner of every single cell in a immobilized cell population
WO2009112615 A1 20090917	ES20080000708 20080311	FUNDACION DE LA COMUNIDAD VALE [ES]; GARIJO OLMO RAQUEL [ES]; CHIVA TARREGA [ES]; ACENA BONILLA JOSE LUIS [ES]; RODRIGUEZ JIMENEZ FRANCISCO JAVIER [ES]; FARRAS RIVERA ROSA [ES]; LUCAS DOMINGUEZ RUT [ES]; MULLOR SANJOSE JOSE LUIS [ES]; SANZ- CERVERA JUAN FR	C07C233/64; A61K31/194; A61P35/00; C07C231/00	Pharmaceutical composition for inhibiting the transcription factor inducible by hypoxia, modulators of pathological processes of angiogenesis, oncogenesis, inflammation, apoptosis, and cellular therapy
US2009228027 A1 20090910	JP20080059871 20080310	G C DENTAL IND CORP [JP]	A61B17/08; C12N11/02	Bone tissue regeneration sheet and production method thereof
US2009221076 A1 20090903	JP20050056171 20050301; WO2006JP303732 20060228	G C DENTAL IND CORP [JP]; TWO CELLS CO LTD [JP]	C12N5/02	Method of fabricating sheet for cartilage tissue regeneration
RU2373908 C1 20091127	RU20080134574 20080819	G OBRAZOVATEL NOE UCHREZH DENIE [RU]	A61F9/007	Surgery technique for xerotic corneal ulcer

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
ZA200805210 A 20090930	US20050289004 20051129	GAMIDA CELL LTD [IL]		Methods of improving stem cell homing and engraftment
JP2009183307 A 20090820	US20010960244 20010921	GARNET BIOTHERAPEUTICS INC	C12N5/06; C12N15/09; A61K35/12; A61K35/28;A61K35/34; A61K35/36;A61K35/44; A61K35/50; A61P5/00; A61P9/00; A61P9/04; A61P9/10; A61P19/08; A61P21/04;A61P25/00; A61P25/02;A61P25/16; A61P25/28;A61P35/00; A61P43/00; C12N5/08	Cell population which co-expresses cd49c and cd90
US2009214485 A1 20090827	US20080036424 20080225	GAVRILOVA NATALIE [RU]; SABURINA IRINA [RU]; MIRONOV NIKOLAY [RU]	A61K35/12; A61P27/00	Stem cell therapy for the treatment of diabetic retinopathy and diabetic optic neuropathy
WO2009139703 A1 20091119	SE20080001117 20080515	GE HEALTHCARE BIO SCIENCES AB [SE]; ANNEREN CECILIA [SE]; PAULER LINNEA [SE]	C12N5/06; C12N5/02	Method for cell expansion
WO2009089067 A2 20090716	US20080010615P 20080110	GEN HOSPITAL CORP [US]; LEE JEANNIE T [US]; ZHANG LI-FENG [US]	C12N5/06	Methods and compositions for identifying undifferentiated stem cells and assessing cell health
WO2009148488 A2 20091210	US20080057126P 20080529	GEN HOSPITAL CORP [US]; MARTUZA ROBERT [US]; RABKIN SAMUEL [US]; WAKIMOTO HIROAKI [US]; KANAI RYUICHI [US]	A61K35/76; A61K39/245; A61P35/00	Use of oncolytic herpes viruses for killing cancer stem cells
US2009220465 A1 20090903	US20060092794 20061107; US20050734336P 20051107; WO2006US43430 20061107	GEN HOSPITAL CORP [US]; UNIV NORTH CAROLINA [US]	A61K35/12; A61K38/43; C12N5/00	Methods and compositions for modulation of stem cell aging

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009102466 A1 20090820	US20080065685P 20080214; US20080130077P 20080528	GEN HOSPITAL CORP [US]; VACANTI JOSEPH P [US]; PRYOR HOWARD [US]; NEVILLE CRAIG M [US]; SPOOL IRA [US]	C12N5/00	Well-based flow system for cell culture
WO2009139921 A2 20091119	US20080054025P 20080516	GENELUX CORP [US]; SZALAY ALADAR A [US]	A61K45/06; A61K35/26; A61K35/28; A61P35/00 A61K39/285;	Microorganisms for preventing and treating neoplasms accompanying cellular therapy
WO2009129288 A1 20091022	US20080045847P 20080417; US20090159493P 20090312	GENENTECH INC [US]; FONG SHERMAN [US]; PRAETOR ASJA [SG]	C12N5/06	Hematopoietic stem cells characterized by jam-c expression
US2009220468 A1 20090903	FR20060050828 20060310; WO2007EP52222 20070309	GENETHON [FR]; CENTRE NAT RECH SCIENT [FR]	A61K35/12	Specific CD4+CD25+ Regulatory T Cells for Haematopoietic Cell Transplantation and Immune Tolerance
US2009181007 A1 20090716	IT2006TO00282 20060414; WO2007IB51325 20070412	GENNERO LUISA [IT]; PONZETTO ANTONIO [IT]; DE VIVO ENRICO; CONTU LUCIANO; MORRA EMANUELLA; CESANO CHIARA; CAVALLO GIOVANNI; CICERO GIOSEPPE; PESCARONA GIAN PIERO; DENYSENKO TETYANA; ROOS MARIA AUGUSTA; SARA MAURIZIO	A61K38/48; A61K38/46; A61P43/00; C12N5/00; C12N5/02; C12N9/00; C12N9/22; C12N9/48; C12N9/50; C12N9/52; C12N9/62; C12N9/66; C12N9/68	Culture medium and pharmaceutical composition for regenerating cartilage tissue, a method, uses and products related thereto
WO2009133940 A1 20091105	JP20080119324 20080430	GENOMIX CO LTD [JP]; UNIV OSAKA [JP]; TAMAI KATSUTO [JP]; YAMAZAKI TAKEHIKO [JP]; CHINO TAKENAO [JP]; KANEDA YASUFUMI [JP]	A61K38/00; C12N15/09 A61K31/7088; A61K35/76; A61K48/00; A61P17/02; A61P43/00; C07K14/47; C12N5/00;	Pharmaceutical agent for promoting the functional regeneration of damaged tissue
WO2009133939 A1 20091105	JP20080119348 20080430	GENOMIX CO LTD [JP]; UNIV OSAKA [JP]; TAMAI KATSUTO [JP]; YAMAZAKI TAKEHIKO [JP]; CHINO TAKENAO [JP]; KANEDA YASUFUMI [JP]	A61K38/00; A61K35/76; A61K48/00; A61P17/02; A61P43/00; G01N33/50 C07K14/435; C12N5/10; C12N15/09; C12Q1/02; G01N33/15;	Agent for recruitment of bone-marrow-derived pluripotent stem cell into peripheral circulation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009291495 A1 20091126	US20090477726 20090603; US20040010230 20041210; US20010888309 20010621; US20040873414 20040621; US20000213740P 20000622; US20000213739P 20000622; US20000216387P 20000707; US20000220064P 20000721	GERON CORP [US]	C12N5/08; C12N5/06; C12N15/10	Neural Cell Populations from Primate Pluripotent Stem Cells
HK1103106 A1 20090717	WO2005US25179 20050713; US20040587843P 20040713; US20050657990P 20050301	GERON CORP [US]		Medium for growing human embryonic stem cells
WO2009120891 A2 20091001	US20080081242P 20080716; US20080039835P 20080327	GERON CORP [US]; TSENG SUYI [US]; MAJUMDAR ANISH SEN [IN]; NISHIMOTO KEVIN [US]; REDDY ANITA [US]; LEBKOWSKI JANE [US]	C12N5/08; C12N5/00	Differentiation of primate pluripotent stem cells to hematopoietic lineage cells
CA2636876 A1 20090825	US20080031106P 20080225	GESTION UNIVALOR INC [CA]	C12N5/10; C12N5/06; C12N5/08; C12N15/67; C12N15/85;C12N15/86	Methods and kits for expanding hematopoietic stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009202659 A1 20090813	US20060916848 20060609; US20050689315P 20050610; WO2006US22454 20060609	GIMBLE JEFFREY M [US]	A61K33/14; A61K31/19; A61K31/135; A61K31/4164; A61K31/60; A61K38/08; A61K38/10; A61K38/16; A61K38/28; A61P3/00; C12Q1/68	Modulation of Peripheral Clocks in Adipose Tissue
US2009276866 A1 20091105	US20080151181 20080505; US20040011711 20041214; US20000714185 20001117; US19990166410P 19991119	GOLDSBY RICHARD A [US]; ROBL JAMES M [US]; OSBORNE BARBARA A [US]; KUROIWA YOSHIMI [US]	A01K67/027; C12N15/87; C12N15/89	Production of ungulates, preferably bovines that produce human immunoglobulins
EP2129771 A2 20091209	WO2008US58261 20080326; US20070920215P 20070326	GOVERNMENT OF THE U S A AS REP [US]	C12N5/00; C12N15/00	Methods for modulating embryonic stem cell differentiation
CN101555487 A 20091014	CN20081027297 20080409	GUANGDONG PHARMACEUTICAL UNIVE [CN]	C12N15/86; A61K48/00; A61P19/10; C12N5/10; C12N15/11	RNA interference carrier used for osteoporosis and rat mesenchymal stem cells
CN101580816 A 20091118	CN20091038883 20090423	GUANGZHOU INST OF BIOMEDICINE [CN]	C12N5/06; C12N5/08; C12N5/10; C12Q1/02	Novel serum-free culture medium for inducing fast and efficient production of pluripotent stem cells and use method thereof
CN101492677 A 20090729	CN20081219195 20081118	GUANGZHOU INST OF BIOMEDICINE [CN]	C12N15/12	Uses of estrogen correlated acceptor 2 in maintaining versatility of mouse embryo stem cell
CN101492676 A 20090729	CN20081198517 20080916	GUANGZHOU INST OF BIOMEDICINE [CN]	C12N15/12	Method for producing derivational pluripotent stem cell with meninges cell and uses thereof
CN101525593 A 20090909	CN20081026660 20080307	GUANGZHOU MEDICAL COLLEGE [CN]	C12N5/08	Human embryonic stem cell line with nonrandom inactivated X chromosome and specific short tandem repeats

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101525592 A 20090909	CN20081026658 20080307	GUANGZHOU MEDICAL COLLEGE [CN]	C12N5/08	Human parthenogenetic embryo stem cell line with two active X chromosomes and derivatives thereof
CN101584612 A 20091125	CN20091040216 20090612	GUANGZHOU MEDPRIN REGENERATIVE [CN]	A61F2/06; A61L27/40; A61L27/52; A61L27/54; A61L27/56; A61L27/58	Regeneration type artificial blood vessel based on in-situ self stem cell technology and preparation method thereof
US2009196901 A1 20090806	US20060083619 20060911; US20050715530P 20050909; US20050724044P 20051006; WO2006US35243 20060911	GUILAK FARSHID [US]; ESTES BRADLEY T [US]; WU ARTHUR [US]	A61F2/00; A61K35/12; C12Q1/68	Tissue Engineering Methods and Compositions
US2009220565 A1 20090903	DE200610003996 20060127; WO2007EP00694 20070126	GULDNER NORBERT W [DE]; KRUSE CHARLI [DE]; KAJAHN JENNIFER [DE]	A61K35/34; A61F2/02; A61P9/00; C12N5/06; C12N5/08	Method for producing autonomously contracting cardiac muscle cells from adult stem cells, in particular human adult stem cells
WO2009122413 A1 20091008	US20080064854P 20080331	HADASIT MED RES SERVICE [IL]; REUBINOFF BENJAMIN [IL]; BEN SHUSHAN ETTI [IL]; AHARONOWIZ MICHAL [IL]	C12N5/06	Motor neurons developed from stem cells
KR20090129657 A 20091217	KR20080055690 20080613	HAN CELL [KR]; NAM MYEONG JIN [KR]	C12N5/08; C12N5/00; C12N5/02; C12N15/07	An adult stem cell transfected hepatocyte growth factor gene
KR20090116659 A 20091111	KR20080042564 20080507	HAN CELL [KR]; NAM MYEONG JIN [KR]	A61K8/98; A61Q19/02; A61Q19/08	A cosmetic composition comprising stem cell culture medium and a process for producing the same
WO2009151207 A1 20091217	KR20080055690 20080613; KR20080132794 20081224	HAN CELL [KR]; NAM MYEONG JIN [KR]; LEE SANG-KOO [KR]	C12N5/08; A61K48/00; C12N15/12; C12N15/63	Mesenchymal stem cells which express human hepatic growth factor, manufacturing method thereof, and use thereof as therapeutic agent for liver diseases
KR20090104328 A 20091006	KR20080029700 20080331	HANWHA CHEMICAL CORP [KR]	A61K35/14; A61K35/30	Cd70 expressing neuronal stem cells and their use for prevention of immune responses in transplantation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009226406 A1 20090910	US20090396397 20090302; US20030411655 20030411; US20020372348P 20020412; US20020437348P 20021231; US20020437350P 20021231	HARIRI ROBERT J [US]; STIRLING DAVID I [US]; MOUTOUTH-DE PARSEVAL LAURE A [US]; CHAN KYLE W H [US]	A61K35/12; A61P43/00; C12N5/06; C12N5/08	Modulation of stem and progenitor cell differentiation, assays, and uses thereof
WO2009132083 A2 20091029	US20080047056P 20080422	HARVARD COLLEGE [US]; CHEN SHUIBING [US]; MELTON DOUGLAS A [US]; BOROWIAK MALGORZALA [US]; LAMENZO JULIA [US]; SCHREIBER STUART L [US]; PENG LEE F [US]; RUBIN LEE L [US]; DAVIDOW LANCE [US]; LAM KEVIN [US]	C12N5/08; C12N1/38; C12N5/02	Compositions and methods for promoting the generation of pdx1+ pancreatic cells
WO2009146098 A2 20091203	US20080041880P 20080402; US20080085250P 20080731	HARVARD COLLEGE [US]; EGGAN KEVIN [US]	C12N5/08; C12Q1/68; G01N33/50	Stem cells and uses thereof
WO2009102983 A2 20090820	US20080029287P 20080215; US20080091004P 20080822	HARVARD COLLEGE [US]; HUANGFU DANWEI [US]; MELTON DOUGLAS A [US]; MAEHR RENE [US]	C12N5/00	Efficient induction of pluripotent stem cells using small molecule compounds
WO2009142717 A2 20091126	US20080054430P 20080519	HARVARD COLLEGE [US]; RAMANATHAN ARVIND [US]; HECKSHER-SORENSEN JACOB [DK]; SCHREIBER STUART L [US]		Methods and products for dedifferentiation of cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009181456 A1 20090716	US20080315967 20081208; US20030740315 20031217; US20010952522 20010910; US20010936665 20010910; WO2000US06232 20000310; US19990123711P 19990310; US19990162462P 19991029	HEDRICK MARC H [US]; KATZ ADAM J [US]; LLUIL RAMON [ES]; FUTRELL J WILLIAM [US]; BENHAIM PROSPER [US]; LORENZ HERMANN PETER [US]; ZHU MIN [US]	C12N5/08; C12N5/00; C12N5/06	Adipose-derived stem cells and lattices
EP2103685 A1 20090923	EP20080005378 20080320	HELMHOLTZ ZENTRUM MUENCHEN DEU [DE]	C12N5/06; C12N15/09	Vectors and methods for generating vector-free induced pluripotent stem (ips) cells using site-specific recombination
WO2009115295 A1 20090924	EP20080004946 20080317; EP20080005378 20080320	HELMHOLTZ ZENTRUM MUENCHEN DEU [DE]; KUEHN RALF [DE]; WURST WOLFGANG [DE]	C12N5/06; C12N15/09	Vectors and methods for generating vector-free induced pluripotent stem (ips) cells using site-specific recombination
WO2009137836 A2 20091112	US20080052132P 20080509	HEMOGENIX INC [US]; RICH IVAN N [US]		Cell potency assay
WO2009098149 A2 20090813	DE200810008558 20080208	HENKEL AG & CO KGAA [DE]; KESLER-BECKER DANIELA [DE]; PETERSOHN DIRK [DE]; BOHLEN HERIBERT [DE]; JOENSSON KRISTINA [DE]; EHLICH ANDREAS [DE]	C12N15/00	Method for extracting olfactory epithelial cells from non-human embryonic stem cells
KR20090127980 A 20091215	KR20080053936 20080610	HISTOSTEM CORP [KR]	A61K35/44; C12N5/08	Percutaneous intrathecal transplantation of stem cells on spinal cord injured animals
KR20090127978 A 20091215	KR20080053934 20080610	HISTOSTEM CORP [KR]	A61K35/44; A61P25/28	Stem cell transplantation method and composition for cell therapy with endovascular interventional techniques using basilar artery

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090090850 A 20090826	KR20080016367 20080222	HISTOSTEM CORP [KR]	C12N5/06; C12N5/00; C12N5/02	Culture medium composition for in vitro proliferation of mesenchymal stem cell derived from umbilical cord blood comprising soy hydrolysate
US2009280564 A1 20091112	US20090437639 20090508; WO2001JP09510 20011030; WO2002JP03344 20020403; US20040493964 20040803; WO2002JP11294 20021030	HITACHI LTD [JP]	C12N5/02; A61P25/00; C12N5/06; C12N5/08	Method for inducing differentiation of mesodermal stem cells, es cells, or immortalized mesodermal stem cells into neural cells
US2009181033 A1 20090716	US20090401539 20090310; DE20021042146 20020904; US20030627884 20030725	HOFFMANN LA ROCHE [US]	A61K39/395; C07K16/00; C07K16/28; G01N33/567	Antibodies for identifying and/or isolating at least one cell population
CN101503706 A 20090812	CN20091025758 20090309	HONGLIN LIU [CN]	C12N15/867; A01K67/027	Method for obtaining transgenic chicken by lentivirus vector mediated in vivo transfection of spermatogonial stem cell
US2009309597 A1 20091217	CZ20060000120 20060224; WO2007CZ00012 20070223	HORAK DANIEL [CZ]; SYKOVA EVA [CZ]; BABIC MICHAL [CZ]; JENDELOVA PAVLA [CZ]; HAJEK MILAN [CZ]	G01R33/44; B01J19/10; H01F1/00; H01F1/26	Superparamagnetic Nanoparticles Based on Iron Oxides with Modified Surface, Method of Their Preparation and Application
US2009285883 A1 20091119	US20090454355 20090515; US20080128063P 20080516	HOUCHEEN COURTNEY [US]; MAY RANDAL [US]; ANANT SHRIKANT [US]; SUREBAN SRIPATHI M [US]	A61K9/127; A61K31/7105; C07H21/02; C12N5/06; C12Q1/68	Identification of gastrointestinal, pancreatic and cancer stem cell markers and methods of use thereof
US2009305415 A1 20091210	US20080155487 20080605	HUANG LYNN L H [TW]	C12N5/06	Method for preserving proliferation and differentiation potential of undifferentiated cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101503672 A 20090812	CN20081030632 20080205	HUNAN HUILIN LIFE TECH [CN]	C12N5/06; A61K38/18; A61P17/02; C12N5/08	Composition of cytokine and use thereof
CN101475934 A 20090708	CN20091042531 20090116	HUNAN HUILIN LIFE TECH [CN]	C12N15/08	Non-feeder cell cultivation system culture medium for human embryonic stem cell and cultivation method therefor
RU2374262 C1 20091127	RU20080120198 20080522	IBMED KHOLDINGS LTD [CY]	C07K5/08; C07K7/06	Oligopeptide with stem cell factor csf activity towards thymocyte differentiation
US2009274660 A1 20091105	US20090466850 20090515; US20040868697 20040614; US20040765664 20040126; US20040752298 20040105; US20000639859 20000816; US20060501380 20060809; US20040577120P 20040604; US20040557584P 20040329; US20040550797P 20040305; US20030478565P 20030612; US20030493237P 20030806; US20030523936P 20031121; US20030442278P 20030124; US20030447779P 20030213;	IMMUNOPATH PROFILE INC [US]	A61K35/74; A61K35/12; A61K35/34	Pluripotent therapeutic compositions and uses thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
	US20030448003P 20030218; US20030448497P 20030219; US20030437939P 20030103; US19990149338P 19990817; US20050707571P 20050812			
WO2009116840 A2 20090924	US20080038422P 20080321	IND ACADEMIC COOP [KR]; KIM DONG WOOK [KR]; HWANG KI-CHUL [KR]; KIM SUNG HOU [US]; KIM JI YOUNG [KR]; CHANG WOO CHUL [KR]	C12N5/02; C12N5/06	Chemical reagents regulating stem cell fate
EP2119434 A1 20091118	EP20080156116 20080513	INST NAT SANTE RECH MED [FR]	A61K31/00; A61K31/352	Use of heterosidic flavonoid derivatives for therapy of stem cell cancers
WO2009156398 A1 20091230	EP20080305320 20080625; EP20080305447 20080804; US20080090957P 20080822; EP20090305077 20090128	INST NAT SANTE RECH MED [FR]; GUENOU HIND [FR]; LEMAITRE GILLES [FR]; BALDESCHI CHRISTINE [FR]; PESCHANSKI MARC [FR]	C12N5/06	Methods for preparing human skin substitutes from human pluripotent stem cells
WO2009103818 A1 20090827	EP20080300109 20080222	INST NAT SANTE RECH MED [FR]; RODRIGUEZ ANNE-MARIE [FR]	C12N5/08; A61K35/12	Methods for obtaining progenitor cells and uses thereof in the treatment of tissue or organ damage
CN101514333 A 20090826	CN20091080952 20090330	INST OF BASE MEDICINE ACADEMY [CN]	C12N5/08; A61K35/44; A61K39/00; A61P29/00; A61P37/02	Immunologic tolerance dendritic cell, preparation method thereof and special culture medium
CN101486992 A 20090722	CN20081239241 20081205	INST OF BASE MEDICINE ACADEMY [CN]	C12N5/06	Mesenchyma stem cell for inhibiting osteoclast generation, as well as preparation method and application thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101525594 A 20090909	CN20091068510 20090417	INST OF HEMATOLOGY CHINESE ACA [CN]	C12N5/08	Complete medium with low serum concentration for cultivating mesenchymal stem cells and method for cultivating mesenchymal stem cells using same
WO2009110748 A2 20090911	KR20080020009 20080304	INST SCIENCE & TECH KWANGJU [KR]; SHIN SANG MO [KR]	C12Q1/02	Method of selecting and separating normal cells and specific cells by using ultrasonic waves
WO2009152485 A2 20091217	US20080061594P 20080613; US20080061592P 20080613	IPIERIAN INC [US]; SAKURADA KAZUHIRO [JP]	C12N5/08; A61K35/12; G06F19/00	Methods of cell-based technologies
EP2082227 A1 20090729	WO2007EP08343 20070919; GB20060018429 20060919	IST SUPERIORE SANITA [IT]	G01N33/50; G01N33/574	Digestive system cancer stem cells and tests and uses therefor
US2009275546 A1 20091105	US20090386002 20090410; US20080123970P 20080410	IST SUPERIORE SANITA [IT]; GEORGE MASON UNIVERSITY [US]	A61K31/395; C12N5/02; C40B30/06	Diagnostic tests and personalized treatment regimes for cancer stem cells
EP2108044 A2 20091014	WO2008B00222 20080131; IT2007MI00175 20070202	ISTITUTO NAZ DI GENETICA MOLEC [IT]	C12N5/08; A61K35/14; C07K16/28; C12Q1/68	Sub -population of hematopoietic stem cells that express the crisp-1 protein
GB2460552 A 20091209	GB20080010304 20080605; GB20080021363 20081121	ITI SCOTLAND LTD [GB]	C12N5/06; C12N5/00	Stem cell culture media
WO2009118524 A2 20091001	GB20080005487 20080326; GB20090003120 20090224	ITI SCOTLAND LTD [GB]; SEIBLER JOST [DE]; SCHEER NICO [DE]	C12N5/00	Efficient insertion of dna into embryonic stem cells
KR20090075047 A 20090708	KR20080000807 20080103	IUCF HYU [KR]	C12N5/08; C12N5/00; C12N5/02	Method for culturing human embryonic stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009299763 A1 20091203	US20090484152 20090612; JP20070159382 20070615; WO2007EP10019 20071120; WO2008EP05047 20080613; WO2008IB02540 20080613; US20080157967 20080613; US20080040646P 20080328; US20080061592P 20080613; US20080061594P 20080613	IZUMI BIO INC [US]	G06Q50/00; C12N5/02; C12P21/06; C12Q1/68; G01N33/53; G06F17/30; G06Q30/00	Methods of cell-based technologies
US2009191202 A1 20090730	US20090321215 20090115; US20060528890 20060927; US20050722371P 20050929; US20080189786P 20080822; US20080011324P 20080115	JAMIESON CATRIONA HELEN M [US]; WEISSMAN IRVING L [US]; JAISWAL SIDDHARTHA [US]; MAJETI RAVINDRA [US]	A61K39/395; C12N5/08	Methods for manipulating phagocytosis mediated by CD47
EP2105498 A1 20090930	JP20080088641 20080328	JAPAN CHEM RES [JP]; MIRACURE INC [JP]	C12N5/06	Therapeutic composition for atopic dermatitis
EP2088190 A1 20090812	WO2007JP71811 20071109; JP20060303929 20061109	JAPAN GOVERNMENT [JP]; MITSUBISHI TANABE PHARMA CORP [JP]	C12N5/06; A61L27/00	Method for culture and passage of primate embryonic stem cell, and method for induction of differentiation of the embryonic stem cell

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009153514 A 20090716	JP20070315921 20071206; JP20080266699 20081015	JAPAN HEALTH SCIENCE FOUND [JP]	A61K35/14; A61K35/28; A61K35/50; A61P9/04; A61P9/10; A61P21/00; A61P43/00; C12N5/07; C12N5/074; C12N5/0775	Cardiomyocyte differentiation-inducing promotor and method for using the same
WO2009113733 A1 20090917	JP20080063391 20080312	JAPAN HEALTH SCIENCE FOUND [JP]; NAKASHIMA MISAOKO [JP]; IOHARA KOICHIRO [JP]	A61L27/00	Root canal filler and dental tissue regeneration method
WO2009125859 A1 20091015	JP20080099814 20080407	JAPAN HEALTH SCIENCE FOUND [JP]; NAKASHIMA MISAOKO [JP]; NAKAMURA HIROSHI [JP]	A61K38/46; A61K6/02; A61K35/12; A61P1/02; G01N33/15; G01N33/50	Drug, dental material, and screening method
JP2009273473 A 20091126	JP20030166646 20030611; JP20090193612 20090824	JAPAN SCIENCE & TECH AGENCY [JP]	C12N5/06; A61K35/30; A61L27/00; C12N5/08	Method for producing retinal neurocyte from neural stem cell derived from iris tissue
WO2009090933 A1 20090723	JP20080007179 20080116	JAPAN SCIENCE & TECH AGENCY [JP]; TAKAHASHI KATSUHITO [JP]; YAMAMURA HISAKO [JP]; INOUE MASAHIRO [JP]	C12N15/09; C07K14/47 A61K35/76; A61P9/10; A61P11/00; A61P25/00; A61P35/00; C07K14/03; C07K19/00; C12N7/00	Virus growing in hypoxic cell or virus vector expressing gene therein
RU2371187 C1 20091027	RU20080118999 20080515	JARYGIN NIKOLAJ VLADIMIROVICH [RU]; JARYGIN VLADIMIR NIKITICH [RU]; JARYGIN KONSTANTIN NIKITICH [RU]; CHERNJAVSKIJ ALEKSANDR OLEGOVI [RU]	A61K35/44; A61K35/50	Method of paralysis and epilepsy treatment in dogs

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
RU2371188 C1 20091027	RU20080120768 20080527	JARYGIN NIKOLAJ VLADIMIROVICH [RU]; JARYGIN VLADIMIR NIKITICH [RU]; JARYGIN KONSTANTIN NIKITICH [RU]; CHERNJAVSKIJ ALEKSANDR OLEGOVI [RU]; VASIN VJACHESLAV VJACHESLAVOVI [RU]	A61K35/44; A61K35/50	Method of dog organism biostimulation
US2009220453 A1 20090903	US20070295680 20070405; US20060789468P 20060405; WO2007US66079 20070405	JOSLIN DIABETES CENTER INC [US]	A61K38/20; A61K31/7088; A61K35/12; C12Q1/68	Enhancing stem cell mobilization
US2009232773 A1 20090917	JP20050104563 20050331; WO2006JP306658 20060330	KATO YUKIO [JP]; KAWAMOTO TAKESHI [JP]; TSUJI KOICHIRO [JP]; IGARASHI AKIRA [JP]; SHIMIZU MASAKAZU [JP]	A61K35/12; A61K31/7088; C07H21/04; C07K2/00; C07K16/00; C12N5/00; C12Q1/68; C40B30/04; C40B40/02	Method for Distinguishing Mesenchymal Stem Cell Using Molecular Marker and Use Thereof
EP2079831 A2 20090722	WO2007US83989 20071107; US20060857661P 20061107	KECK GRADUATE INST [US]	C12N5/06; C12N5/02	Enriched stem cell and progenitor cell populations, and methods of producing and using such populations
JP2009171896 A 20090806	JP20080014243 20080124	KEIO GIJUKU	A61K45/00; A61K48/00; A61P9/10; A61P25/00; A61P25/14; A61P43/00; C12N5/07; C12N5/074; C12N15/09; G01N33/53	Method for separating neural stem cell and proliferation promotion method

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009232779 A1 20090917	US20090357244 20090121; US20060637632 20061211; US20030661105 20030912; WO20031B03539 20030711; US20030406817 20030404; US20020395382P 20020711	KEIRSTEAD HANS S [US]; NISTOR GABRIEL I [US]	A61K35/12; C12Q1/02; A61P25/00; A61P25/28; A61P27/02; C12N5/06; C12N5/08	Oligodendrocytes derived from human embryonic stem cells for remyelination and treatment of spinal cord injury
CN101485669 A 20090722	CN20091103187 20090213	KEJUN QIN [CN]	A61K31/7024	Medicament for treating tumor and hemorrhoid and method for producing the same
US2009263896 A1 20091022	US20080107020 20080421	KELLY OLIVIA [US]; BANG ANNE [US]	C12N5/06	Methods for purifying endoderm and pancreatic endoderm cells derived from human embryonic stem cells
US2009328242 A1 20091231	US20090473973 20090528; WO2007US85821 20071128; WO2009US34286 20090217; US20060867582P 20061128; US20080029053P 20080215	KENNEDY JOHN W [US]	A01K67/00; A01H5/00; A61K35/12; A61K36/00; C12N5/02; C12N5/04; C12N5/06	Replication of Undifferentiated Cells in a Weightless Environment, Uses Thereof and a Facility for Such Replication and the Acceleration of the Evolution of Plants and Animals
US2009186005 A1 20090723	WO2006KR05066 20061128; KR20060046695 20060524	KIM HEE TAE [KR]; KIM KYUNG SUK [KR]; KIM SEUNG HYUN [KR]; CHAI YOUNG GYU [KR]; KOH SEONG HO [KR]; KIM HYUN YOUNG [KR]; CHOI MI RAN [KR]; PARK JI-YOON [KR]; JUNG KYOUNG HWA [KR]	A61K35/12; A61P25/14	Methods and Compositions For Treating Motor Neuron Diseases Comprising Mesenchymal Stem Cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090093304 A 20090902	KR20080018759 20080229	KIM KYUNG HEE [KR]	C12N5/00	
US2009170059 A1 20090702	US20060084931 20061114; US20050736058P 20051114; US20050749523P 20051213; WO2006US44094 20061114	KLINGEMANN HANS [US]	A01N1/02; C12N5/06; C12N5/08; C12N15/87	Methods for Preparing Cord Matrix Stem Cells (CMSC) for Long Term Storage and for Preparing a Segment of umbilical cord for cryopreservation
KR100921909B B1 20091016	KR20080134155 20081226	KNU INDUSTRY COOPERATION FOUND [KR]	A23L1/29; A23L1/30; A23L2/38	Composition of healthy food comprising butanol solvent extract of codonopsis lanceolata benth et hook having hematopoietic stem cell proliferation activity
US2009297486 A1 20091203	US20060922279 20061221; US20050690017P 20050613; US20050690033P 20050613; US20060796434P 20060501; WO2006US23034 20060613	KOLIATSOS VASSILIS E [US]; YAN JUN [US]; JOHE KARL K [US]	A61K35/12; C12N5/06	Survival, Differentiation and Structural Integration Of Human Neural Stem Cells Grafted Into the Adult Rat Spinal Cord
US2009233324 A1 20090917	US20080046427 20080311	KOPF-SILL ANNE R [US]	C12Q1/02; C12N5/06	Methods for Diagnosing Cancer Using Samples Collected From A Central Vein Location or an Arterial Location
KR20090089206 A 20090821	KR20080014625 20080218	KOREA ADVANCED INST SCI & TECH [KR]	C12N5/08; C12N5/00; C12N5/02	Method for inducing the defferentiation of embryonic stem cells into hemangioblast
WO2009104825 A1 20090827	WO2008KR00952 20080218	KOREA ADVANCED INST SCI & TECH [KR]; HAN YONG-MAHN [KR]; PARK SANG-WOOK [KR]; LEE EUN-YOUNG [KR]	C12N5/08; C12N5/02	Method for inducing the defferentiation of embryonic stem cells into hemangioblast

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090132175 A 20091230	KR20080058306 20080620	KOREA RES INST OF BIOSCIENCE [KR]	C12N5/08; C12N5/00; C12N5/02; C12N15/11	Detection markers of osteoblastic differentiation and methods for regulating differentiation of mesenchymal stem cell using the same
KR20090112621 A 20091028	KR20090096231 20091009	KOREA RES INST OF BIOSCIENCE [KR]	G01N33/68; G01N33/48; G01N33/53	Adipocyte differentiation detecting marker and a method for regulating differentiation of mesenchymal stem cells using same
KR20090112620 A 20091028	KR20090096230 20091009	KOREA RES INST OF BIOSCIENCE [KR]	G01N33/68; G01N33/48; G01N33/53	Adipocyte differentiation detecting marker and a method for regulating differentiation of mesenchymal stem cells using same
KR20090090586 A 20090826	KR20080015886 20080221	KOREA RES INST OF BIOSCIENCE [KR]	C12N5/08; C12N5/00; C12N5/02	Method for inducing the differentiation of embryonic stem cells into myocardial cells
WO2009145399 A1 20091203	KR20080049034 20080527	KOREA RES INST OF BIOSCIENCE [KR]; CHOI INPYO [KR]; CHUNG JIN WOONG [KR]; KIM MISUN [KR]; YOON SUK RAN [KR]	A61K38/21	A composition containing osteopontin for differentiating natural killer cell as an active ingredient and a method of differentiation using thereof
JP2009242311 A 20091022	JP20080091686 20080331	KOSE CORP [JP]	A61K8/97; A61K36/18; A61P17/00; A61P43/00; A61Q19/00	Scf secretion inhibitor and skin care preparation for external use for making skin pore inconspicuous
IL155608 A 20090803	US20000245168P 20001103; WO2001EP12768 20011103	KOURION THERAPEUTICS [DE]	A61K35/12; A61K35/14; A61P41/00; A61P43/00; C12N5/06; C12N5/08	Human cord blood derived unrestricted somatic stem cells in the manufacture of a medicament
US2009238803 A1 20090924	US20090417294 20090402; US20040758644 20040115; US20010985335 20011102; US20000245168P 20001103	KOURION THERAPEUTICS [DE]	A61K35/14; A61K35/12; A61P1/16; A61P3/10; A61P7/00; A61P9/00; A61P25/00; A61P25/16; C12N5/06; C12N5/08	Human cord blood derived unrestricted somatic stem cells (ussc)
US2009264699 A1 20091022	US20090455979 20090609; US20070893947 20070817	KRAKOVSKY ALEXANDER [US]	A61F5/00	Phalloplasty process

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009233363 A1 20090917	US20090474183 20090528; DE20021014095 20020328; WO2003EP02121 20030225; US20050137441 20050526; US20030401026 20030328; US20030372657 20030225	KREMER BERND KARL FRIEDRICH [DE]; FANDRICH FRED [DE]; RUHNKE MAREN NEE SCHULZE [DE]	C12N5/06; C12N5/08	Dedifferentiated, Programmable Stem Cells of Monocytic Origin, and Their Production and Use
CN101481679 A 20090715	CN20091094054 20090122	KUNMING GENERAL HOSPITAL CHENG [CN]	C12N5/08	Fish egg cell extract and use thereof for inducing human adult cell to differentiate into pluripotent stem cell
EP2123752 A2 20091125	WO2007IB04005 20071218; JP20060339997 20061218	KYOWA HAKKO KIRIN CO LTD [JP]	C12N15/09; G01N33/15 A61K31/7088; A61K31/7105; A61K31/713; A61K35/76; A61K48/00; A61P9/10; A61P11/00; A61P13/08; A61P13/12; A61P29/00; A61P35/00; A61P37/00; A61P37/08; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12Q1/02; C12Q1/68;	Novel nucleic acid
EP2077326 A1 20090708	WO2007JP67187 20070904; JP20060238459 20060904	KYOWA HAKKO KIRIN CO LTD [JP]	C12N15/09; A61K31/7088; A61K48/00; A61P3/10; A61P19/08; A61P35/00; A61P43/00; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12Q1/68	Novel nucleic acid

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009148057 A1 20091210	JP20080145022 20080602	KYOWA HAKKO KIRIN CO LTD [JP]; NAGAO KENJI [JP]; KUNISATO ATSUSHI [JP]; ISHIDA ISAO [JP]	C12N5/10	Reprogramming of blood cells
WO2009096445 A1 20090806	JP20080017031 20080129	KYOWA HAKKO KIRIN CO LTD [JP]; ONODERA HIDEYUKI; ICHIMURA MICHIO; BABA KOUJI; AGATSUMA TSUTOMU; SASHO SETSUYA; SUZUKI MAKOTO; IWAMOTO SUSUMU; KAKITA SHINGO	C12N5/06; A61K35/74; A61P25/00; A61P43/00; C07D487/22; C07D491/22; C07D519/00; C07J13/00; C07J71/00; C07J73/00	Nerve trunk cell propagation accelerator
US2009317834 A1 20091224	FI20070000200 20070308; FI20060000630 20060629; FI20070000369 20070510; WO2007FI50405 20070629	LAINEN JARMO [FI]; SATOMAA TERO [FI]; NATUNEN JARI [FI]; HEISKANEN ANNAMARI [FI]; SAARINEN JUHANI [FI]; JAATINEN TAINA [FI]; MIKKOLA MILLA [FI]; NATUNEN SUVI [FI]	G01N33/567; C12N5/06	Novel cellular glycan compositions
RU2376985 C1 20091227	RU20080129554 20080717	LASKAVYJ VLADISLAV NIKOLAEVICH [RU]; GORJUNOV DMITRIJ VLADIMIROVICH [CH]	A61K31/115; A61P43/00	Means for stem cells activation
RU2367450 C1 20090920	RU20080119823 20080519	LAZEBNIK LEONID BORISOVICH [RU]; PARFENOV ASFOL D IVANOVICH [RU]; RUCHKINA IRINA NIKOLAEVNA [RU]; KONOPLJANIKOV ANATOLIJ GEORGIE [RU]; KONOPLJANIKOVA OL GA ANDREEVNA [RU]; KNJAZEVO OLEG VLADIMIROVICH [RU]; LYCHKOVA ALLA EHDUARDOVNA [RU]	A61K35/28; A61P1/04; C12N5/02	Method of treating ulcerative proctosigmoiditis

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090129069 A 20091216	KR20080055150 20080612	LEE HEE YOUNG [KR]	C12M1/24; C12M1/00; C12N5/00	Method for isolating stem cell
KR20090126930 A 20091209	KR20080053298 20080605	LEE HEE YOUNG [KR]	C12M1/10; C12M1/00	Device for isolating stem cell
US2009263361 A1 20091022	US20090405112 20090316; US20060361588 20060224; US20050655747P 20050224	LEE JAU-NAN [TW]; LEE TONY TUNG-YING [TW]; LEE YUTA [TW]	A61K35/12; C12N5/08; C12Q1/02	Human trophoblast stem cells and use thereof
US2009215872 A1 20090827	US20060988321 20060630; US20050697301P 20050707; WO2006US25800 20060630	LEE JEANNIE T [US]	C12N15/09; A61K31/7088; A61P43/00; C07H21/02; C12N5/10; C12N15/63	Methods for Controlling Stem Cell Differentiation
US2009317365 A1 20091224	US20090489760 20090623; US20080074673P 20080623	LEE OSCAR KUANG-SHENG [TW]; KUO TOM KWANG-CHUN [TW]	A61K35/12; C12N5/06; C12Q1/02; C12Q1/26; C12Q1/42; C12Q1/48	Systems and methods for making hepatocytes from extrahepatic somatic stem cells and use thereof
CN101600461 A 20091209	US20060873826P 20061208	LI YIN XIONG [US]	A61K49/00	Formation and rejuvenation of organs and alcohol damaged organ regeneration through stem cell nutrients
CN201308576Y Y 20090916	CN20082230915U 20081217	LIANXIN DU [CN]	A61F9/007	Instrument for removing amnion epithelium
CN101535468 A 20090916	US20050729177P 20051021	LIFELINE CELL TECHNOLOGY [US]	C12N5/00	Parthenogenic activation of human oocytes for the production of human embryonic stem cells
WO2009140464 A1 20091119	US20080053989P 20080516	LIGAND PHARM INC [US]; LOEWEN GORDON R [US]; MATSUMOTO RICHARD M [US]	A61K31/405	Methods of administration of thrombopoietin mimetic compounds
US2009253157 A1 20091008	US20080098592 20080407	LIVESTOCK RES INST COUNCIL OF [TW]	C12Q1/48; C12N5/06; C12Q1/02; C12Q1/34	Method of directed differentiation of porcine embryonic stem cells and using the said cells in drug screening

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009233989 A1 20090917	EP20050104854 20050603; WO2006EP62773 20060531	LOPEZ RICARDO AUGUSTIN [AR]	A61K31/7088	Oligonucleotides stimulatory of the mesenchymal stem cell proliferation and uses thereof
US2009217404 A1 20090827	US20080072124 20080223; WO2003US30901 20030929; US20070893611 20070815; US20020414605P 20020927; US20060838025P 20060815	LOWE SCOTT W [US]; CARMELL MICHELLE A [US]; HANNON GREGORY J [US]; PADDISON PATRICK [US]; ZILFOU JACK [US]; FRIDMAN JORDAN [US]; DICKINS ROSS [AU]; HEMANN MICHAEL [US]; ROSENQUIST THOMAS A [US]; PREMSRIRUT PREM [US]	A01K67/027; C07H21/00; C12N5/00; C12N5/06; C12N5/08; C12Q1/68	Cell-based RNA interference and related methods and compositions
US2009297470 A1 20091203	US20090410209 20090324; US20080296584 20081202; WO2007EP03272 20070412; US20060792943P 20060419	LUDWIG MAXIMILIANS UNI MUNCHEN [DE]	A61K35/00; A61P9/00	Remedies for ischemia
US2009286730 A1 20091119	US20060792943P 20060419; WO2007EP03272 20070412; US20070296584 20070412	LUDWIG MAXIMILIANS UNI MUNCHEN [DE]	A61K38/16	Remedies for ischemia
US2009232777 A1 20090917	US20070281169 20070301; US20060777530P 20060301; WO2007GB00731 20070301	LUNDGREN-AKERLUND EVY [SE]; KJELLMAN CHRISTIAN [SE]	A61K35/12; C12N5/02; C12Q1/02; C12Q1/68; G01N33/53	Expansion and Differentiation of Mesenchymal Stem Cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009298787 A 20091224	FR20080053794 20080606	LVMH RECH	A61K8/49; A61K8/04; A61K8/44; A61K8/88; A61K8/97; A61Q1/02; A61Q3/02; A61Q5/02; A61Q5/12; A61Q19/00; A61Q19/08	Method for anti-aging cosmetic care by stimulation of survivin expression
US2009191171 A1 20090730	US20090355699 20090116; US20080022194P 20080118	MA YUPO [US]	A61K35/12; C12N15/87; C07H21/04; C12N5/10; C12N15/63; C12N15/88; C12Q1/68	Reprogramming of Differentiated Progenitor or Somatic Cells Using Homologous Recombination
US2009311765 A1 20091217	US20060919407 20060509; US20050679310P 20050510; WO2006US17968 20060509	MAGUIRE TIM [US]; SCHLOSS RENE [US]; YARMUSH MARTIN [US]	C12N13/00; C12N5/06	Alginate poly-L-Lysine encapsulation as a technology for controlled differentiation of embryonic stem cells
US2009191164 A1 20090730	US20090353098 20090113; US20080057772P 20080530; US20080011324P 20080115	MAJETI RAVINDRA [US]; WEISSMAN IRVING L [US]	A61K35/12; A61P37/00; C12N5/08; C12Q1/02; C12Q1/68	Human hematopoietic multipotent progenitor cells
WO2009117098 A2 20090924	US20080136496P 20080909; US20080069886P 20080318	MARSHALL UNIVERSITY RES CORP [US]; VALLURI JAGAN V [US]; CLAUDIO PIER PAOLO [US]	C12N5/08	Methods for stem cell production and therapy
US2009191634 A1 20090730	US20090362756 20090130; US20080062888P 20080130	MARTIN ARTHUR W [US]; MELKOUMIAN ZARA [US]; SHOGBON CHRISTOPHER B [US]; ZHOU YUE [US]	C12N5/00; C08F20/10; C08F26/06; C08F120/56; C08F126/02; C08F220/26; C08F224/00; C08F226/10; C08J7/18	(Meth)acrylate surfaces for cell culture, methods of making and using the surfaces

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009227620 A 20091008	JP20080076201 20080324	MARUZEN PHARMA [JP]	A61K31/7048; A61K8/60; A61P17/00; A61P35/00; A61P35/02; A61P43/00; A61Q19/02; C07H17/07	Stem cell growth factor mrna expression elevation inhibitor, basic fibroblast growth factor mrna expression elevation inhibitor, and proopiomelanocortin mrna expression elevation inhibitor.
JP2009227619 A 20091008	JP20080076200 20080324	MARUZEN PHARMA [JP]	A61K36/18; A61K8/97; A61P9/00; A61P9/10; A61P9/12; A61P13/12; A61P35/00; A61P43/00; A61Q19/02	Endothelin-1 mrna expression elevation inhibitor, stem cell growth factor mrna expression elevation inhibitor, basic fibroblast growth factor mrna expression elevation inhibitor, and propiomelanocortin mrna expression elevation inhibitor
JP2009209050 A 20090917	JP20080050737 20080229	MARUZEN PHARMA [JP]	A61K31/353; A61K36/18; A61P17/00; A61P35/00; A61P35/02; A61P43/00	Stem cell factor mrna expression increase inhibitor and basic fibroblast growth factor mrna expression increase inhibitor
WO2009146911 A2 20091210	US20080058766P 20080604	MARX UWE [DE]		Organ-on-a-chip-device
US2009297579 A1 20091203	US20070227741 20070601; US20060809908P 20060601; WO2007US13066 20070601	MASSACHUSETTS INST TECHNOLOGY [US]	A61K9/00; A61K45/00; A61P43/00; C12N5/06	Control of Cells and Cell Multipotentiality in Three Dimensional Matrices
WO2009100128 A1 20090813	US20080026024P 20080204	MASSACHUSETTS INST TECHNOLOGY [US]; CHILDRENS MEDICAL CENTER [US]; DA SILVA FERRIERA LINO [PT]; KOHANE DANIEL [US]; LANGER ROBERT [US]	C12N5/00	Particulate delivery vehicles for embryoid bodies

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009134429 A2 20091105	US20080126310P 20080502	MASSACHUSETTS INST TECHNOLOGY [US]; GEN HOSPITAL CORP [US]; DANA FARBER CANCER INST INC [US]; PAREKKADAN BIJU [US]; YARMUSH MARTIN LEON [US]; TURLEY SHANNON J [US]	C12N5/08; A61P37/06	Methods and compositions for modulating immunological tolerance
WO2009126310 A2 20091015	US20080053563P 20080515; US20080043948P 20080410	MASSACHUSETTS INST TECHNOLOGY [US]; WHITEHEAD BIOMEDICAL INST [US]; GUPTA PIYUSH [US]; ONDER TAMER T [US]; LANDER ERIC S [US]; WEINBERG ROBERT [US]; MANI SENDURAI [US]; LIAO MAI-JING [US]		Methods for identification and use of agents targeting cancer stem cells
US2009238855 A1 20090924	US20090394914 20090227; US20070747004 20070510	MATHENY ROBERT G [US]	A61F2/00; A61K35/12	Laminate sheet articles for tissue regeneration
EP2128245 A1 20091202	EP20080009651 20080527	MAX PLANCK GESELLSCHAFT [DE]	C12N5/06	Generation of induced pluripotent stem (ips) cells
US2009297471 A1 20091203	US20050569653 20050526; US20040575527P 20040528; WO2005US18549 20050526	MAYO FOUNDATION [US]	A61K35/12; A61K35/18; A61K38/20; A61K38/21; A61P35/00	Methods for autologous stem cell transplantation
WO2009080794 A1 20090702	US20070015786P 20071221; US20080102986P 20081006	MC2 CELL APS [DK]; EL-SABBAN MARWAN [DK]; SINDET- PEDERSEN STEEN [GB]	C12N5/06	Method for preparing cell-specific extracellular matrices
WO2009155301 A2 20091223	US20080073301P 20080617	MCLEAN HOSPITAL CORP [US]; ISACSON OLE [US]; PRUSZAK JAN [US]	C12N5/08; A61K35/54; A61P25/00	Multipotent neural cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009196859 A1 20090806	US20090365381 20090204; US20080063315P 20080204	MED COLLEGE GEORGIA RES INST [US]	A61K35/30; A61P25/28; C12N5/02; C12N5/08	Oligodendrocyte Precursor Cell Composition and Methods of Use
CN101541954 A 20090923	US20060867875P 20061130	MEDIPOST CO LTD [KR]	C12N5/08	Use of a composition containing human umbilical cord blood-derived mesenchymal stem cell for inducing differentiation and proliferation of neural precursor cells or neural stem cells to neural cells
US2009311223 A1 20091217	US20070305589 20070622; US20060816170P 20060622; WO2007US14525 20070622	MEDISTEM LAB INC [US]	A61K35/12; A61K38/18; A61P15/00	Treatment of erectile dysfunction by stem cell therapy
CN101507835 A 20090819	CN20091037737 20090310	MEDPRIN REGENERATIVE MEDICAL T [CN]	A61L27/24; A61L27/16; A61L27/18; A61L27/20; A61L27/22; A61L27/26; A61L27/52; A61L27/54; A61L27/60	Nano bionic wound-surface cover and preparation method thereof
EP2121069 A2 20091125	WO2008US52349 20080129; US20070670227 20070201	MEDTRONIC VASCULAR INC [US]	A61L31/10; A61L29/08; A61L29/12; A61L29/16; A61L31/00; A61L31/14; A61L31/16	Stem cell coated stent
ES2330193T T3 20091207	EP20000111834 20000607	MERCK SERONO AS [CH]	A61K38/27; C12N5/06; A61K35/12; A61K38/00; A61K39/395; A61K45/00; A61P7/00; A61P9/00; A61P35/00; A61P35/02; C12N5/08	Hormona de crecimiento humano para estimular la movilizacion de celulas madre hematopoyeticas pluripotentes.

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
ES2327691T T3 20091102	US19960639891 19960426; US19970842382 19970423	MILTENYI BIOTEC GMBH [DE]	C12N15/02;C12N15/12; C07K14/47;G01N33/53; C07K14/705; C07K16/18;C07K16/28; C07K16/40; C12N5/06; C12N5/08; C12N5/10; C12N5/20; C12P21/08; G01N33/569; G01N33/577	Antígeno de células madre y progenitoras hematopoyéticas humanas y métodos para su uso.
KR20090112864 A 20091029	KR20080038602 20080425	MIRAE BIOTECH [KR]	C12N5/08; C12N5/00; C12N5/02	Method of manufacturing induced pluripotent stem cell originated from human somatic cell
KR20090083761 A 20090804	KR20080009755 20080130	MIRAE BIOTECH [KR]	C12N5/06; C12N5/00; C12N5/02	Method of manufacturing induced pluripotent stem cell originated from somatic cell
US2009214484 A1 20090827	US20080036192 20080222	MIRONOV NIKOLAY [RU]	A61K35/12	Stem cell therapy for the treatment of central nervous system disorders
US2009269848 A1 20091029	JP20050240814 20050823; WO2006JP316545 20060817	MIYAZAKI KAORU [JP]; HASHIMOTO JUNKO [JP]; KARIYA YOSHINOBU [JP]	C12N5/06; C07K14/00; C12M1/00	Technique for culture of mesenchymal stem cell utilizing laminin-5
KR20090085019 A 20090806	KR20060076162 20060811	MODERN CELL & TISSUE TECHNOLOG [KR]	C12N5/06; C12N5/00; C12N5/02	Culture medium for co-culturing of human stem cells and their feeder cells
US2009186334 A1 20090723	US20070280833 20070227; US20060777572P 20060227; US20060779842P 20060306; US20060779841P 20060306; US20060779997P 20060306; US20060779992P 20060306; WO2007US05142 20070227	MORAGA BIOTECHNOLOGY CORP [US]	A01N1/02; C12N5/06; C12N5/08	Non-embryonic totipotent blastomere-like stem cells and methods therefor

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009221074 A1 20090903	US20090429750 20090424; US20050313058 20051220; US20010981639 20011017; US19990437509 19991110; US19970965949 19971107; US19960030725P 19961108	MORPHOGENESIS INC [US]	C12N5/08	Materials and Procedures for the Purification of Cells
US2009214481 A1 20090827	US20060915660 20060526; US20050685614P 20050527; WO2006US20290 20060526	MUHS ANDREAS [CH]; WNENDT STEPHAN [DE]	A61K35/28; A61P9/00	Treatment of ischemia using stem cells
MX2009004776 A 20090714	US20060856515P 20061103; WO2007US23184 20071102	MULTIPLE SCLEROSIS RES CT OF N [US]	A61K35/30	Bone marrow-derived mesenchymal stem cells as a source of neural progenitors.
US2009186006 A1 20090723	US20090355682 20090116; US20080021592P 20080116	MURPHY MICHAEL P [US]	A61K35/12; A61K35/50; C12N5/08	Placental vascular lobule stem cells
JP2009148273 A 20090709	JP20090010932 20090121	NAKAO ICHIKAZU; ITO YUTAKA; YAMASHITA JUN; SHIONOGI & CO	A61K35/12; A61P9/00; A61P9/10; C12N5/07; C12N5/074	Method for differentiating and proliferating endothelial cell
US2009274630 A1 20091105	US20090405206 20090316; US20080049473P 20080501	NAT HEALTH RESEARCH INSTITUTES [TW]	A61K49/00; A01N1/02; A61K35/12; C12N1/00; C12N5/06; C12N15/87; C12Q1/02	Red blood cell-derived vesicles as a nanoparticle drug delivery system

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009159887 A 20090723	JP20080000750 20080107	NAT INST OF ADV IND & TECHNOL	C12N5/10; A61K35/28; A61L27/00; A61P19/00; C12N5/07; C12N5/074; C12N15/09	Bone or cartilage hybrid tissue construction by quasi- microgravity culture
WO2009157562 A1 20091230	JP20080168222 20080627	NAT INST OF ADVANCED IND SCIEN [JP]; KUWABARA TOMOKO [JP]; ASASHIMA MAKOTO [JP]	C12N5/06; A61K35/39; A61P3/10; A61P25/00	Method for establishment of adult pancreatic stem cell, and method for differentiation of adult pancreatic stem cell
WO2009157559 A1 20091230	JP20080168187 20080627	NAT INST OF ADVANCED IND SCIEN [JP]; KUWABARA TOMOKO [JP]; ASASHIMA MAKOTO [JP]	A61L27/00; A61K35/30; A61P1/18; A61P3/10	Pancreatic cell regeneration/transplantation kit for pancreatic diseases or diabetes
EP2118272 A2 20091118	WO2008EP52959 20080312; IE20070000170 20070312; IE20080000015 20080111	NAT UNIV IRELAND [IE]	C12N5/06; A61K38/04; C07K7/00	Markers, antibodies and recombinant scfvs for mesenchymal stem cell-sub-populations and osteoclasts
KR20090082684 A 20090731	KR20080008587 20080128	NATURAL F & P CORP [KR]	A61K36/73; A61P25/28	An extract of rubus coreanus miq. And a pharmaceutical composition comprising thereof for promoting neurogenesis
US2009325294 A1 20091231	US20080164795 20080630	NELSON SHELLEY [US]	C12N5/06	Single pluripotent stem cell culture
CN101506353 A 20090812	US20060814235P 20060615	NEOSTEM INC [US]	C12N5/06; A61K35/14	Processing procedure for peripheral blood stem cells
WO2009154840 A2 20091223	US20080039941P 20080327	NEOSTEM INC [US]; FALANGA VINCENT [US]	A61K35/28; A61K35/14; A61K38/36; A61K38/48; A61P17/02	Compositions and methods using stem cells in cutaneous wound healing
EP2117543 A2 20091118	WO2008US01371 20080201; US20070898803P 20070201	NEPHROGEN LLC [US]	A61K31/44	Potential of stem cell homing and treatment of organ dysfunction or organ failure

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009263901 A1 20091022	US20090424238 20090415; US20020047352 20020114; US19980053414 19980401; US19990398897 19990920; US19970919580 19970507; US19960719450 19960925; US19980101354P 19980922; US19960018206P 19960523	NEURALSTEM BIOPHARMACEUTICALS [US]	C12N15/87; C12N5/06; C12N5/08; G01N33/50; G01N33/94	Stable neural stem cell lines
US7560553 B1 20090714	US20030493674P 20030808; US20040914460 20040809; US20080049922 20080317	NEURALSTEM INC [US]	C07D401/00; A61K31/44; A61K31/497; C07D213/44; C12N5/08; C12Q1/00; G01N33/50; G01N33/68	Use of fuse nicotinamides to promote neurogenesis
US2009305403 A1 20091210	US20070439218 20070831; US20060824321P 20060901; WO2007US77355 20070831	NEURONASCENT INC [US]	C12N5/10; C07K16/18; C12N5/06	Isolation and Differentiation of Adult Hippocampal Arctic Squirrel Neural Stem Cells
WO2009092042 A1 20090723	US20080022194P 20080118; US20080104671P 20081010; US20080116920P 20081121	NEVADA CANCER INST [US]; MA YUPO [US]	C07H21/04; C12N15/00	Reprogramming of differentiated progenitor or somatic cells using homologous recombination

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009142271 A1 20091126	JP20080133392 20080521; JP20080272740 20081023	NEW IND RES ORGANIZATION [JP]; UNIV OSAKA [JP]; TAKAKURA NOBUYUKI [JP]; UENO MASAYA [JP]	C12N5/06; A61K31/7088; A61K45/00; A61K48/00; A61P35/00; G01N33/50 C12N15/09; C12Q1/02; C12Q1/68; G01N33/15;	Cancer stem cell having high level of sld5 expression therein
US2009325296 A1 20091231	US20090411320 20090325; US20080039214P 20080325	NEW JERSEY TECH INST [US]	C12N5/08	Electrospun electroactive polymers for regenerative medicine applications
WO2009152111 A1 20091217	US20080059936P 20080609	NEW YORK MEDICAL COLLEGE [US]; HOSODA TORU [US]; ANVERSA PIERO [US]; LERI ANNAROSA [US]; KAJSTURA JAN [US]	A61K35/34; A61P9/00	Compositions comprising cardiac stem cells overexpressing specific micrnas and methods of their use in repairing damaged myocardium
US2009215083 A1 20090827	US20060913141 20060420; US20050678047P 20050504; WO2006AU00529 20060420	NILSSON SUSAN KAYE [AU]; HAYLOCK DAVID NORMAN [AU]	G01N33/53; C12N5/06	Selecting, culturing and creating lineage committed hematopoietic stem cells
CN101469321 A 20090701	CN20071173407 20071229	NINTH HOSPITAL AFFILIATED TO S [CN]	C12N5/08	Method for rapidly filtering and screening medulla ossium substrate stem cell
JP2009232728 A 20091015	JP20080081597 20080326	NIPPON MENAIDE KESHOHIN KK [JP]	C12N5/06	Stem cell cultured by specific method and method for producing the same
JP2009232727 A 20091015	JP20080081596 20080326	NIPPON MENAIDE KESHOHIN KK [JP]	C12N5/06; A61K35/12; A61L27/00; A61P43/00	Stem cell cultured by specific method and method for producing the same
JP2009232726 A 20091015	JP20080081595 20080326	NIPPON MENAIDE KESHOHIN KK [JP]	C12N5/06; C12N5/02	Stem cell cultured by specific method and method for producing the same
JP2009232725 A 20091015	JP20080081594 20080326	NIPPON MENAIDE KESHOHIN KK [JP]	C12N5/06	Stem cell cultured by specific method and method for producing the same
JP2009232724 A 20091015	JP20080081593 20080326	NIPPON MENAIDE KESHOHIN KK [JP]	C12N5/06; A61P43/00	Stem cell cultured by specific method and method for producing the same

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101591644 A 20091202	CN20091081842 20090413; CN20091147866 20090616	NO 302 HOSPITAL OF PLA [CN]	C12N5/08	Preparation and storage of umbilical cord-mesenchymal stem cells (UC-mscs) used in clinical therapy
CN101603027 A 20091216	CN20081150037 20080612	NORTHWEST AGRICULTURE AND FORE [CN]	C12N5/08	Method for inducing in vitro human medulla mesenchymal stem cells to be divided into islet-like cells
WO2009103727 A2 20090827	EP20080151642 20080219	NOVARTIS AG [CH]; LEISMANN OLIVER [DE]	A61K45/06; A61P37/06; A61P39/04	Combination of an iron chelator and an immunosuppressant and use thereof
MX2009006691 A 20090909	US20060876222P 20061220; WO2007US88457 20071220	NOVARX [US]		Universal tumor cell vaccine for anti cancer therapeutic and
US2009263365 A1 20091022	US20070978019 20071025; US20030607327 20030626; US19990117764 19990107; WO1997US02063 19970207; US19960011433P 19960208	OF HEALTH AND HUMAN SERVICES O [US]	A61K48/00; C12N5/02; C12N5/06; C12N5/08	Methods and compositions for transforming dendritic cells and activating cells
US2009253147 A1 20091008	US20090384279 20090401; US20080072686P 20080401	OKADA AMI [US]; MCCONNELL SUSAN [US]; WEIMANN JAMES [US]	G01N33/53; C12Q1/04	Marker for stem cells
JP2009294184 A 20091217	JP20080150850 20080609	OLYMPUS CORP [JP]	G01N1/28	Apparatus for treating body tissue

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009170193 A1 20090702	US20090397246 20090303; GB20030029449 20031219; US20070583188 20070322; WO2004GB05365 20041220	OMNICYTE LTD [GB]	C12N5/08; C12N5/06	Stem cells
CN101583624 A 20091118	US20060847904P 20060929	ONCOMED PHARMACEUTICALS INC [US]	C07K16/00; C07H21/04; C12N15/00; C12P21/08	Compositions and methods for diagnosing and treating cancer
RU2360965 C1 20090710	RU20070140360 20071101	OOO LAB KLETOCHNOGO MONITORING [RU]	C12N5/071; C12N5/0789; G01N33/48	Method of increasing number of patient's haemopoetic undifferentiated stem cells ex vivo
RU2368338 C1 20090927	RU20080102502 20080128	OOO TRANS T [RU]	A61B17/24	Method of parodontium tissues regeneration
RU2375981 C1 20091220	RU20080131838 20080805	OOO TRANS T [RU]; FEDERAL NOE G UCHREZHDENIE ROS [RU]	A61B17/56	Method of treating slowly healing fractures by transplantation of autologic mesenchymal stem cells
RU2370227 C1 20091020	RU20080110351 20080320	OOO TRANS T [RU]; GU SANKT PETERBURGSKIJ NII SKO [RU]	A61B17/56	Method of treating multi-splintered and multiple fractures of long tubular bones
EP2119768 A1 20091118	WO2008JP50641 20080118; JP20070011805 20070122	ORGAN TECHNOLOGIES INC [JP]	C12N5/06; A61K6/00; A61K35/32; A61P1/02; C12N15/09	Method for production of mesenchymal cell, method for production of tooth, and mesenchymal cell for formation of tooth
WO2009123349 A1 20091008	JP20080093350 20080331; JP20080225686 20080903	ORIENTAL YEAST CO LTD [JP]; UNIV KYOTO [JP]; YASUDA HISATAKA [JP]; YAMADA MUNEHIRO [JP]; MIYAZAKI KAORU [JP]; TAKAHASHI KAZUTOSHI [JP]	C12N5/06; C07K14/47	Method for proliferation of pluripotent stem cell

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
NZ566812 A 20090731	US20020411700P 20020918; US20020411779P 20020918	ORTHO MCNEIL PHARM INC	A61K45/00; A01N63/00; A61K35/12; A61K38/12; A61K38/18; A61K38/22; A61P7/04; A61P7/06; C07K14/475; C12N5/06; C12N5/08	Methods of increasing platelet and hematopoietic stem cell production
US2009214493 A1 20090827	US20090395949 20090302; US20020127737 20020422; US20000446952 20000327; WO1998US14520 19980714; US19970052910P 19970714; US20030690435 20031021; US20020278148 20021022	OSIRIS THERAPEUTICS INC [US]	A61K35/12; C12N5/06	Cardiac muscle regeneration using mesenchymal stem cells
EP2105138 A2 20090930	EP19970920427 19970417; US19960016245P 19960419; US19960029838P 19961028	OSIRIS THERAPEUTICS INC [US]	A61K35/28; C12M1/00; A61F2/28; A61L27/00; A61L27/12; A61L27/38; A61L27/58; A61P19/08; C12N5/06	Regeneration and augmentation of bone using mesenchymal stem cells
EP2110431 A1 20091021	EP19980922211 19980513; US19970047002P 19970513	OSIRIS THERAPEUTICS INC [US]; UNIV CASE WESTERN RESERVE [US]	C12N5/06; A61K38/18; A61K38/39; A61L27/38; C12N5/02	Cartilage regeneration using human mesenchymal stem cells
WO2009111030 A1 20090911	US20080042487 20080305	OSIRIS THERAPEUTICS INC [US]; VARNEY TIMOTHY R [US]; MILLS CHARLES R [US]; DANILKOVITCH ALLA [US]	A61K35/28; C12N5/06	Use of mesenchymal stem cells for treating genetic diseases and disorders

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009311682 A1 20091217	FR20060002592 20060324; WO2007EP52574 20070319	PAIN BERTRAND [FR]; LAVIAL FABRICE [FR]; BACHELARD ELODIE [FR]; MONTILLET GUILLAUME [FR]; SAMARUT JACQUES [FR]	C12Q1/68; C40B40/08	Combination of avian cell markers
US2009311789 A1 20091217	FR20060002597 20060324; WO2007EP52572 20070319	PAIN BERTRAND [FR]; LAVIAL FABRICE [FR]; SAMARUT JACQUES [FR]	C12N15/87; C07K14/465; C12N1/21; C12N5/06; C12N15/00	Method for preparing differentiated avian cells and genes involved in maintaining pluripotency
AR066627 A1 20090902	WO2007NL50228 20070516	PANGENETICS B V [NL]		Medio y metodos para mejorar la diferenciacion de celulas madre hematopoyeticas
US2009226402 A1 20090910	US20090401291 20090310; US20060552396 20061024; US20050734151P 20051107	PECORA ANDREW [US]; PRETI ROBERT [US]	A61K35/12; A61P9/10	Compositions and Methods of Vascular Injury Repair
JP2009232853 A 20091015	AU2001PR08565 20011030	PETER MACCALUM CANCER INST [AU]	C12Q1/04; A61K35/12; A61P7/00; A61P7/06; A61P9/00; A61P35/02; C12N5/06; C12N5/10; C12N15/09; C12Q1/48; G01N33/53; G01N33/566; G01N33/569	Haematopoietic stem cell and progeny thereof and their use
MX2009008843 A 20090828	WO2007CH00101 20070228	POLYPHOR LTD [CH]	C07K7/56; A61K38/12	Template-fixed peptidomimetics.
WO2009153818 A1 20091223	WO2008IT00410 20080619	PONZETTO ANTONIO [IT]; GENNERO LUISA [IT]; POGGI CLAUDIO [IT]	C12M1/00	Method for accelerating differentiation of stem cells, proliferation of primary cells with specific tissue phenotypes, or tumoral cell lines and fusion of different cell types and device therefor

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009263357 A1 20091022	US20080013282 20080111; US20050060131 20050216; US20030346816 20030116; US20040864788 20040608; US20020348521P 20020116; US20020367161P 20020326; US20030477438P 20030609; US20040588146P 20040715	PRIMEGEN BIOTECH LLC [US]	A61K35/12; C12M3/00; C12N5/06	Therapeutic Reprogramming, Hybrid Stem Cells and Maturation
WO2009140655 A1 20091119	US20080053603P 20080515	PRIMEGEN BIOTECH LLC [US]; KANNEMEIER CHRISTIAN [US]; PHAM JANE [US]; JAVIER CARL [US]; SUNDSMO JOHN [US]	C12N15/86	Methods for efficient viral reprogramming of somatic cells into stem cell-like pluripotent cells
KR20090122946 A 20091201	US20070891824P 20070227	PROCELL THERAPEUTICS INC [KR]	C07K14/71; C12N5/10; C12N15/09	Combined use of cell permeable nanog and oct4 for increasing self-renewal and suppressing differentiation of stem cells
SG156611 A1 20091126	US20040614478P 20041001	PROMETIC BIOSCIENCES INC [CA]		Medium-chain length fatty alcohols as stimulators of hematopoiesis
KR20090121541 A 20091126	KR20080047498 20080522	PROSTEMICS [KR]	A61K35/28; A61K35/12; A61P35/00	Composition for preventing or treating cancer comprising adult stem cell culture or its fraction
WO2009148622 A1 20091210	US20080129141P 20080606	PROTEONOMIX INC [US]; SHAMBLOTT MICHAEL [US]; COHEN MICHAEL [US]	C12N5/08; C12N5/00; C12N5/02	Compositions and methods for growing embryonic stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009139904 A1 20091119	US20080071734P 20080514	PROTEONOMIX INC [US]; UNIV JOHNS HOPKINS [US]; COHEN MICHAEL [US]; XIANGCAN ZHAN [US]	C12M1/12	Methods and devices for isolating embryonic stem cells
WO2009139881 A2 20091119	US20080071733P 20080514	PROTEONOMIX INC [US]; UNIV JOHNS HOPKINS [US]; COHEN MICHAEL [US]; XIANGCAN ZHAN [US]; SHAMBLOTT MICHAEL [US]	C12N5/08	Compositions and methods for growing embryonic stem cells
WO2009139419 A1 20091119	JP20080127755 20080514	PUBLIC UNIVERSITY CORP YOKOHAM [JP]; TANIGUCHI HIDEKI [JP]; ZHENG YUN-WEN [JP]	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
KR20090073658 A 20090703	KR20070141667 20071231	PUSAN NAT UNIV IND COOP FOUND [KR]	A61K35/12; A61P11/02; A61P11/06	An agent comprising adipose tissue-derived stem cells as effective ingredient for prevention and treatment of allergic rhinitis or asthma
KR20090083149 A 20090803	KR20080009141 20080129	PUSAN NAT UNIV IND COOP FOUND [KR]	A61K31/12; A61P25/28	Pharmaceutical composition comprising curcumin for regulating cell proliferation of neural stem cell
US2009305406 A1 20091210	CZ20060000049 20060125; WO2007CZ00005 20070123	PYTLIK ROBERT [CZ]; HOFMAN PETR [CZ]; TRC TOMAS [CZ]; STEHLIK DAVID [CZ]; SOUKUP TOMAS [CZ]; KOBYLKA PETR [CZ]; KLENER PAVEL [CZ]; RYPACEK FRANTISEK [CZ]; MULINKOVA KATARINA [SI]	C12N5/08; C12M1/12	Method of cultivation of human mesenchymal stem cells, particularly for the treatment of non-healing fractures, and bioreactor for carrying out this cultivation method
US2009220466 A1 20090903	US20060096754 20061102; US20050748685P 20051208; WO2006US42780 20061102	RATAJCZAK MARIUSZ [US]; KUCIA MAGDALENA [US]; RATAJCZAK JANINA [US]	A61K35/12; A01K67/027; A01N1/02; C12N5/06; C12N5/08; C40B30/06; G01N33/53	Very small embryonic-like (vsel) stem cells and methods of isolating and using the same

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2109668 A2 20091021	WO2008US51730 20080122; US20070881497P 20070122; US20070907180P 20070323; US20070924247P 20070504; US20070950714P 20070719; US20070972613P 20070914	RAVEN BIOTECHNOLOGIES [US]	C12N5/00; C12N5/02	Human cancer stem cells
WO2009135001 A2 20091105	US20080049016P 20080430	RAY ANURADHA [US]; RAY PRABIR [US]; KRISHNAMOOTHY NANDINI [US]; UNIV PITTSBURGH COMMONWEALTH S [US]	A61K39/395	Methods and compositions for regulating th2 and th17 responses
US2009280093 A1 20091112	US20070280566 20070227; US20060777517P 20060301; WO2007IL00259 20070227	REGENERATIVE MEDICINE INST [US]	A61K35/12; C12N5/06	Compositions and populations of cells obtained from the umbilical cord and methods of producing the same
WO2009111649 A2 20090911	US20080034068P 20080305	REGENERATIVE RES FOUNDATION [US]; GODERIE SUSAN K [US]; STERN JEFFREY [US]; TEMPLE SALLY [US]; LOWRY NATALIA [US]; BANERJEE AKHILESH [IN];	A61K38/19	Methods and compositions for delivery of exogenous factors to nervous system sites
WO2009132156 A1 20091029	US20080047102P 20080422	REGENERATIVE RES FOUNDATION [US]; TEMPLE SALLY [US]; SALERO-COCA ENRIQUE L [US]; STERN JEFFREY [US]	C12N5/10; C12N5/00	Retinal pigment epithelial stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009085969 A2 20090709	US20070014987P 20071219	REGENERATIVE SCIENCES LLC [US]; CENTENO CHRISTOPHER J [US]	C12N5/08; C12N5/00; C12N5/02	Compositions and methods to promote implantation and engraftment of stem cells
WO2009097657 A1 20090813	AU20080900534 20080205	REGENERTECH PTY LTD [AU]; BHASIN VISHAL [AU]	C12N5/08; C12N5/06	Method of producing progenitor cells from differentiated cells
BRPI0607883 A2 20091222	US20050657271P 20050228; US20050657306P 20050228; WO2006US06816 20060227	REGENETECH INC [US]	A01N1/02; A01N37/18; A61K35/12; C12M1/00	Método para obter material celular prontamente disponível derivado de sangue periférico e uma composição do referido material celular
BRPI0608277 A2 20091124	US20050657287P 20050228; WO2006US06829 20060227	REGENETECH INC [US]	A61K38/19; A61K35/14; C12N5/08	Método e composição para o reparo de tecidos do coração
BRPI0607882 A2 20091124	US20050657553P 20050228; WO2006US06817 20060227	REGENETECH INC [US]	A01N63/00	Método e composição para tratamento de diabetes
US2009175927 A1 20090709	US20070801778 20070511; US20060799560P 20060511	REGENICS AS [NO]	A61K9/70; A61K9/12; A61K35/12; A61K35/54; C12N5/06	Administration of cells and cellular extracts for rejuvenation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009281370 A1 20091112	US20090482031 20090610; DK20020000924 20020617; DK20020000925 20020617; US20040518055 20041216; WO2003DK00401 20030617; US20020407686P 20020904; US20020407685P 20020904	REGION HOVEDSTADEN V HERLEV HO [DK]	A61B17/43; C12M1/00; A01N1/02; A61K35/12; A61P15/00; C12M1/24; C12M1/26; C12M1/36; C12M1/38; C12M3/00; C12N5/06; C12N5/08; C12N15/85; C12N15/87	In vitro fertilisation
IL160351 A 20091118	US20010314323P 20010823; WO2002IN00168 20020820	RELIANCE LIFE SCIENCES PVT LTD [IN]	C12N5/071; A61B17/435; A61B18/20; A61K35/54; C12N5/07; C12N13/00 C12N5/0735;	Method for the isolation of the inner cell mass of a human blastocyst for the establishment of human embryonic stem cell (hesc) lines
US2009220996 A1 20090903	IN2007MU00428 20070306; WO2008IN00126 20080305	RELIANCE LIFE SCIENCES PVT LTD [IN]	G01N33/567	In vitro Assay Methods for Classifying Embryotoxicity of Compounds
WO2009087681 A2 20090716	IN2007MU02594 20071228	RELIANCE LIFE SCIENCES PVT LTD [IN]; MURALI KRISHNA; RAJARSHI PAL; APARNA KHANNA [IN]	C12Q1/68	Methods for characterisation of mammalian embryonic stem cells by multiplex pcr
CN201366179Y Y 20091223	CN20092066863U 20090114	RENJI HOSPITAL AFFILIATED TO S [CN]	A61M31/00	Three-way type stem cell seminiferous tubule injector
WO2009114814 A2 20090917	US20080036882P 20080314	RETROTOPE INC [US]; SHCHEPINOV MIKHAIL S [GB]		Therapeutic substances that modulate genome methylation
US2009169613 A1 20090702	US20080268399 20081110; US20070986623P 20071109	REZNIK BORIS N [US]; ICHIM THOMAS [US]; DOUGHERTY CHRISTOPHER [US]	A61K9/127; A61K9/14; A61K38/16; A61K39/395; A61P35/00	Targeting of tumor stem cells through selective silencing of boris expression

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009256350 A 20091105	JP20080087374 20080328; JP20090083182 20090330	RIKAGAKU KENKYUSHO [JP]	A61K31/353; A61P19/00; A61P43/00	Bone differentiation inducing agent
EP2128244 A1 20091202	WO2008JP50305 20080111; JP20070009617 20070118	RIKEN [JP]	C12N5/06; C12N15/09	Method for induction/differentiation into photoreceptor cell
US2009170205 A1 20090702	JP20070341392 20071228	RIKEN [JP]	C12N15/64; C07K14/00; C12N5/00; C12N15/63	Method of maintenance and expansion of hematopoietic stem cells
CN101563449 A 20091021	JP20060257780 20060922	RIKEN [JP]	C12N5/02; C12N5/22	Stem cell culture medium and method
EP2083076 A1 20090729	WO2007JP68335 20070921; JP20060259295 20060925	RIKEN [JP]	C12N15/09; A61K35/14; A61P35/00; A61P37/02; A61P43/00; C12N5/10; C12N15/00	In vitro differentiation/induction of lymphocyte from stem cell having genotype provided after gene reconstitution
WO2009113595 A1 20090917	JP20080061542 20080311	RIKEN [JP]; KATSURA YOSHIMOTO [JP]; KAWAMOTO HIROSHI [JP]; IKAWA TOMOKATSU [JP]	C12N5/10; A61K35/12; A61P37/04; C12N15/09	Method for producing cells having characteristic of hematopoietic stem cells/progenitor cells
WO2009148170 A1 20091210	JP20080149880 20080606; JP20080282299 20081031	RIKEN [JP]; SASAI YOSHIKI [JP]; WATAYA TAKAFUMI [JP]; EIRAKU MOTOTSUGU [JP]	C12N5/06	Method for culture of stem cell
US2009291061 A1 20091126	US20090470438 20090521; US20080055106P 20080521	RIORDAN NEIL H [US]; ICHIM THOMAS [US]	A61K38/20; A61K45/00; A61P9/00	Stem cell therapy for blood vessel degeneration
CN101473030 A 20090701	KR20060054071 20060615	RNL BIO CO LTD [KR]	C12N5/08	Cosmetic or plastic composition comprising multipotent stem cells derived from human adipose tissue, fibroblast, and adipose or adipocyte

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009215077 A1 20090827	US20090417496 20090402; US20060475249 20060627; US20050694666P 20050629	RULES BASED MEDICINE INC	G01N33/53; C12Q1/00; C12Q1/48	Methods for diagnosis of acute coronary syndrome
WO2009151844 A1 20091217	US20080071682P 20080512; US20080052478P 20080512	SAINT PETER S COLLEGE [US]; SCIORRA LEONARD [US]	C12N5/08; C12N5/00	Multipotent stem cell cultures
US2009191159 A1 20090730	US20080157967 20080613; JP20070159382 20070615; WO2007EP10019 20071120; US20080040646P 20080328	SAKURADA KAZUHIRO [JP]; MASAKI HIDEKI [JP]; ISHIKAWA TETSUYA [JP]; TAKAHASHI SHUNICHI [JP]	A61K45/00; A61P3/10; A61P25/28; C12N5/08; C12Q1/68; G01N33/53	Multipotent/pluripotent cells and methods
WO2009115522 A1 20090924	IT2008UD00058 20080318	SALES ENGINEERING AG [CH]; POLETTINI MARCO [IT]; GAMBACURTA ALESSANDRA [IT]	B01L3/00; C12N5/06; C12Q1/68; G01N33/50	Kit for collecting blood, preferably peripheral blood, for the production of stem cells
US2009286320 A1 20091119	US20090494203 20090629; US20060437556 20060519; US19970919501 19970828	SALK INST FOR BIOLOGICAL STUDI [US]	C12N15/87; A01K67/027; C07H21/00; C07H21/04; C12N5/10; C12N9/00; C12N15/00	Site-specific recombination in eukaryotes and constructs useful therefor
EP2121903 A2 20091125	WO2008EP51860 20080215; US20070902017P 20070216	SAN RAFFAELE CENTRO FOND [IT]	C12N5/06	Mitogen independence identifies a highly malignant population of tumor stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009280198 A1 20091112	US20080288848 20081023; US20060415907 20060502; US20050676733P 20050502	SANBERG CYNDY DAVIS [US]; SANBERG PAUL [US]; BICKFORD PAULA [US]; SHYTLE R DOUGLAS [US]; TAN JUN [US]	A61K36/82; A61K31/35; A61K31/59; A61K36/45; A61K38/05	Combined effects of nutrients on proliferation of stem cells
CN101605552 A 20091216	US20050659335P 20050307	SANBIO INC [US]	A61K35/30; A61P25/00; C12N5/06	Use of materials for treatment of central nervous system lesions
US2009324561 A1 20091231	US20090583782 20090826; US20050100664 20050407; US20040561613P 20040412	SANBIO INC [US]	A61K35/12; A61K35/28; A61K35/30; C12N5/02; C12N5/06; C12N5/08	Cells exhibiting neuronal progenitor cell characteristics and methods of making them
WO2009134409 A2 20091105	US20080125978P 20080430	SANBIO INC [US]; CASE CASEY [US]	C12Q1/68; C12N5/08	Neural regenerating cells with alterations in dna methylation
RU2371131 C1 20091027	RU20080127109 20080703	SAVINTSEV ALEKSANDR MIKHAJLOVI [RU]; SMOLJANINOV ALEKSANDR BORISOVI [RU]; KHURTSILAVA OTARI GIVIEVICH [RU]; BULGIN DMITRIJ VIKTOROVICH [RU]	A61B17/56	Method for treating femoral neck fractures
US2009208467 A1 20090820	US20080331117 20081209; US20010803687 20010309; US20000213627P 20000623; US20000188120P 20000309	SCADDEN DAVID T [US]; CHENG TAO [US]	A61K35/12; A61P7/00; C12N5/06; C12N5/08	P27 and p21 in gene therapies

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009238800 A1 20090924	US20070299357 20070215; WO2006US17861 20060503; WO2007US03921 20070215	SCHEPENS EYE RES INST [US]	A61K35/44; A61P27/02; C12N5/08	Isolation and therapeutic application of adult retinal stem cells collected from extra-retinal tissues
WO2009109604 A1 20090911	DE200810012510 20080304	SCHMIDT-LUCKE CAROLINE [DE]; TSCHOEPE CARSTEN [DE]; SCHULTHEISS HEINZ-PETER [DE]	G01N33/50; C12N5/06	Method for detection of parvovirus b19 in blood or bone marrow
US2009304650 A1 20091210	US20060914007 20060511; US20050679902P 20050511; WO2006US18159 20060511	SCOTT EDWARD W [US]; SLAYTON WILLIAM B [US]	A61K35/12; C12N5/06	Repair of the Bone Marrow Vasculature
WO2009117439 A2 20090924	US20080069956P 20080317; US20080197986P 20081031	SCRIPPS RESEARCH INST [US]; SHI YAN [US]; DESPONT CAROLINE [US]; DING SHENG [US]	C12N5/08	Combined chemical and genetic approaches for generation of induced pluripotent stem cells
CN101564555 A 20091028	CN20091107624 20090527	SECOND PEOPLE S HOSPITAL OF SH [CN]	A61L27/38; A61L27/12; A61L27/54; A61L27/56	Tissue engineering bone implant and method for constructing the same
EP2136646 A1 20091230	WO2008US55242 20080228; US20070893780P 20070308	SEKULA RAYMOND F JR [US]	A01N63/00	A method of producing purified neural stem cells and related methods of treating a patient
WO2009107088 A2 20090903	HU20080000134 20080226	SEMMELWEIS UNIVERSITY [HU]; LACZA ZSOMBOR [HU]; WESZL MIKLOS [HU]	A61L27/22; A61K9/00	Method for producing an implantable bone composition
KR20090089120 A 20090821	KR20080014498 20080218	SEOUL NAT UNIV IND FOUNDATION [KR]	C12N5/08; C12N5/00; C12N5/02	Multipotential cancer stem cell line and preparation method thereof
US2009305413 A1 20091210	KR20050117015 20051202; WO2006KR04649 20061107	SEOUL NAT UNIV IND FOUNDATION [KR]	C12N5/06	Multipotent adult stem cells having an ability of oct4 expression derived from umbilical cord blood and method for preparing the same

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090074018 A 20090703	KR20097005443 20061220; WO2006KR03187 20060814	SEOUL NAT UNIV IND FOUNDATION [KR]	C12N5/08; C12N5/06	Embryonic stem cell-like cells
KR20090130582 A 20091224	KR20080056282 20080616	SEOUL NAT UNIVERSITY HOSPITAL [KR]	C12N5/08; C12N5/00; C12N5/02	Method for derivation of pluripotent stem cells using embryonic stem cell extract and pluripotent stem cells produced by the method
CN101528157 A 20090909	KR20060105127 20061027	SEWON CELLONTECH CO LTD [KR]	A61F2/28	Medical kit and using method thereof
CN101590292 A 20091202	CN20091016343 20090611	SHANDONG EYE INST [CN]	A61L27/36; A01N1/00; A61F2/14; A61L27/38	Preparation method and application thereof of acellular conjunctiva matrix
CN101509040 A 20090819	CN20091047838 20090319	SHANGHAI BLOOD CT [CN]	C12Q1/68; G01N27/447	Reagent kit for inosculating status analysis after hemopoietic stem cell transplantation and uses thereof
CN201290948Y Y 20090819	CN20082154065U 20081015	SHANGHAI CHILDREN S HOSPITAL [CN]	A61M5/178	Mice intrauterine stem cell transplantation tool
WO2009079922 A1 20090702	CN20071094456 20071213; CN20081043016 20080108	SHANGHAI GUOJIAN BIO TECH INST [CN]; GUO YAJUN [CN]; QIAN WEIZHU [CN]; HOU SHENG [CN]; LI BOHUA [CN]; WANG HAO [CN]; MA JING [CN]	C07K16/28; A61K39/44; A61P7/06; A61P35/00; C12P21/08; G01N33/543	Humanized anti-cd34 monoclonal antibody, the preparation and uses thereof
CN101481417 A 20090715	CN20081043016 20080108; CN20081090840 20080402	SHANGHAI GUOJIAN BIOTECHNOLOGY [CN]	C07K16/28	Antihuman CD34 humanized antibody, preparation and use thereof
CN101550428 A 20091007	CN20081035462 20080401; CN20091134203 20090401	SHANGHAI INST BIOL SCIENCES [CN]	C12N15/86; C12N5/10; C12N15/867	Method for producing induced multipotential stem cell
CN201288187Y Y 20090812	CN20082060573U 20080529	SHANGHAI QIKANG BIOTECHNOLOGY [CN]	C12M3/00; C12M1/34	Stem cell treatment integrated apparatus

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101591640 A 20091202	CN20081038360 20080530	SHANGHAI RES CT OF GENETICALLY [CN]	C12N5/08; C07K19/00; C12N15/62; C12N15/70	Method for inducing somatic cell to reprogram by penetrating stem cell transcription factor
CN101538553 A 20090923	CN20091058292 20090206	SHANGMIAN YE [CN]	C12N5/08	Method for separating, purifying, culturing and proliferating totipotent stem cell from tissue of early aborted fetus of human being
US2009202479 A1 20090813	US20090362847 20090130; US20080063288P 20080131	SHI YUFANG [US]; REN GUANGWEN [US]; ZHANG LIYING [US]	A61K38/20; A61K35/12; A61K38/21	Method for modulating immune responses using stem cells and cytokines
US2009191626 A1 20090730	US20090362250 20090129; US20080063010P 20080130	SHOGBON CHRISTOPHER BANKOLE [US]; ZHOU YUE [US]; BRANDENBERGER RALPH [US]	C12N5/08; C12M1/00; C12N5/00	Synthetic Surfaces for Culturing Stem Cell Derived Oligodendrocyte Progenitor Cells
US2009191633 A1 20090730	US20090362190 20090129; US20080062921P 20080130	SHOGBON CHRISTOPHER BANKOLE [US]; ZHOU YUE [US]; BRANDENBERGER RALPH [US]	C12N5/08; C12M1/18; C12M1/24	Synthetic Surfaces for Culturing Stem Cell Derived Cardiomyocytes
CN101495157 A 20090729	RU20060127134 20060727	SHURDOV MIKHAIL ARKAD EVICH [RU]	A61K48/00	Disease treating method
US2009226907 A1 20090910	US20060158979 20061222; AU20050907287 20051223; US20060764183P 20060131; WO2006AU01998 20061222	SIENNA CANCER DIAGNOSTICS LTD [AU]	C12Q1/68	Assay for detection of telomerase activity
US2009300782 A1 20091203	US20060918698 20060418; US20050672617P 20050418; WO2006US14391 20060418	SINAI SCHOOL MEDICINE [US]	A01K67/027; C12N5/06; C12N15/64	Targeted gene addition in stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009171981 A 20090806	US20020381617P 20020517; US20030444851P 20030204	SINAI SCHOOL MEDICINE [US]	C12N5/06; C12N15/12; A01K67/027; A61K48/00; C12N1/02; C12N5/00; C12N5/08; C12N5/10; C12N15/09; C12P21/08; C12Q1/00; C12Q1/02; C12Q1/68; G01N33/15; G01N33/50	Mesoderm and definitive endoderm cell population
EP2118278 A2 20091118	WO2008US00666 20080118; US20070881226P 20070119	SINAI SCHOOL MEDICINE [US]	C12N15/00; A01K67/00; A01K67/027; A01K67/033; C07H21/00; C07H21/02; C07H21/04; C12N5/02	Stem cell gene targeting
US2009274671 A1 20091105	US20090433412 20090430; US20020188221 20020701; US20010301861P 20010629; US20010302852P 20010702	SLOAN KETTERING INST CANCER [US]	A61K35/12; A61K31/7088; A61K48/00; C07K14/805; C12N5/06; C12N5/08; C12N15/867; C12N15/87	Vector encoding human globin gene and use thereof in treatment of hemoglobinopathies
US2009170148 A1 20090702	US20080189589 20080811; US20070955598P 20070813	SMIRNOVA YULIA A [RU]; ZINOVIEVA RIRA D [RU]; MILYUSHINA LYUBOV ALEXAUDROVNA [RU]; ALEXANDROVA MARIA ANATOLIEVNA [RU]	C12Q1/02; C12N5/00; C12N5/06; C12N5/08	Nanog+, OCT-4+ Retinal Pigment Epithelial Stem Cells and Methods for Their Use and Manufacture
WO2009118543 A1 20091001	GB20080005670 20080328	SMITH & NEPHEW [GB]; GENEVER PAUL [GB]; BRAY HELEN [GB]	C12N5/08	Increasing the plasticity of stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
AR066036 A2 20090722	US20000207084P 20000525; US20000228929P 20000830	SMITHKLINE BEECHAM CORP [US]	C07D231/46; A61K31/41; A61K31/4152; A61K31/4155; A61K31/427; A61K31/435; A61K31/4439; A61K31/455; A61K31/675; A61K38/00; A61K39/00; A61K45/00; A61P7/00; A61P7/04; A61P37/04; A61P43/00; C07C205/59; C07C229/64; C07C309/49; C07C311/02; C07D213/79; C07D213/80	Derivados de hidroxi-1- azobenceno, composiciones farmaceuticas que los comprenden, uso de dichos compuestos en la fabricacion de medicamentos, proceso para preparar dichas composiciones, proceso para preparar dichos compuestos, metodo in vitro o ex vivo para aumentar la estimulacion de la maduracion
WO2009116088 A2 20090924	IN2008MU01507 20080315	SMT G R DOSHI AND SMT K M MEHT [IN]; H L TRIVEDI INST OF TRANSPLANT [IN]; TRIVEDI H L [IN]; VANIKAR ARUNA [IN]	A61K35/14; A61K35/28; A61K35/55; A61P37/06; C12N5/06	A novel composition of stem cells transplantation tolerance
WO2009116087 A1 20090924	IN2008MU00211 20080315	SMT G R DOSHI AND SMT K M MEHT [IN]; H L TRIVEDI INST OF TRANSPLANT [IN]; TRIVEDI H L [IN]; VANIKAR ARUNA [IN]	C12N5/06; A61K35/39	Human adipose derived insulin making mesenchymal stem cells for treating diabetes mellitus
US2009228105 A1 20090910	KR20050103156 20051031; WO2006KR04479 20061031	SON YOUNG SOOK [KR]; LEE JUNG SUN [KR]; LEE EUN KYUNG [KR]; LEE JIN YEON [KR]	A61F2/08	Artificial cartilage containing chondrocytes obtained from costal cartilage and preparation process thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009181092 A1 20090716	US20090382217 20090311; US20050181677 20050714; US20050205760 20050817; US20050205775 20050817; US20050205784 20050817; US20070650306 20070105; US20070650398 20070105; US20070707769 20070216; US20070802642 20070524; US20070892218 20070821; US20040588550P 20040716; US20040623600P 20041029; US20060764019P 20060201; US20060854413P 20061024; US20060764020P 20060201	SPINAL RESTORATION INC [US]	A61K9/10; A61K35/12	Methods for Treating Joints and Discs with a Carrier Matrix and Cells
US2009217403 A1 20090827	EP20050076308 20050606; WO2006NL00277 20060606	SPITS HERGEN [US]	A01K67/027; A61K48/00; C12N5/08; C12N5/10; C40B30/04; C40B40/02	Means and methods for generating a t cell against an antigen of interest

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009135206 A1 20091105	US20080050086P 20080502	STEM CELL PRODUCTS INC [US]; DAIGH CHRISTINE [US]; RAJESH DEEPIKA [US]	C12N5/06	Method for production of mast cells from stem cells
WO2009149233 A1 20091210	US20080058858P 20080604; US20090160584P 20090316	STEM CELL PRODUCTS INC [US]; MACK AMANDA [US]; THOMSON JAMES [US]	C12N5/08; C12N5/10; C12N15/869	Methods for the production of ips cells using non-viral approach
EP2121906 A1 20091125	WO2008GB00558 20080219; GB20070003188 20070219; GB20070006917 20070410	STEM CELL SCIENCES UK LTD [GB]	C12N5/06; C12N5/08	Large scale production of stem cells
JP2009298811 A 20091224	US20050721025P 20050927; US20060799280P 20060509	STEM CELL THERAPEUTICS [CA]	A61K38/22; A61K45/00; A61P25/00; A61P25/18; A61P25/24; A61P25/28; A61P43/00	Oligodendrocyte precursor cell proliferation regulated by prolactin
US2009274668 A1 20091105	US20090504336 20090716; US20060343419 20060130; US20020231493 20020830; US20010316365P 20010830; US20010316579P 20010831; US20010322514P 20010914; US20020386404P 20020607	STEM CELL THERAPEUTICS [CA]	A61K35/12; A61K35/30; A61K38/22; A61K38/27; A61K38/30; A61L27/00; A61P21/00; A61P25/00; A61P25/08; A61P25/16; A61P25/18; A61P25/28; C12N5/00; C12N5/06; C12N5/08	Combined Regulation of Neural Cell Production

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009149677 A 20090709	US20010322514P 20010914; US20020386404P 20020607	STEM CELL THERAPEUTICS [CA]	A61K38/22; A61L27/00; A61K31/565; A61K35/12; A61K35/30; A61K38/00; A61K38/27; A61K38/30; A61P21/00; A61P25/00; A61P25/14; A61P25/16; A61P25/28; A61P43/00; C12N5/06; C12N5/08	Prolactin induced increase in neural stem cell number, and therapeutical use thereof
KR20090131677 A 20091229	PL20070382287 20070425; PL20070383134 20070811	STEM CELLS SPIN SP ZO O [PL]	C12N5/06; A61L27/38	New stem cell lines, their application and culture methods
JP2009284819 A 20091210	JP20080140476 20080529	STEMCELL INST [JP]	C12N5/06	Method for culturing and/or amplifying selectively hematopoietic stem cell or precursor cell
US2009186004 A1 20090723	JP20060118799 20060424; WO2007JP58845 20070424	STEMCELL INST [JP]	A61K35/12	Method for preparing an organ for transplantation
US2009305404 A1 20091210	US20090455954 20090609; US20080131561P 20080609; US20080196984P 20081022	STEMLIFELINE INC [US]	C12N5/08	Methods and compositions relating to blastomere-derived human embryonic stem cells
EP2081590 A2 20090729	WO2007US19480 20070907; US20060843431P 20060907	STEMLINE THERAPEUTICS INC [US]	A61K39/00; A61K39/395; G01N33/53; G01N33/574	Cancer stem cell-targeted cancer therapy
EP2079484 A2 20090722	WO2007US19658 20070907; US20060843359P 20060907	STEMLINE THERAPEUTICS INC [US]	A61K39/395; A61K31/70; C07H21/04; C07K16/28; C12Q1/00; C12Q1/68; G01N33/574	Monitoring cancer stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090126227 A 20091208	KR20090109366 20091112	STEMMEDIENCE CO LTD [KR]	C12N5/08; A61K35/12; A61P9/10; C12N5/02	A method for preparing blood vessel stem cells from women labia minora skin cells by reprogramming method, and use of reprogrammed blood vessel endothelial cells as a cell therapy product
KR20090100901 A 20090924	KR20080026420 20080321	STEMMEDIENCE CO LTD [KR]	C12N5/08; C12N5/00; C12N5/02	A method for preparing blood vessel stem cells from women labia minora skin cells by reprogramming method, and use of reprogrammed blood vessel endothelial cells as a cell therapy product
KR20090100900 A 20090924	KR20080026419 20080321	STEMMEDIENCE CO LTD [KR]	C12N5/08; C12N5/00; C12N5/02	A method for preparing multipotent neural stem cells from women labia minora skin cells by reprogramming method, and use of reprogrammed neural stem cells as a cell therapy product
US2009253151 A1 20091008	IN2006CH01588 20060901; WO2007IN00384 20070831	STEMPEUTICS RES PRIVATE LTD [IN]	G01N33/53; C12N5/00; C12N5/08; C12Q1/02	Self-renewing master adult pluripotent stem cells
NZ568250 A 20090731	US20010258881P 20010102; NZ20020526888 20020102	STEMRON INC [US]	C12N15/09; A61K35/12; A61K35/48; A61K48/00; A61L27/00; C12N5/0735; C12N5/0775; C12N5/0789; C12N5/10	A method for producing a population of homozygous stem cells having a pre-selected immunotype and/or genotype, cells suitable for transplant derived therefrom, and materials and methods using same
US2009324555 A1 20091231	EP20050102356 20050323; WO2006EP02694 20060323	STIFTUNG CAESAR [DE]	A61K35/12; A61P25/00; C12N5/00	Neural stem cells
CN101517070 A 20090826	US20060809390P 20060531	STYX LLC [US]	C12N5/06; A61K35/14; C12N5/00	Methods of selecting stem cells and uses thereof
US2009209643 A1 20090820	US20090388048 20090218; US20080029713P 20080219	SUCAMPO AG [CH]	A61K31/19; A61P43/00	Method for modulating stem cell growth
KR20090115394 A 20091105	KR20080041236 20080502	SUPERCritical LAB CO LTD [KR]	C12N5/04; C12N5/00; C12N5/02	Methods for preparing plant stem cells assured by high efficiency differentiation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009298155 A1 20091203	US20070299716 20070508; GB20060008945 20060505; US20060798029P 20060505; WO2007GB01688 20070508	SURANI AZIM [GB]; LANGE ULRIKE [GB]; HAJKOVA PETRA [GB]; ANCELIN KATIA [FR]	C12N9/10; C12N5/02; C12N5/08; C12N15/63	Epigenetic Regulatory Complex for Control of Gene Expression
WO2009146495 A1 20091210	AU20080902798 20080603	SYDNEY WEST AREA HEALTH SERVIC [AU]; UNIV SYDNEY [AU]; GOTTLIEB DAVID JONATHON [AU]; BRADSTOCK KENNETH FRANCIS [AU]; SARTOR MARY MIRELLA [AU]; ANTONENAS VICKI [AU]	G01N33/52; G01N33/53	Method for predicting engraftment potential
WO2009156151 A1 20091230	EP20080011587 20080626; US20080133192P 20080626	T2CURE GMBH [DE]; DIMMELER STEFANIE [DE]; ZEIHNER ANDREAS [DE]; KOYANAGI MASAMICHI [DE]	C12N5/08; A61K35/14; A61P9/10	Mesoangioblast-like cell as well as methods and uses relating thereto
US2009264312 A1 20091022	JP20050006859 20050113; WO2006JP300311 20060112	TADA TAKASHI [JP]; NAKATSUJI NORIO [JP]; MATSUMURA HIROYUKI [JP]; TADA MASAKO [JP]	C40B40/02; C12N5/10; C12N15/00; C12N15/74	Method for removing desired chromosome and tailor- made medical treatment utilizing the same
JP2009226221 A 20091008	US20020073521 20020211	TAIPEI BIOTECHNOLOGY LTD INC [TW]	A61L27/00; A61F2/28; A61L27/24; A61L27/38; C12N5/06; C12N5/08	Cartilage implant and its fabrication method
US2009311782 A1 20091217	TW20080121807 20080611	TAIPEI VETERANS GENERAL HOSPITAL [TW]	C12N5/08	Method for promoting differentiation of stem cell into insulin producing cell
CA2658231 A1 20090904	US20080042097 20080304	TAIWAN ADVANCED BIO PHARM INC [TW]	C07K19/00; A61K38/16; C07K1/02; C07K1/14; C07K1/22	Method of producing recombinant tat-hoxb4h protein for use as a stimulant of hematopoiesis in vivo

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
AU2009202968 A1 20090813	AU20030303071 20031207; AU20090202968 20090723; WO2003IL01030 20031207; US20020433619P 20021216	TECHNION RES & DEV FOUNDATION [IL]	C12N5/06; C12N5/02	Methods of Preparing Feeder Cells-Free, Xeno-Free Human Embryonic Stem Cells and Stem Cell Cultures Prepared Using Same
IL129966 A 20091224	IL19990129966 19990514	TECHNION RES & DEV FOUNDATION [IL]; BENVENISTY NISSIM; ITSKOVITZ-ELDOR JOSEPH [IL]; YISSUM RES DEV CO [IL]	G01N33/48; A61K35/48; A61P43/00; C12N5/06; C12N15/09	ISOLATED HUMAN EMBRYOID BODIES (heb) DERIVED FROM HUMAN EMBRYONIC STEM CELLS
US2009239298 A1 20090924	US20050661128 20050810; US20040604002P 20040825; WO2005IL00865 20050810	TECHNION RES & DEV FOUNDATION [IL]; UNIV BEN GURION [IL]	C12N5/02; C12N5/08	Methods of generating embryoid bodies using three dimensional scaffolds
KR20090086260 A 20090811	US20060868969P 20061207; US20070972309P 20070914	TEVA PHARMA [IL]	C12N5/06; A61K35/32; A61K35/50; C12N5/02	Method of generation and expansion of tissue-progenitor cells and mature tissue cells from intact bone marrow or intact umbilical cord tissue
WO2009154770 A2 20091223	US20080073739P 20080618	TEXAS A & M UNIV SYS [US]; PROCKOP DARWIN J [US]; LEE RYANG HWA [US]	C12N5/08	Mesenchymal stem cells, compositions, and methods for treatment of cardiac tissue damage
US2009275128 A1 20091105	US20080209325 20080912; US20050221457 20050908; US20040608040P 20040908	THOMSON JAMES A [US]; LUDWIG TENNEILLE [US]	C12N5/08; C12N5/02	Medium and culture of embryonic stem cells
CN101612157 A 20091230	CN20081126351 20080626	TIANJIN CHASESUN PHARMACEUTICA [CN]	A61K31/551	Application of fasudil on leading adult brain endogenous neural stem cells to be regenerated

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009292767 A 20091217	JP20080147741 20080605	TOSHITSU KAGAKU KENKYUSHO KK	A61K31/728; A61K31/7016; A61K31/702; A61P25/28	Nerve cell differentiation inducer
US2009263878 A1 20091022	US20090321161 20090116; IN2004MU00240 20040226; US20050063335 20050222; US20040621476P 20041022	TOTEY SATISH MAHADEORAO [IN]; KASHYAP SUBHADRA DEVI [IN]; ALAM KHAN FIRDOS [IN]; RAJARSHI PAI [IN]; APARNA KHANNA [IN]; SHABRI TIPNIS [IN]; RAVINDRAN GEETA [IN]	C12N13/00; C12N5/06; C12N5/08	Pluripotent embryonic-like stem cells derived from corneal limbus, methods of isolation and uses thereof
WO2009132373 A1 20091105	AT20080000684 20080430	TRAUMA CARE CONSULT TCC TRAUMA [AT]; BIO PROD & BIO ENG AG [AT]; EIBL JOHANN [AT]; REDL HEINZ [AT]	C12N5/06	Sessile stem cells
KR20090091800 A 20090828	US20070883406P 20070104	TRYGGVASON KARL [SE]; DOMOGATSKAYA ANNA [RU]; RODIN SERGEY [RU]	C12N5/02; C12N5/06; C12N5/08	Composition and method for enabling proliferation of pluripotent stem cells
KR20090129963 A 20091217	KR20080056008 20080613	UNHWA BIOTECH CORP [KR]	A61K36/258; A61K8/97; A61P17/18; A61Q19/08	Anti-aging or anti-oxidative composition comprising plant stem cell line derived from cambium of panax ginseng including wild ginseng or ginseng
KR20090118877 A 20091118	KR20080044227 20080514	UNHWA BIOTECH CORP [KR]	A61K36/13; A61K8/97; A61P17/18; A61Q19/08	Anti-oxidative, anti-inflammatory or anti-aging composition comprising plant stem cell line derived from cambium or procambium of taxus
CN101492654 A 20090729	CN20081102035 20080317	UNION STEM CELL & GENE ENGINEER [CN]	C12N5/08	Method for using umbilical stalk placenta to prepare mesenchyma stem cell
CN101470889 A 20090701	CN20071060246 20071226	UNION STEM CELL & GENE ENGINEER [CN]	G06Q50/00	Cord blood stem cell management system

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009127249 A1 20091022	WO2008EP54575 20080416	UNITED TECHNOLOGIES UT AG [CH]; PETROPAVLOV IGOR ARTUROVIC [CH]; POMYTKIN IGOR ANATOLIEVICH [RU]; VITKALOVA TAMARA ALEXSANDROVNA [RU]	G01N33/50; A61K38/00; A61K38/18; A61K38/20; A61Q19/00; C07K14/00	Method for identifying compounds suitable for stimulation of stem cell production in skin
CN101550406 A 20091007	CN20081091841 20080403	UNIV BEIJING [CN]	C12N5/06; C12N5/08; C12N15/11; C12N15/861; C12N15/867	Method for preparing multipotential stem cells, reagent kit and application
CN101475483 A 20090708	CN20091001089 20090121	UNIV BEIJING NORMAL [CN]	C07C69/732	Medical use of beta-(3,4-dihydroxy phenyl)-alpha-hydroxy propionic ester compounds
CN101519385 A 20090902	CN20081101228 20080229	UNIV BEIJING NORMAL [CN]	A61K31/4245; A61P9/00; A61P25/00; A61P35/00; A61P43/00; C07D271/07	Small molecule compound being capable of promoting proliferation of stem cells and function thereof
EP2088191 A1 20090812	EP20080002362 20080208	UNIV BONN [DE]	C12N5/06; C12N15/87	Induced blastocyst-like structures, methods of production and uses of the same
WO2009090424 A1 20090723	GB20080000524 20080114	UNIV BRIGHTON [GB]; MACFARLANE WENDY MARGARET [GB]; HARRISON MOIRA [GB]; MARRIOTT CLAIRE ELIZABETH [GB]	C12N5/06; C12N5/08	Cell culture system for pancreatic islands
WO2009146746 A1 20091210	WO2008EP56994 20080605	UNIV BRUXELLES [BE]; DAUBIE VALERY [BE]; POCHET ROLAND [BE]	C12N5/06	Use of fxa, fviiia, tf, or a combination thereof as anti-apoptotic agents
US2009311181 A1 20091217	US20070293860 20070320; US20060784192P 20060320; WO2007US07020 20070320	UNIV CALIFORNIA [US]	A61K49/00; A61K39/395; A61K49/04; C07K16/30; G01N33/574	Engineered Anti-Prostate Stem Cell Antigen (PSCA) Antibodies for Cancer Targeting

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009304654 A1 20091210	US20090433000 20090430; US20080049339P 20080430	UNIV CALIFORNIA [US]	A61K45/00; A61P3/10; A61P9/10; C12N5/10; C12N9/08	Methods for isolating adipose-derived stem cells and therapeutic use thereof
WO2009142770 A2 20091126	US20080055834P 20080523	UNIV CALIFORNIA [US]; APPLE ALIZA HANNA [US]; LOTZ JEFFREY CHARLES [US]; SCHNEIDER RICHARD ALAN [US]	C12N5/08	Compositions and methods for generating musculoskeletal tissue
WO2009152482 A2 20091217	US20080061093P 20080612	UNIV CALIFORNIA [US]; LI RONALD [US]; FU JI-DONG [US]	C12N5/08	Directed differentiation and maturation of stem
WO2009114716 A2 20090917	US20080036868P 20080314; US20080108602P 20081027; US20080036457P 20080313	UNIV CALIFORNIA [US]; VILLARREAL FRANCISCO [US]; YAMAZAKI KATRINA GO [US]; TAUB PAM RAJENDRAN [US]; MAISEL ALAN [US]	A61K31/353	Use of epicatechin and derivatives and salts thereof for cardiac protection of ischemic myocardium and to ameliorate adverse cardiac remodeling
WO2009137598 A2 20091112	US20080061928P 20080616; US20080052001P 20080509; US20080050926P 20080506	UNIV CHICAGO [US]; SIPKINS DOROTHY A [US]; COLMONE ANGELA [US]	A61K38/19	Methods and composition for modulating hematopoietic stem cell migration
KR20090112109 A 20091028	KR20080037808 20080423	UNIV CHUNG ANG IND [KR]	C12N5/08; C12N5/00; C12N5/02	Method for separating male germ-line stem cells from testes in mammal
US2009175836 A1 20090709	US20070302563 20070525; US20060808722P 20060526; WO2007US69790 20070525	UNIV COLORADO [US]	A61K35/12; A01N1/02; A61K31/7088; A61K38/02; A61K38/08; A61P35/00; C12N5/06; C12Q1/02	Prelamin a pre peptide as a universal stem cell differentiation signal

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009203002 A1 20090813	US20070224766 20070306; US20060778911P 20060306; WO2007US63366 20070306	UNIV COLUMBIA [US]	C12Q1/68; C12P19/34; C40B40/08	Mesenchymal stem cells as a vehicle for ion channel transfer in syncytial structures
WO2009124213 A2 20091008	US20080041686P 20080402	UNIV COLUMBIA [US]; MAO JEREMY J [US]; YANG RUJING [CN]; LEE CHANG HUN [US]; KENNEDY SARAH [US]	C12N5/08	Dental stem cell differentiation
ES2329681T T3 20091130	US20030342506 20030115	UNIV COLUMBIA [US]; UNIV NEW YORK STATE RES FOUND [US]	C12P21/06; C07K14/705; C12N5/06; C12N5/08	Celulas madre mesenquimales como vehiculos para la transferencia de canales canajes ionicos en estructuras sincitiales.
WO2009134532 A2 20091105	US20080068568P 20080307	UNIV COLUMBIA [US]; UNIV NEW YORK STATE RES FOUND [US]; DORONIN SERGEY V [US]; POTAPOVA IRINA A [US]; COHEN IRA S [US]; ROSEN MICHAEL R [US]; ROBINSON RICHARD B [US]; BRINK PETER R [US]	C12N5/08	Homing in mesenchymal stem cells
CN101525596 A 20090909	CN20091301568 20090415	UNIV DALIAN TECH [CN]	C12N5/08	Method for obtaining stem cell by using serum of same cord blood
CN101508975 A 20090819	CN20091301161 20090326	UNIV DALIAN TECH [CN]	C12N5/08	Method for supporting, regulating and controlling amplification of hematopoietic stem/progenitor cell in vitro with microencapsulation osteoblast in hypoxia condition

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009239304 A1 20090924	US20090398534 20090305; US20030363376 20030707; WO2001US26640 20010827; US20010309209P 20010801; US20000229222P 20000831	UNIV DELAWARE [US]	C12N5/06; A61L27/34; A61L27/38; C07H21/04; C07K14/47	Bioactive peptide for cell adhesion
KR20090085806 A 20090810	KR20080011645 20080205	UNIV DONGGUK IND ACAD COOP [KR]	C12N5/08; C12N5/00; C12N5/02; C12N5/06	Chondrogenesis of bone marrow mesenchymal stem cells
US2009220462 A1 20090903	US20060066975 20060914; US20050716501P 20050914; WO2006US35862 20060914	UNIV DUKE [US]	A61K35/48; A61K35/44; C12N5/08; C12Q1/02	Stem cells
US2009324583 A1 20091231	KR20080062968 20080630; KR20080062969 20080630	UNIV EWHA IND COLLABORATION [KR]	A61K39/395; A61K31/661; A61K31/7088; A61K45/00; A61P7/04; C12N5/06; C12Q1/68; G01N33/53	Methods for inducing the differentiation of hematopoietic stem cells into megakaryocytes and platelets, and gene controlling the differentiation
US2009239217 A1 20090924	US20080054139 20080324; US20070910934 20071008	UNIV FLORIDA [US]	C12Q1/68; C12N5/06; C12Q1/02; G01N33/574	Stem-like cells in bone sarcomas
EP2076587 A2 20090708	WO2007US19806 20070911; US20060843660P 20060911	UNIV FLORIDA [US]	C12N5/00; A01N65/00; A61K48/00; C12N5/08; C12N15/63	Isolation, expansion and uses of tumor stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009202431 A1 20090813	US20060910934 20060407; US20050669747P 20050408; WO2006US13092 20060407	UNIV FLORIDA [US]	A61K51/00; A61K38/20; A61K38/21; A61K39/00; A61K39/395; C12N5/06; C12Q1/02; C12Q1/68; G01N33/574	Stem-like cells in bone sarcomas
WO2009117553 A2 20090924	US20080038164P 20080320	UNIV FLORIDA [US]; BARTELMEZ STEPHEN H [US]; GRANT MARIA [US]	A61K48/00	Enhancing vessel lesion homing and repair potential of stem cells
JP2009296895 A 20091224	JP20080151722 20080610	UNIV FUKUI [JP]	C12N5/06	Low oxygen incubator and cancer stem cell concentration method using sugarless culture medium
CN101541953 A 20090923	US20060810424P 20060602	UNIV GEORGIA [US]	C12N5/08	Pancreatic and liver endoderm cells and tissue by differentiation of definitive endoderm cells obtained from human embryonic stems
US2009298169 A1 20091203	US20070227913 20070604; US20060810424P 20060602; US20070918100P 20070315; WO2007US13137 20070604	UNIV GEORGIA RES FOUNDATION [US]	C12N5/08	Pancreatic and Liver Endoderm Cells and Tissue by Differentiation of Definitive Endoderm Cells Obtained from Human Embryonic Stems
US2009263360 A1 20091022	US20090384272 20090402; US20050243819 20051005; US20040618670P 20041014; US20040616183P 20041005; US20040616130P 20041005	UNIV GEORGIA RES FOUNDATION [US]	A61K35/30; A61P25/00; C12N5/08; C12Q1/02	Neuronal progenitors from feeder-free human embryonic stem cell culture
CN101531994 A 20090916	CN20091113970 20090410	UNIV GUANGXI [CN]	C12N5/06	Preparation method of buffalo embryonic stem cell

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009291095 A 20091217	JP20080146318 20080603	UNIV GUNMA [JP]; OLYMPUS CORP [JP]	C12Q1/02; C12M1/42; G01N27/447	Method and device for analyzing differentiation activity
WO2009156411 A1 20091230	EP20080290599 20080624	UNIV HENRI POINCARÉ NANCY 1 [FR]; MENU PATRICK [FR]; BERTHELEMY NICOLAS [FR]; KERDJOU DJ HALIMA-ASSIA [FR]; STOLTZ JEAN-FRANCOIS [FR]	C12N5/06	Cellular differentiation process and its use for blood vessel build-up
US2009304647 A1 20091210	US20090476029 20090601; US20080057695P 20080530; US20080061374P 20080613	UNIV ILLINOIS [US]	A61K45/00; A61P25/28; C12N5/02; C12N5/06; C12N5/08	Production of Neural Stem Cells from Bone Marrow Tissue and Use Thereof
US2009175832 A1 20090709	US20080099054 20080407; WO2006US38524 20061003; WO2007US22260 20071018; US20050724328P 20051005; US20060852901P 20061018; US20070926846P 20070430; US20070927011P 20070501	UNIV ILLINOIS [US]	A61K45/00; A61P3/10; C12N5/08	Isolated embryonic-like stem cells derived from human umbilical cord blood
CN101580818 A 20091118	CN20091037689 20090309	UNIV JINAN [CN]	C12N5/08; C12P21/02	Method for inducing the differentiation of mesenchymal stem cells of human embryo livers into islet beta-like cells and stably expressing insulin and special induced liquid thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2009148572 A 20090709	US20010287088P 20010427	UNIV JOHNS HOPKINS [US]	A61L27/00; C12N15/09; A61K31/7088; A61K35/34; A61K35/76; A61K38/00; A61K48/00; A61P9/06; C07K14/705; C12Q1/02; C12Q1/68	Biological pacemaker
KR20090085093 A 20090806	US20060858006P 20061109	UNIV JOHNS HOPKINS [US]	C12N5/08; A61K35/34; C12N5/02	Dedifferentiation of adult mammalian cardiomyocytes into cardiac stem cells
WO2009094456 A2 20090730	US20080022774P 20080122; US20080088570P 20080813	UNIV JOHNS HOPKINS [US]; ACCENTIA BIOPHARMACEUTICALS IN [US]; FUCHS EPHRAIM [US]; LUZNIK LEO [US]; BRODSKY ROBERT [US]; JONES RICHARD J [US]; SANTOS CARLOS [US]; BONITZ SUSAN [US]; O'DONNELL FRANCIS E [US]	A61K31/675; A61P7/06	Use of high-dose, post-transplantation oxazaphosphorine drugs for reduction of transplant rejection
WO2009091904 A2 20090723	US20080011196P 20080115	UNIV JOHNS HOPKINS [US]; CIVIN CURT I [US]	A61K48/00	Microrna based methods and compositions for the treatment of cancer
US2009170200 A1 20090702	TW20070151437 20071231	UNIV KAOHSIUNG MEDICAL [TW]	C12N5/06	Stem cell medium
US2009170177 A1 20090702	TW20070151439 20071231	UNIV KAOHSIUNG MEDICAL [TW]	C12N13/00	Stem cell transfection method
CN101583377 A 20091118	GB20060019500 20061003	UNIV KEELE [GB]	A61K45/00; A61K31/22; A61K31/366; A61K35/38; A61K35/54; A61P11/00; A61P17/00; A61P27/02; A61P43/00	Treatment of fibrosis
WO2009125877 A1 20091015	JP20080103867 20080411	UNIV KEIO [JP]; MARUYAMA TETSUO [JP]; ONO MASANORI [JP]	C12N5/06; A61L27/00	Method for isolation of smooth muscle stem cell
WO2009110113 A1 20090911	JP20080058447 20080307	UNIV KEIO [JP]; UNIV KYOTO [JP]; OKANO HIDEYUKI [JP]; NAKAMURA MASAYA [JP]; TSUJI OSAHIKO [JP]; YAMANAKA SHINYA [JP]; MIURA KYOKO [JP]	A61L27/00; C12N5/10; C12N15/09	Therapeutic agent for nerve injury and method for treating nerve injury

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090132236 A 20091230	KR20080058406 20080620	UNIV KONKUK IND COOP CORP [KR]	C12N5/10; C12N5/00; C12N5/06	Method of manufacturing ips (induced pluripotent stem) cells using nonviral gene delivery system and use thereof
KR20090082552 A 20090731	KR20080008364 20080128	UNIV KOREA RES & BUS FOUND [KR]	C12N5/08; C12N5/00; C12N5/02	The potential of embryonal carcinoma cells as a new model system for endothelial cell differentiation
KR20090080225 A 20090724	KR20080006082 20080121	UNIV KOREA RES & BUS FOUND [KR]	C12N5/08; C12N5/00; C12N5/02	The development of human placenta mesenchymal stem cells to promote the proliferation of cd34+ hematopoietic stem cells and cd14+ monocyte from mononuclear cells from human bone marrow and cord blood
CA2695522 A1 20091105	US20080071508P 20080502; US20080136246P 20080821; US20080136615P 20080919; US20080193363P 20081121; WO2009JP58873 20090501	UNIV KYOTO [JP]	C12N15/09; C12N5/10	Method of nuclear reprogramming
CN101617043 A 20091230	US20070001108P 20071031	UNIV KYOTO [JP]	C12N15/09	Nuclear reprogramming method
US2009246875 A1 20091001	US20090379564 20090225; JP20080312745 20081208; JP20080335129 20081226; US20080292717 20081125; WO2008JP59586 20080523; US20070996893P 20071210	UNIV KYOTO [JP]	C12N15/64	Efficient method for nuclear reprogramming

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009227032 A1 20090910	US20080289873 20081106; JP20050359537 20051213; US20080213035 20080613; WO2006JP324881 20061206; US20070001108P 20071031; US20070996289P 20071109	UNIV KYOTO [JP]	C12N15/86; C12N5/00; C12N5/06; C12N5/08; C12N5/10	Nuclear reprogramming factor and induced pluripotent stem cells
WO2009154265 A1 20091223	JP20080160924 20080619	UNIV KYOTO [JP]; KUBO HAJIME [JP]; SAKAI YOSHIHARU [JP]; HISAMORI SHIGEO [JP]	C12N5/06; C12Q1/02; G01N33/50	Methods for production of cancer stem cell and cancer cell line
WO2009102021 A1 20090820	JP20080033267 20080214	UNIV KYOTO [JP]; OTANI ATSUSHI [JP]; YOSHIMURA NAGAHISA [JP]; SASAHARA MANABU [JP]	A61K38/22; A61P27/02; A61P43/00	Treatment of retinal disease by activation of the function of bone marrow-derived stem cell or progenitor cell thereof
WO2009096049 A1 20090806	US20080006834P 20080201; US20080006849P 20080204	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; AOI TAKASHI [JP]	C12N5/06	Differentiated cells originating in artificial pluripotent stem cells
WO2009157593 A1 20091230	US20080076487P 20080627; US20080095573P 20080909; US20080194700P 20080930; US20080200307P 20081125; US20090209686P 20090310	UNIV KYOTO [JP]; YAMANAKA SHINYA [JP]; TAKAHASHI KAZUTOSHI [JP]; OKITA KEISUKE [JP]	C12N5/06	Method of efficiently establishing induced pluripotent stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009118928 A1 20091001	US20080064777P 20080326	UNIV KYOTO [JP]; YAMASHITA JUN [JP]; YAN PEISHI [JP]	C12N5/10; C12Q1/02	Efficient production and use of highly cardiogenic progenitors and cardiomyocytes from embryonic and induced pluripotent stem cells
WO2009120043 A2 20091001	KR20080029244 20080328	UNIV KYUNG HEE UNIV IND COOP [KR]; SON YOUNG SOOK [KR]; HONG HYUN SOOK [KR]; AHN WOO SUNG [KR]	C12N9/12; C07K14/715	Use for cd45+ cells or a cd45+ cell culture fluid for promoting the growth of mesenchymal stem cells
US2009220473 A1 20090903	EP20060110499 20060228; WO2007NL50074 20070222	UNIV LEIDEN MEDICAL CT [NL]	A61K35/12; A61K31/7088; A61K38/12; C07H21/04; C07K14/435; C12N5/10; C12P21/08	Adir related polymorphisms and applications thereof
EP2097535 A2 20090909	WO2007US25113 20071207; US20060873653P 20061207	UNIV LELAND STANFORD JUNIOR [US]	C12Q1/00; C12N5/08; G01N33/53	Identification and isolation of acute myeloid leukemia stem cells
EP2088864 A2 20090819	WO2007US83529 20071102; US20060856435P 20061103	UNIV LELAND STANFORD JUNIOR [US]	A01N63/00	Selective immunodepletion of endogenous stem cell niche for engraftment
WO2009097136 A1 20090806	US20080025574P 20080201	UNIV LELAND STANFORD JUNIOR [US]; CLARKE MICHAEL [US]; SHIMONO YOHEI [US]	C12Q1/68	Methods and compositions relating to carcinoma stem cells
WO2009155369 A1 20091223	US20080132163P 20080617; US20080093086P 20080829	UNIV LELAND STANFORD JUNIOR [US]; DEISSEROTH KARL [US]; STROH ALBRECHT [US]; SCHNEIDER M BRET [US]; AIRAN RAAG D [US]	C12N5/06; A61N5/06; C12N15/00	Apparatus and methods for controlling cellular development
WO2009097135 A1 20090806	US20080063384P 20080201	UNIV LELAND STANFORD JUNIOR [US]; DIEHN MAXIMILLIAN [US]; CLARKE MICHAEL [US]; WEISSMAN IRVING L [US]	C12N5/06; G01N33/574	Methods and compositions for treating carcinoma stem cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009091601 A1 20090723	US20080011324P 20080115; US20080189786P 20080822	UNIV LELAND STANFORD JUNIOR [US]; JAISWAL SIDDHARTHA [US]; WEISSMAN IRVING L [US]; JAMIESON CATRIONA HELEN M [US]; MAJETI RAVINDRA [US]	A61K39/395; C07K16/46	Methods for manipulating phagocytosis mediated by cd47
WO2009091547 A1 20090723	US20080011324P 20080115	UNIV LELAND STANFORD JUNIOR [US]; MAJETI RAVINDRA [US]; WEISSMAN IRVING L [US]	G01N33/574; C12Q1/68	Markers of acute myeloid leukemia stem cells
WO2009102493 A2 20090820	US20080065589P 20080212	UNIV LELAND STANFORD JUNIOR [US]; WONG ALBERT J [US]	A61K39/395	Use of egfrviii to identify and target cancer stem cells
WO2009132401 A2 20091105	GB20080006812 20080415	UNIV LEUVEN KATH [BE]; LOOS TAMARA [BE]; PROOST PAUL [BE]; VAN DAMME JOZEF [BE]	C07K14/52	Citrullinated cytokines
CN101605884 A 20091216	US20060794508P 20060425	UNIV LOUISIANA STATE [US]	C12N5/00	Adipose derived adult stem cells in hepatic regeneration
WO2009088837 A2 20090716	US20070018157P 20071231	UNIV LOUISVILLE RES FOUND [US]; BATES PAULA J [US]; CHOI ENID [US]	G01N33/574; A61K39/395; A61P35/02; C12N5/06; C12Q1/68	Methods and products to target, capture and characterize stem cells
NZ552180 A 20091127	ES20040001227 20040521; WO2005ES00287 20050520	UNIV MALAGA [ES]	A61K38/18; C12N5/077; A61K38/39; A61K48/00; A61L27/38; A61P19/00	Cartilage and bone repair composition comprising human mesenchymal stem cells
MX2008007173 A 20091207	MX20080007173 20080605	UNIV MEXICO NACIONAL AUTONOMA [MX]		Collagen sponges obtained from mammal bones, process for the obtention and uses thereof.
US2009274687 A1 20091105	US20090434833 20090504; US20080049977P 20080502	UNIV MIAMI [US]	A61K31/7088; A61K38/02; C12Q1/02 A61K39/395; A61P11/00; C12N5/00;	Attenuation of hypoxia induced cardiovascular disorders
WO2009140452 A2 20091119	US20080053462P 20080515	UNIV MIAMI [US]; MCNIECE IAN K [US]	C12N5/08	Isolation of stem cell precursors and expansion in non-adherent conditions

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009227019 A1 20090910	US20090389143 20090219; US20040950784 20040927; US20030506111P 20030926	UNIV MICHIGAN [US]	C12N5/08; C12N5/00; C12N5/06; G01N33/567	Hematopoietic stem cell identification and isolation
WO2009111644 A2 20090911	US20080033889P 20080305	UNIV MICHIGAN [US]; SIMEONE DIANE M [US]; LI CHENWEI [CA]	G01N33/574	Compositions and methods for diagnosing and treating pancreatic cancer
US2009203130 A1 20090813	US19990164650P 19991110; US19990147324P 19990805; WO2000US21387 20000804; US20020048757 20020821; US20050238234 20050929; US20090416715 20090401	UNIV MINNESOTA [US]; ABT HOLDING COMPANY [US]	C12N5/00; C12N5/06	Multipotent adult stem cells and methods for isolation
WO2009092092 A1 20090723	US20080022121P 20080118	UNIV MINNESOTA [US]; HU WEI- SHOU [US]; SUBRAMANIAN KARTIK [US]; VERFAILLIE CATHERINE M [BE]	C12N5/08	Stem cell aggregates and methods for making and using
EP2120544 A1 20091125	WO2008US56204 20080307; US20070906169P 20070309	UNIV MISSOURI [US]	A01K67/00; A01K67/033; C12N15/00	Methods for conditional and inducible transgene expression to direct the development of stem cells
CN101472622 A 20090701	JP20060115932 20060419	UNIV NAGOYA NAT UNIV CORP [JP]	A61L27/00	Composition for regeneration of periodontal soft tissue and method for producing the same
WO2009128533 A1 20091022	JP20080109002 20080418	UNIV NAGOYA NAT UNIV CORP [JP]; TORIHASHI SHIGEKO [JP]; NINAGAWA NANA [JP]	C12N5/06; C12N5/10	Mesenchymal stem cell and method for production thereof

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20090078555 A 20090720	KR20080004447 20080115	UNIV NAT CHONNAM IND FOUND [KR]	C12N5/08; C12N5/00; C12N5/02; C12N5/06	Method for enhancing osteogenic phenotype
EP2089510 A2 20090819	WO2007US72356 20070628; US20060816987P 20060628; US20070930782P 20070518	UNIV NEW JERSEY MED [US]	C12N5/00; C12N5/02	Amnion-derived stem cells and uses thereof
WO2009108953 A1 20090903	US20080032942P 20080229	UNIV NEW YORK STATE RES FOUND [US]; RUBIN CLINTON [US]; JUDEX STEFAN [US]; LUU YEN KIM [US]	C12M1/42; C12M3/00; C12N5/06; C12N5/10	Methods of applying physical stimuli to cells
JP2009278960 A 20091203	JP20080137224 20080526	UNIV OF SCIENCE TOKYO [JP]	C12N5/06; C12M1/34; C12M1/40; C12Q1/02	Method for producing spheroid and spheroid array
JP2009225661 A 20091008	JP20060326261 20061201	UNIV OKAYAMA [JP]	C12N5/06; A01K67/027; A61F2/02; A61K35/12; A61M1/36; A61P3/10; C12N5/10	Method for inducing differentiation of embryonic stem cell into insulin-secreting cell, insulin-secreting cell induced by the method and use of the same
WO2009140260 A2 20091119	US20080052846P 20080513	UNIV PITTSBURGH [US]; PROCHOWNIK EDWARD A [US]	A61K31/56	Cancer stem cell immortalization
US2009170930 A1 20090702	CN20061030917 20060907; WO2007CN02638 20070903	UNIV PLA 2ND MILITARY MEDICAL [CN]	A61K31/35	Methods for directing differentiation of clonogenic neural stem cells with coumarins
CN101575643 A 20091111	CN20091052260 20090531	UNIV PLA 2ND MILITARY MEDICAL [CN]	C12Q1/68	Method for detecting the chimerism rate of recipients after allogeneic hematopoietic stem cell transplantation
EP2132304 A1 20091216	WO2008AU00511 20080410; AU20070901902 20070411	UNIV QUEENSLAND [AU]	C12N5/06; C12N5/08	Latent neural stem cell population

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2137300 A1 20091230	WO2008IL00518 20080416; US20070914246P 20070426; US20070915538P 20070502	UNIV RAMOT [IL]	C12N5/08; A61K35/37	Pluripotent autologous stem cells from oral mucosa and methods of use
US2009257987 A1 20091015	US20090385460 20090408; US20080071054P 20080410	UNIV RAMOT [IL]	A61K45/00; A61P25/28; C12N5/08	Method of generating dopamine-secreting cells
US2009280123 A1 20091112	US20060919196 20060425; US20050674293P 20050425; WO2006IL00506 20060425	UNIV RAMOT [IL]	A61K39/395; A61K31/7105; A61K38/17; C12N5/06; C12N15/11; C12N15/85; C12Q1/02; C12Q1/68; G01N33/53	Kinesin polypeptides, polynucleotides encoding same and compositions and methods of using same
WO2009144718 A1 20091203	US20080071970P 20080528	UNIV RAMOT [IL]; BRAINSTORM CELL THERAPEUTICS I [IL]; KADOURI AVINOAM [IL]; BAR-ILAN AVIHAY [IL]; MELAMED ELDAD [IL]; OFFEN DANIEL [IL]; SADAN OFER [IL]; BAHAT-STROMZA MERAV [IL]	C12N5/08; A61K35/28; A61P25/28	Mesenchymal stem cells for the treatment of cns diseases
EP2094839 A1 20090902	WO2007US86279 20071203; US20060869200P 20061208	UNIV ROCHESTER [US]	C12N5/06; A61K35/28	Expansion of hematopoietic stem cells
WO2009086284 A1 20090709	US20070016381P 20071221	UNIV ROCHESTER [US]; GOLDMAN STEVEN A [US]; SIM FRASER [US]; AUVERGNE ROMANE MELANIE [US]	A61K39/395	Cd24 as a brain tumor stem cell marker and a diagnostic and therapeutic target in primary neaural and glial tumors of the brain
MX2009004640 A 20090709	US20060856071P 20061101; WO2007US83210 20071031	UNIV RUTGERS [US]		Lithium stimulation of cord blood stem cell proliferation and growth factor production.

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2009137109 A1 20091112	US20080051668P 20080508	UNIV RUTGERS [US]; SARKAR DIPAK KUMAR [US]	C12N5/02	Endorphin therapy compositions and methods
BRPI0705561 A2 20090721	BR2007PI05561 20071123	UNIV SAO PAULO [BR]; FUNDAÇÃO DE AMPARO A PESQUISAS SAO PAULO [BR]	C12N5/02; A61K35/34; A61P19/00; C12N5/0775; C12Q1/02; C12Q1/37	Processo de obtenção de células-tronco a partir de células do músculo orbicular do lábio, composições e usos
KR20090123764 A 20091202	KR20080048967 20080527; KR20080097589 20081006	UNIV SEJONG IND ACAD COOP GR [KR]	C07K16/18; C07K16/00; C12N5/08; C12N5/12	Monoclonal antibody 247-b9 specific to undifferentiated human embryonic stem cell
CN101574074 A 20091111	CN20091053359 20090618	UNIV SHANGHAI [CN]	A01K67/027; A61K49/00; C12N15/85	Model for dcf-1 gene knockout mouse, construction method and applications thereof
CN101560469 A 20091021	CN20081036022 20080414	UNIV SHANGHAI JIAOTONG [CN]	C12M1/26; C12M3/00	Rotary dual-chamber stem cell synchronous augmentation and division inoculator
WO2009093022 A2 20090730	GB20080001215 20080123	UNIV SHEFFIELD [GB]; NA JIE [GB]; ANDREWS PETER [GB]	C12N5/00	Cell re-programming
EP2134182 A2 20091223	WO2006US60692 20061108; US20050735027P 20051108	UNIV SOUTH FLORIDA [US]	A01N63/00; A01N65/00; C12N5/06; C12N5/08	Improved method of stem cell therapy for cardiovascular repair
CN101503623 A 20090812	CN20091037487 20090227	UNIV SUN YAT SEN [CN]	C09K11/88	Magnetic fluorescent composite nanoparticle, as well as preparation and use thereof
US2009210956 A1 20090820	US20090430543 20090427; US20050270432 20051109; US20040626820P 20041110	UNIV TEXAS [US]	A01K67/027; A61K48/00; C07K2/00; C07K14/775; C12N5/10	Composition and method for clusterin-mediated stem cell therapy for treatment of atherosclerosis and heart failure

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009227025 A1 20090910	US20060352924 20060213; WO2004US17940 20040607; US20050298543 20051209; US20050652255P 20050211; US20030476591P 20030606; US20040634563P 20041209	UNIV TEXAS [US]	C12N5/02; C12N5/08; C12Q1/02	Ex vivo human lung/immune system model using tissue engineering for studying microbial pathogens with lung tropism
JP2009268433 A 20091119	JP20080123562 20080509	UNIV TOHOKU [JP]	C12N5/06; A61L27/00	Method for generating corneal endothelial cell from tissue stem cell/tissue precursor cell
JP2009219354 A 20091001	JP20060169817 20060620	UNIV TOKYO [JP]	C12N5/06; C12N15/09 A61K31/7088; A61K38/00; A61K48/00; A61P7/00; C12N5/10;	Ex vivo/in vivo proliferation of hematopoietic stem cell or hematopoietic progenitor cell by timp-3
US2009186017 A1 20090723	JP20060106951 20060407; WO2007JP57679 20070405	UNIV TSUKUBA [JP]	A61K39/395; C12Q1/02; G01N33/53	Graft-Versus-Host Disease Predicting Marker and Use Thereof
EP2091587 A1 20090826	WO2007US23251 20071105; US20060856562P 20061103	UNIV UTAH [US]	A61M1/10; A61M1/12; C12N5/06	Ventricular assist device capable of implantation of stem cells
WO2009128956 A1 20091022	US20080124698P 20080418	UNIV UTAH RES FOUND [US]; KUSHNIR MARK M [US]; NAESSEN TORD [SE]; BERGQUIST JONAS [SE]	G01N33/00; G01N33/48	Use of a steroid profile in ovarian follicular fluid for diagnosis, prognosis and determining strategies for treatment

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009170201 A1 20090702	US20080125776 20080522; US20060423676 20060612; US20030350747 20030124; US20000685666 20001010; US19970808346 19970228; US19960012384P 19960228; US19960012386P 19960228	UNIV VANDERBILT [US]	C12N5/02; C12N5/00	Compositions and methods of making embryonic stem cells
US2009304643 A1 20091210	US20070162523 20070130; US20060763333P 20060130; WO2007US02572 20070130	UNIV VIRGINIA [US]	A61K35/12; C12N5/06; C12N5/08	Methods of Preparing and Characterizing Mesenchymal Stem Cell Aggregates and Uses Thereof
WO2009100219 A1 20090813	US20080026318P 20080205	UNIV VIRGINIA [US]; COTTLER SHAYN PEIRCE [US]; KATZ ADAM J [US]; STAPOR PETER [US]; AMOS PETER J [US]	A61K9/10; A61K35/12	Spraying device and related method for cell aggregates and cell aggregate suspension thereof
WO2009137829 A2 20091112	US20080051939P 20080509	UNIV WAKE FOREST HEALTH [US]; YOO JAMES [US]; LEE SANG JIN [US]; VAN DYKE MARK [US]; ATALA ANTHONY [US]	A61L31/16; A61K35/12; A61K38/18; C12N5/08	Directed stem cell recruitment
CN101612126 A 20091230	CN20091100763 20090721	UNIV ZHEJIANG [CN]	A61K9/127	Preparation of immunoliposome of CD19 monoclonal antibody and application
CN101586095 A 20091125	CN20091099469 20090608	UNIV ZHEJIANG [CN]	C12N5/08; A61K35/28; A61P9/10	In-vitro culture medium of myeloid mesenchyma stem cell and use thereof
CN101570741 A 20091104	CN20091099429 20090615	UNIV ZHEJIANG [CN]	C12N5/08	Method and combined medium for preparing insulin-like secreting cells

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101559246 A 20091021	CN20091098990 20090526	UNIV ZHEJIANG [CN]	A61M1/14; A61M1/34; A61M1/38	Hybrid artificial liver support system equipped with nano fibre sheet stacked reactor
CN101549181 A 20091007	CN20091098406 20090507	UNIV ZHEJIANG [CN]	A61M1/14; A61M1/18; A61M1/20; C12M3/00	Nanometer fiber net sheet superposed type biological reactor
CN101531996 A 20090916	CN20091097099 20090401	UNIV ZHEJIANG [CN]	C12N5/08	Method for separating and purifying mesenchymal stem cells originated from formation tissue
CN101486996 A 20090722	CN20091096079 20090206	UNIV ZHEJIANG [CN]	C12N5/08	Non-animal source cell blood serum substitute and use thereof
WO2009138855 A2 20091119	US20080052496P 20080512	UNIVERSITAETSSPITAL BASEL [CH]; DE GEYTER CHRISTIAN [CH]; SCHERBERICH ARNAUD [FR]; KOSSOWSKA KATARZYNA [CH]	C12N5/00	Methods and systems for the production of granulosa cells
WO2009131710 A2 20091029	US20080148985 20080424	UNIVERSITY OF ARKANSAS [US]	C12Q1/68; C12N15/11; G06F19/00	Gene expression profiling based identification of genomic signature of high-risk multiple myeloma and uses thereof
WO2009114860 A2 20090917	US20080036808P 20080314; US20080049249P 20080430	UNIVERSITY OF ILLINOIS [US]; BARTHOLOMEW AMELIA [US]; POLCHERT DAVID [US]; SZILAGYI ERZSEBET [US]	A61K35/28; C12N5/08	Activated mesenchymal stem cells for the prevention and repair of inflammatory states
US2009203129 A1 20090813	US20090416672 20090401; US20050238234 20050929; US20020048757 20020821; WO2000US21385 20000804; US19990147324P 19990805; US19990164650P 19991110	UNIVERSITY OF MINNESOTA [US]; ABT HOLDING COMPANY [US]	C12N5/06	Multipotent adult stem cells and methods for isolation

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009287185 A1 20091119	US20060086024 20061204; US20050742244P 20051205; WO2006US46292 20061204	UNIVERSITY OF PENNSYLVANIA [US]	A61M37/00	Cardiac Targeted Delivery of Cells
WO2009154860 A2 20091223	US20080046181P 20080418	US HEALTH [US]; STRIZZI LUIGI [US]; BIANCO CATERINA [US]; SALOMON DAVID [US]	C12Q1/68	Cripto-1 as a biomarker for cardiac hypoxia
WO2009142888 A2 20091126	US20080154631 20080523	US OF AMERICA AS REPRESENTED B [US]; TALBOT NEIL C [US]; CAPERNA THOMAS J [US]; WILLARD RYAN [US]	C12N5/06; A61F2/02; C12N5/02; C12N11/00; G01N33/15	Immortal unipotent porcine picm- 19h and picm- 19b stem cell lines
US2009233360 A1 20090917	US20090405736 20090317; US20080037253P 20080317	UTI LTD PARTNERSHIP [CA]	C12N5/02; C12M3/00	Methods and Compositions for Culturing of neural Precursor Cells
US2009238802 A1 20090924	US20090360913 20090128; US20030446450 20030528; US20020384759P 20020531	VANGURI PADMAVATHY [US]; MOSCA JOSEPH D [US]	A61K35/12; A61K38/28; A61K38/47; A61P3/00; C07K14/715; C12N5/08; C12N9/40	Intraperitoneal delivery of genetically engineered mesenchymal stem cells
US2009318334 A1 20091224	US20090542620 20090817; US20030732429 20031210; US20020432113P 20021210; US20030498338P 20030827	VARADHACHARY ATUL [US]; PERICLE FEDERICA [US]	A61K38/40; A61K31/4745; A61K31/522; A61K31/5377; A61K31/573; A61K38/16	Lactoferrin as an agent in the prevention of organ transplant rejection and graft-versus-host-disease

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009169523 A1 20090702	US20080268320 20081110; US20060452081 20060613; US20050690089P 20050613	VERFAILLIE CATHERINE [BE]; SCHOEMANS HELENE [BE]; SNOECKX RIKKERT [BE]	A61K35/12; A61K38/02; C12N5/06; C12N5/08	Hsc self-renewal
WO2009134773 A1 20091105	US20080049893P 20080502	VESTA THERAPEUTICS INC [US]; MCCLELLAND RANDALL EDWIN [US]	C12N5/06	Hepatic progenitor cell and method of isolating same
WO2009106578 A1 20090903	US20080067511P 20080227	VIB VZW [BE]; UNIV GENT [BE]; BERX GEERT [BE]; VANDEWALLE CINDY [BE]; RASPE ERIC [BE]	C12Q1/68; G01N33/574	Use of sip1 as determinant of breast cancer stemness
WO2009137844 A2 20091112	US20080052155P 20080509; US20080061070P 20080612	VISTAGEN THERAPEUTICS INC [US]; BONHAM KRISTINA [US]; SNODGRASS H RALPH [US]; STULL ROBERT [US]; KUBO ATSUSHI [JP]	A61K35/39; A61P3/10; C12N5/08; C12N15/87; C12Q1/02	Pancreatic endocrine progenitor cells derived from pluripotent stem cells
MX2009011505 A 20091109	EP20070300979 20070424; WO2008EP54912 20080423	VIVALIS [FR]	A61K39/145	Duck embryonic derived stem cell lines for the production of viral vaccines.
US2009239286 A1 20090924	US20080243437 20081001; EP20030291813 20030722; FR20030014389 20031209; US20040565281 20040722; WO20041B02621 20040722	VIVALIS [FR]	C12N7/00; C12N5/06	Production of poxviruses with adherent or non adherent avian cell lines
CA2619029 A1 20090822	CA20082619029 20080222	VOON GERARD [CA]	C12N5/06; C12Q1/02 A61K31/203; A61K38/17; C12N5/00; C12N5/08; C12N15/09;	New cell technologies

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2617487 A1 20090801	CA20082617487 20080201	VOON GERARD [CA]	C12Q1/68; A61K48/00; C12N15/09; C12Q1/00; C40B30/00; G06F19/00	Algorithm to manage gene network to
CA2618651 A1 20090825	CA20082618651 20080225	VOON GERARD [CA]	G06N99/00; C12Q1/00; C12Q1/68; C40B30/02; G06F15/18	Quantum computing h/w and s/w and artificial intelligence
CA2613026 A1 20090715	CA20082613026 20080115	VOON GERARD [CA]	C12N5/06; A61K35/12; A61P17/02; C12M3/00; C12N5/00; C12N5/08; C12N15/09; C12N15/89; C12Q1/02	Added new stem cells processes/methods/techniques
CN101537138 A 20090923	CN20091031575 20090423	WEIJU TANG [CN]	A61K9/14; A61K36/899; A61P1/16; A61P31/20	Traditional Chinese medicine hepatitis B powder for eliminating duplication of hepatitis B virus (HBV) and method for manufacturing same
US2009215640 A1 20090827	US20060915696 20060526; US20050685758P 20050527; WO2006US20552 20060526	WEST MICHAEL D [US]; CHAPMAN KAREN B [US]; LARocca DAVID [US]	C40B30/04; C12N5/06	Methods for identifying ligands for stem cells and cells derived therefrom
GB2458863 A 20091007	WO2008US51347 20080117; US20070880747P 20070117	WISCONSIN ALUMNI RES FOUND [US]	C12N5/06; C12N5/08	Improved culture of stem cells
US2009176260 A1 20090709	US20080315873 20081204; US20070992136P 20071204	WU JOSEPH CHING-MING [US]; CAO FENG [US]	C12Q1/66; C12N5/10; C12N15/09	Double-fusion human embryonic stem cells, methods of making double-fusion human embryonic stem cells, triple-fusion human embryonic stem cells, methods of making triple-fusion human embryonic stem cells, and methods of monitoring double-fusion human embryonic stem cells and triple-fusion human embryonic stem cells
CN101603031 A 20091216	CN20091158040 20090717	XIONG JUN [CN]	C12N5/08; A01N1/02; G06F17/30; G06Q10/00	Quality management system for stem cell production

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
US2009191162 A1 20090730	IL20060176507 20060622; IL20060179849 20061205; WO2007IL00741 20070619	YEDA RES & DEV [IL]	A61K35/12; A61K31/137; A61K38/18; C12N5/00; C12N5/02	Catecholamine receptor modulation
US2009214649 A1 20090827	US20090320594 20090129; US20080025135P 20080131	YISSUM RES DEV CO [IL]	A61K35/12; A61K9/00; A61P19/00	Scaffolds with oxygen carriers, and their use in tissue regeneration
US2009304639 A1 20091210	JP20050132811 20050428; WO2005JP19552 20051025	YOKOO TAKASHI [JP]; OKABE MASATAKA [JP]; HOSOYA TATSUO [JP]	A61K45/00; A61P43/00	Method for preparing an organ for transplantation
US2009208466 A1 20090820	US20070293490 20070420; US20060794033P 20060421; WO2007US09612 20070420	YOO JAMES [US]; XU TAO [US]; ATALA ANTHONY [US]	A61K35/12; A61P35/00; C40B50/12	Ink-jet printing of tissues
US2009221428 A1 20090903	US20060065076 20060907; US20050715363P 20050907; US20060790209P 20060407; WO2006US34962 20060907	YOUNG RICHARD A [US]; LEE TONG IHN [US]; GUENTHER MATTHEW [US]; BOYER LAURIE A [US]	C40B20/04; C07H1/00; C12Q1/68; C40B50/14	Methods of Genome-Wide Location Analysis in Stem Cells
US2009239305 A1 20090924	US20090322809 20090206; US20080063939P 20080207	ZHANG SU-CHUN [US]; DU ZHONG-WEI [US]	C12N15/87; C12N5/10	Gene recombination exchange system for stable gene modification in human ES cells
CN101608174 A 20091223	CN20091055219 20090723	ZHANG YI [CN]	C12N5/08; A01N1/02	Construction method of human umbilical cord mesenchyma stem cell

Número do Pedido	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101569640 A 20091104	CN20081061519 20080430	ZHEJIANG CONBA HEALTH PRODUCTS [CN]	A61K36/23; A61K8/02; A61K8/06; A61K8/97; A61K9/06; A61K9/08; A61K9/10; A61P17/00; A61Q19/00	Application of total asiaticoside to preparation of medicaments or cosmetics for preventing and curing striae gravidarum
CN101497874 A 20090805	CN20091037590 20090304	ZHONGSHAN OPHTHALMIC CT OF SUN [CN]	C12N5/08; C12N5/06	Method for promoting somatic cell proliferation
KR20090109575 A 20091020	KR20097018749 20080212		A61K35/50; A61P17/00; A61P37/00	Treatment of inflammatory diseases using placental stem cells
KR20090109127 A 20091019	KR20097018748 20080212		A01K67/027; A61P1/16	Hepatocytes and chondrocytes from adherent placental stem cells? And cd34?, cd45? Placental stem cell-enriched cell populations
KR20090108703 A 20091016	KR20097016496 20080109		A61K38/08; A61K38/19; A61P7/06; A61P35/00	Methods for increasing and mobilizing hematopoietic stem cells
KR20090111800 A 20091027	KR20097004531 20070806		A61P35/00	Tumor suppression using placental stem cells
KR20090103828 A 20091001	KR20090026488 20090327		C12N5/02; C07K14/71	Use of CD45+ cell or CD45+ cell-conditioned medium for facilitating proliferation of mesenchymal stem cells
KR20090105817 A 20091007	KR20090022894 20090318		C12N5/02; A61K8/64	Composition for Promoting Stem Cell Proliferation Comprising Vegetable Peptone

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	Republica 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.