



VAL#

6533

Search performed by:

Ed Olefirowicz

RESEARCH QUESTION / PROBLEM

I need a current comprehensive list of all issued and all published patents that I have authored - Theresa A. Deisher.

RESEARCH REQUEST SUMMARY & APPROACH

A search was conducted in Chemical Abstracts (HCAPLUS), Derwent World Patents Index (WPIDS), and INPADOC. Duplicates were removed between HCAPLUS and WPIDS that resulted in 23 patent family references in HCAPLUS. There were no unique records in WPIDS. For INPADOC there are 82 records that provide the original titles and publication information for each published granted patent or patent application.

ACCRUED COST

For your information, this search accrued \$199.00 in online search fees.

RESEARCH FINDINGS

Chemical Abstracts	2
INPADOC.....	12

Chemical Abstracts

ANSWER 1 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Methods of using G-CSF mobilized c-Kit+ cells in the production of embryoid body-like cell clusters for tissue repair and in the treatment of cardiac myopathy

INVENTOR(S): **Deisher, Theresa**; Wang, Xiaozhen; Begley, C. Glenn
PATENT ASSIGNEE(S): Amgen Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005047491	A2	20050526	WO 2004-US37670	20041110
WO 2005047491	A3	20050915		
US 2005186182	A1	20050825	US 2004-985835	20041110

PRIORITY APPLN. INFO.: US 2003-518764P P 20031110

AB The invention discloses methods of using granulocyte colony-stimulating factor (G-CSF) polypeptide, alone and in conjunction with stromal cell-derived factor (SDF-1) polypeptide, to increase the mobilization of c-Kit+ stem cells in the blood, bone marrow, tissue, heart or other organs for the subsequent production of embryoid body-like cell clusters. These embryoid body-like cell clusters can be used for cell replacement therapy, for the treatment of cardiac myopathy and other diseases and disorders, and for screening agents that drive or inhibit differentiation and proliferation.

ANSWER 2 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Use of human and mouse fibroblast growth factor homologous factor zFGF-5 in treatment of osteoarthritis, cardiomyopathy and neurological disorders

INVENTOR(S): **Deisher, Theresa A.**; Conklin, Darrell C.
PATENT ASSIGNEE(S): USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005043234	A1	20050224	US 2004-854485	20040526
US 5989866	A	19991123	US 1997-951822	19971016
EP 1632574	A1	20060308	EP 2005-21714	19971016
US 6518236	B1	20030211	US 1999-229947	19990113
US 2003199443	A1	20031023	US 2002-315431	20021209

PRIORITY APPLN. INFO.: US 1996-28646P P 19961016
US 1997-951822 A2 19971016
US 1999-229947 A2 19990113
US 2000-574750 B1 20000518
US 2000-613708 B2 20000711
US 2000-634318 B1 20000809
US 2002-315431 A2 20021209
EP 1997-910128 A3 19971016

AB The present invention relates to use of human and mouse fibroblast growth factor homologous factor zFGF-5 in treatment of osteoarthritis, cardiomyopathy, neurol. disorders and wound healing. Methods of using zFGF5 compns. to proliferate chondrocytes and their progenitors, and to induce deposition of cartilage are disclosed. In addition, methods for treating neurol. disorders, such as stroke, are disclosed, and methods for using zFGF5 compns. to stimulate growth of cells associated with neurol. injury and disease are disclosed.

ANSWER 3 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Antagonistic anti-zsig33 peptide antibodies for reducing body weight, appetite and growth hormone secretion

INVENTOR(S): Jaspers, Stephen R.; Sheppard, Paul O.; Bishop, Paul D.; Kuijper, Joseph L.; **Deisher, Theresa A.**

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA



PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004033645	A2	20040422	WO 2003-US31804	20031006
WO 2004033645	A3	20040805		
CA 2500665	AA	20040422	CA 2003-2500665	20031006
AU 2003282755	A1	20040504	AU 2003-282755	20031006
US 2004208866	A1	20041021	US 2003-679813	20031006
EP 1556084	A2	20050727	EP 2003-774639	20031006
JP 2006502227	T2	20060119	JP 2004-543491	20031006

PRIORITY APPLN. INFO.:

US 2002-416918P	P	20021007
WO 2003-US31804	W	20031006

AB The present invention relates to a method of regulating body weight, body mass, fat depositions, and circulating glucose levels, by antagonizing zsig33 peptide by binding it with an antibody. The antagonistic antibody may also useful for inhibiting appetite, satiety and growth hormone secretion from pituitary cells, and for treating metabolic disorder such as glucose metabolism, obesity as well as neuropathy-associated gastrointestinal disorders in human and mammal.

ANSWER 4 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Compositions and methods for treating cardiovascular disease

INVENTOR(S): Burton, Paul B.; **Deisher, Theresa A.**

PATENT ASSIGNEE(S): Immunex Corporation, USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004019866	A2	20040311	WO 2003-US26354	20030821
WO 2004019866	A3	20040708		
WO 2004019866	B1	20041014		
CA 2496795	AA	20040311	CA 2003-2496795	20030821
US 2004136992	A1	20040715	US 2003-646308	20030821
EP 1545578	A2	20050629	EP 2003-791726	20030821
JP 2006508056	T2	20060309	JP 2004-532947	20030821

PRIORITY APPLN. INFO.:

US 2002-406418P	P	20020828
US 2003-494457P	P	20030812
WO 2003-US26354	W	20030821

AB The invention pertains to methods of treating cardiovascular disease by modulating inflammatory and immunoregulatory responses associated with such pathol. conditions. Embodiments of the invention provide methods for the treatment of cardiovascular disease in a subject having cardiovascular disease comprising administering an effective amount of one or more IL-17 antagonists, IL-18 antagonists, 4-1BB antagonists, CD30 antagonists, OX40 antagonists and/or CD39 alone or in any combination.

ANSWER 5 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Sequences of human TML peptides

INVENTOR(S): Sheppard, Paul O.; **Deisher, Theresa A.**;

Jaspers, Stephen R.; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

SOURCE: U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 46,479.

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6627729	B1	20030930	US 1999-404417	19990923
US 6291653	B1	20010918	US 1998-46479	19980323
CN 1733918	A	20060215	CN 2004-10056797	19980323
US 2001041791	A1	20011115	US 2001-794987	20010227
US 6838438	B2	20050104		
US 2004254345	A1	20041216	US 2001-796158	20010228
US 6939690	B2	20050906		
US 2003235887	A1	20031225	US 2003-607706	20030627
US 2005106146	A1	20050519	US 2004-927484	20040825

PRIORITY APPLN. INFO.:

US 1997-41102P	P	19970324
US 1998-46479	A2	19980323



US 1997-822897 A 19970324
 CN 1998-804682 A3 19980323
 US 1999-404417 A3 19990923
 US 2001-794987 A1 20010227

AB The present invention is directed to polynucleotides, peptides, variants, and uses thereof for a novel human peptide fragment designated TML peptides. Binding of the peptide fragment has been shown in kidney and small intestine. The present invention further includes agonists, antagonists, variants, antibodies, host cells expressing the cDNA encoding the novel TML peptides and methods for increasing gastric motility and secretion of digestive proteins and hormones using the novel TML peptides.

ANSWER 6 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN
 TITLE: Protein and cDNA sequences of a human fibroblast growth factor sequence homolog and therapeutic use
 INVENTOR(S): **Deisher, Theresa A.**; Conklin, Darrell C.; Raymond, Fenella; Bukowski, Thomas R.; Holderman, Susan D.; Hansen, Birgit; Sheppard, Paul O.
 PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
 SOURCE: U.S., 44 pp., Cont.-in-part of U.S. 5,989,866.

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6518236	B1	20030211	US 1999-229947	19990113
US 5989866	A	19991123	US 1997-951822	19971016
EP 1632574	A1	20060308	EP 2005-21714	19971016
US 6352971	B1	20020305	US 1999-368951	19990805
US 2004096936	A1	20040520	US 2001-37922	20011019
US 2003008351	A1	20030109	US 2002-81347	20020221
US 2003199443	A1	20031023	US 2002-315431	20021209
US 2005043234	A1	20050224	US 2004-854485	20040526

PRIORITY APPLN. INFO.:
 US 1996-28646P P 19961016
 US 1997-951822 A2 19971016
 EP 1997-910128 A3 19971016
 US 1999-229947 A1 19990113
 US 2000-574750 A 20000518
 US 2000-613708 B2 20000711
 US 2000-634318 B1 20000809
 US 2002-315431 A2 20021209

AB The present invention provides protein and cDNA sequences of a novel human protein, designated as "zFGF5", which has sequence homol. with member of the FGF family. The polypeptides, and polynucleotides encoding them, are proliferative for muscle cells, in particular cardiac cells and may be used for remodeling cardiac tissue and improving cardiac function. The present invention also includes antibodies to the zFGF5 polypeptides.

ANSWER 7 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN
 TITLE: Use of tumor necrosis factor inhibitor (etanercept) to treat chronic heart failure in patients
 INVENTOR(S): Warren, Marshelle S.; **Deisher, Theresa A.**
 PATENT ASSIGNEE(S): Immunex Corporation, USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002080847	A2	20021017	WO 2002-US10517	20020403
WO 2002080847	A3	20030925		
US 2004072805	A1	20040415	US 2002-115625	20020403

PRIORITY APPLN. INFO.:
 US 2001-282244P P 20010406

AB The invention provides methods of identifying chronic heart failure patients who are likely to benefit from treatment with a TNF α inhibitor. In one embodiment of the invention, the TNF- α inhibitor is TNFR:Fc (etanercept) and is administered to patient by s.c. injection.

ANSWER 8 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN



TITLE: Short gastrointestinal peptides and their therapeutic use in gastrointestinal tract disorders

INVENTOR(S): Sheppard, Paul O.; Jaspers, Stephen R.; **Deisher, Theresa A.**; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6420521	B1	20020716	US 2000-608810	20000630
US 2003176640	A1	20030918	US 2002-186414	20020701
US 2005208626	A1	20050922	US 2005-133912	20050519
PRIORITY APPLN. INFO.:			US 1999-141592P	P 19990630
			US 2000-608810	A1 20000630
			US 2002-186414	A1 20020701

AB The present invention is directed to human secretory polynucleotides, polypeptides, peptides, variants and uses thereof for novel peptide fragments which have homol. to motilin. Tissue distribution of the mRNA for the novel polypeptide fragment is specific to the stomach, small intestine and pancreas. Binding of the peptide fragment has been shown in kidney and small intestine. The present invention further includes agonists, antagonists, variants, antibodies and host cells expressing the cDNA encoding the novel Short Gastrointestinal Peptides (SGIP) peptide. Methods of modulating gastric contractility, nutrient uptake, growth hormones, the secretion of digestive enzymes and hormones, and/or secretion of enzymes and/or hormones in the pancreas are also included.

ANSWER 9 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Sequences of zsig33-like peptides and therapeutic uses in gastrointestinal tract disorders

INVENTOR(S): Jaspers, Stephen R.; Sheppard, Paul O.; **Deisher, Theresa A.**; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002055156	A1	20020509	US 2001-853253	20010510
US 6897286	B2	20050524		
US 2005048618	A1	20050303	US 2004-921371	20040819
PRIORITY APPLN. INFO.:			US 2000-203300P	P 20000511
			US 2001-853253	A3 20010510

AB The present invention relates to zsig33-like peptides, which are produced by peptide cleavage from the C terminal peptide of zsig33, and its agonists, antagonists, and antibodies. Methods of modulating gastric contractility, nutrient uptake, growth hormones, the secretion of digestive enzymes and hormones, and/or secretion of enzymes and/or hormones in the pancreas are also included.

ANSWER 10 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Sequences of novel human secretory protein zsig33-like peptides

INVENTOR(S): Jaspers, Stephen R.; Sheppard, Paul O.; **Deisher, Theresa A.**; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087933	A2	20011122	WO 2001-US15091	20010510
WO 2001087933	A3	20020711		
EP 1278852	A2	20030129	EP 2001-937280	20010510
PRIORITY APPLN. INFO.:			US 2000-569271	A 20000511
			WO 2001-US15091	W 20010510

AB The present invention provides sequences for zsig33-like peptides which are produced by peptide cleavage from the C terminal peptide of human secretory protein zsig33. Methods of modulating gastric contractility, nutrient uptake, growth hormones, the secretion of digestive enzymes and hormones, and/or secretion of enzymes and/or hormones in the pancreas are also included.



ANSWER 11 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Protein and cDNA sequences of a novel human disintegrin protease sequence homolog zdint1 and therapeutic uses thereof

INVENTOR(S): Sheppard, Paul O.; Baidur, Nand; **Deisher, Theresa A.**; Bishop, Paul D.; Taft, David W.
PATENT ASSIGNEE(S): ZymoGenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6265199	B1	20010724	US 1999-351414	19990709
US 2002137178	A1	20020926	US 2001-809617	20010315
US 2002072102	A1	20020613	US 2001-809790	20010316
US 2003153064	A1	20030814	US 2002-260506	20020927
US 2006024805	A1	20060202	US 2005-242243	20051003
PRIORITY APPLN. INFO.:			US 1998-92371P	P 19980710
			US 1999-351414	A3 19990709
			US 1999-147410P	P 19990805
			US 2000-631534	B3 20000803
			US 2001-809617	A3 20010315

AB The present invention provides protein and cDNA sequences of a novel human protein zdint1 which have homol. to disintegrin proteases. Tissue distribution of the mRNA for the novel polypeptide fragment is specific to the heart, brain, spinal cord and skeletal muscle. The zdint1 gene resides on human chromosome 2 at 2q33. The present invention further includes agonists, antagonists, variants, antibodies and host cells expressing the cDNA encoding the novel zdint1 protein. The invention further relates to the uses of zdint1 as anticoagulant or inhibitor of platelet accumulation.

ANSWER 12 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Method of forming a peptide-receptor complex with protein zsig33 and growth hormone secretagogue receptor (GHS-R)

INVENTOR(S): Sheppard, Paul O.; Jaspers, Stephen R.; **Deisher, Theresa A.**; Bishop, Paul D.
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038355	A2	20010531	WO 2000-US32074	20001122
WO 2001038355	A3	20011122		
CA 2392019	AA	20010531	CA 2000-2392019	20001122
EP 1232175	A2	20020821	EP 2000-982197	20001122
JP 2003514917	T2	20030422	JP 2001-540118	20001122
PRIORITY APPLN. INFO.:			US 1999-166765P	P 19991122
			WO 2000-US32074	W 20001122

AB The present invention relates to a method of forming a peptide-receptor complex with zsig33 polypeptides and growth hormone secretagogue receptor (GHS-R). The discovery of this novel method of forming a peptide-receptor complex is important for further elucidation of the how the body maintains its nutritional homeostasis and development of therapeutics to intervene in those processes, as well as other uses that will be apparent from the teachings herein. The present invention is based upon the identification of a previously described secreted protein known as zsig33 as the peptide ligand for an orphan receptor known as GHS-R, which belongs to G protein-coupled receptor family. The zsig33 ligand has homol. to motilin and has been found to be transcribed in the gastrointestinal system. The orphan receptor has homol. to the motilin receptor, GPR38. Anal. of the tissue distribution of the mRNA corresponding to zsig33 protein showed that expression was highest in stomach, followed by apparent but decreased expression levels in small intestine and pancreas. The partial sequence for the secreted zsig33 protein was derived from a pancreatic library, and has also been shown in lung cDNA libraries. In vitro binding studies have shown that the zsig33 peptide binds to kidney, duodenum, and jejunum. Thus, binding of the zsig33 ligand to the GHS-R is expected in tissues such as stomach, small intestine, pancreas, lung, kidney, duodenum, jejunum, and brain. Methods of modulating gastric contractility, nutrient uptake, growth hormones, the secretion of digestive enzymes and hormones, and/or secretion of enzymes and/or hormones in the pancreas are also included.



ANSWER 13 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Protein and cDNA sequences of novel human protein SGIP and therapeutic uses thereof

INVENTOR(S): Sheppard, Paul O.; Jaspers, Stephen R.; **Deisher, Theresa A.**; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001000830	A1	20010104	WO 2000-US18306	20000630
CA 2377721	AA	20010104	CA 2000-2377721	20000630
EP 1190059	A1	20020327	EP 2000-945123	20000630
JP 2003503055	T2	20030128	JP 2001-506822	20000630
PRIORITY APPLN. INFO.:			US 1999-345157	A 19990630
			WO 2000-US18306	W 20000630

AB The present invention provides protein and cDNA sequences of a novel human protein SGIP which have homol. to motilin. Tissue distribution of the mRNA for the novel polypeptide fragment is specific to the stomach, small intestine and pancreas. Binding of the peptide fragment has been shown in kidney and small intestine. The SGIP gene resides on human chromosome 3 at 3p26.1. The present invention further includes agonists, antagonists, variants, antibodies and host cells expressing the cDNA encoding the novel SGIP peptide.

ANSWER 14 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Protein and cDNA sequences of novel human gene zsig-45

INVENTOR(S): **Deisher, Theresa A.**; Sheppard, Paul O.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6140084	A	20001031	US 1998-203623	19981201
US 6486304	B1	20021126	US 2000-523462	20000310
US 6500925	B1	20021231	US 2000-522980	20000310
PRIORITY APPLN. INFO.:			US 1997-67263P	P 19971203
			US 1998-203623	A 19981201

AB The present invention provides protein and cDNA sequences for a newly identified human protein gene, designated zsig-45, which is expressed in thyroid. The zsig-45 gene resides on human chromosome 2 at 2q37.3. The invention also relates to the tissue distribution of zsig-45 mRNA. The present invention also includes antibodies to the zsig-45 proteins. The sequences of zsig-45, may be used for detecting human disease states and chromosomal abnormalities, and as a therapeutic.

ANSWER 15 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cloning and cDNA sequence encoding the human Zdint1 homolog of disintegrin

INVENTOR(S): Sheppard, Paul O.; Baidur, Nand; **Deisher, Theresa A.**; Bishop, Paul D.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000002912	A2	20000120	WO 1999-US15638	19990709
WO 2000002912	A3	20010907		
CA 2332311	AA	20000120	CA 1999-2332311	19990709
AU 9949833	A1	20000201	AU 1999-49833	19990709
EP 1144441	A2	20011017	EP 1999-933873	19990709
EP 1144441	A3	20011128		
JP 2002526033	T2	20020820	JP 2000-559141	19990709
ZA 2000007766	A	20011221	ZA 2000-7766	20001221
PRIORITY APPLN. INFO.:			US 1998-113883	A 19980710
			WO 1999-US15638	W 19990709

AB The present invention relates to polynucleotide and polypeptide mols. for Zdint1, a novel member of the disintegrin proteases. The 696-amino acid sequence of Zdint1



comprises an N-terminal propeptide domain, a protease domain at residues 164-382, a disintegrin domain at residues 383-464, and a cysteine-rich domain at residues 465-696. Strong signals of 3 transcript sizes (.apprx.3.0, 4.4, and 7.5 kb) were observed in heart on multiple tissue Northern blots, with faint signals in brain and spinal cord. The gene encoding Zdint1 maps to chromosome 2q33. Zdint1 exhibits anticoagulant activity and inhibits platelet accumulation at sites of arterial thrombosis. The polypeptides, and polynucleotides encoding them, are believed to be cell-cell interaction modulating and may be used for delivery and therapeutics. The present invention also includes antibodies to the zdint1 polypeptides.

ANSWER 16 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cardiac-derived stem cells
INVENTOR(S): **Deisher, Theresa A.**; Hanson, Birgit; Moore, Emma E.; Robertson, Tamara L.; Thompson, Deborah L.; Lum, Karen D.
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9949015	A2	19990930	WO 1999-US6356	19990323
WO 9949015	A3	19991216		
CA 2324350	AA	19990930	CA 1999-2324350	19990323
AU 9931124	A1	19991018	AU 1999-31124	19990323
EP 1064356	A2	20010103	EP 1999-912853	19990323
JP 2002507407	T2	20020312	JP 2000-537976	19990323
PRIORITY APPLN. INFO.:			US 1998-79132P	P 19980323
			WO 1999-US6356	W 19990323

AB The invention provides cardiac-derived pluripotent stem cells, which on proliferation and differentiation can produce a variety of cell types including cardiocytes, fibroblasts, smooth muscle cells, skeletal muscle cells, keratinocytes, osteoblasts and chondrocytes. The cells can be used in methods of treating patients suffering from necrotic heart tissue. The stem cells proliferate and differentiate to produce cardiocytes replacing the necrotic tissue. The cells can also be used to screen compds. for activity in promoting proliferation and/or differentiation of cardiac-derived stem cells.

ANSWER 17 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cloning and cDNA sequence encoding a human thyroid secreted protein zsig45
INVENTOR(S): Sheppard, Paul O.; **Deisher, Theresa A.**
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9928467	A1	19990610	WO 1998-US25454	19981201
CA 2312048	AA	19990610	CA 1998-2312048	19981201
AU 9915405	A1	19990616	AU 1999-15405	19981201
EP 1042465	A1	20001011	EP 1998-959647	19981201
JP 2001525172	T2	20011211	JP 2000-523343	19981201
NO 2000002832	A	20000720	NO 2000-2832	20000602
PRIORITY APPLN. INFO.:			US 1997-984638	A 19971203
			WO 1998-US25454	W 19981201

AB The present invention relates to polynucleotide and polypeptide mols. for zsig45, a novel human protein strongly expressed in thyroid and pituitary gland. The novel zsig45 polypeptide was initially identified by querying an EST database for secretory signal sequences in an effort to select for secreted proteins. The full-length cDNA encodes a protein with no apparent homolog relationship to known proteins, suggesting a completely novel protein that may be a member of a new protein family. Moreover, the signal sequence, predicted small size (8 kDa, without post-translational modification), tissue-specific expression, certain novel motifs, and lack of long hydrophobic segments in the mature protein, suggests a small secreted mol. with potential as a new class of secreted cytokine-like or protein hormone-like mols. The gene maps to the 2q37.3 region on human chromosome 2. The polypeptides, and polynucleotides encoding them, may be used for detecting human disease states and chromosomal abnormalities, and as a



therapeutic. The present invention also includes antibodies to the zsig45 polypeptides.

ANSWER 18 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Human 2-19 protein homolog z219c and its cDNA
INVENTOR(S): Conklin, Darrell C.; Blumberg, Hal; **Deisher, Theresa A.**
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9925828	A1	19990527	WO 1998-US23524	19981104
CA 2320399	AA	19990527	CA 1998-2320399	19981104
AU 9913069	A1	19990607	AU 1999-13069	19981104
EP 1032665	A1	20000906	EP 1998-956578	19981104
JP 2001523454	T2	20011127	JP 2000-521193	19981104
US 6902911	B1	20050607	US 1998-186342	19981104
US 2004137575	A1	20040715	US 2004-764100	20040123
PRIORITY APPLN. INFO.:			US 1997-66157P	P 19971119
			US 1998-186342	A1 19981104
			WO 1998-US23524	W 19981104

AB The present invention relates to z219c, a novel member of the human 2-19 protein family, and to nucleic acids encoding it. These may be used for detecting various human disease states and chromosomal abnormalities. The present invention also includes antibodies to the z219c polypeptides. The gene for the 2-19 protein homolog was mapped to human chromosome 3. Northern blotting indicated that the gene was expressed strongly in trachea, stomach and colon and dot-blot hybridization indicated strong expression in salivary glands.

ANSWER 19 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cloning and cDNA sequence of a testis-specific transcription factor ZGCL-1 from human
INVENTOR(S): Yee, David P.; **Deisher, Theresa A.**
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909168	A1	19990225	WO 1998-US17243	19980819
CA 2301043	AA	19990225	CA 1998-2301043	19980819
AU 9890263	A1	19990308	AU 1998-90263	19980819
AU 740368	B2	20011101		
EP 1007674	A1	20000614	EP 1998-942147	19980819
JP 2001514890	T2	20010918	JP 2000-509832	19980819
US 6420525	B1	20020716	US 1998-137223	19980819
US 2002160487	A1	20021031	US 2001-14137	20011206
PRIORITY APPLN. INFO.:			US 1997-56130P	P 19970819
			US 1998-137223	A3 19980819
			WO 1998-US17243	W 19980819

AB Novel ZGCL-1 transcription factor polypeptides, polynucleotides encoding the polypeptides, and related compns. and methods are disclosed. ZGCL-1 cDNA and polypeptides were initially identified by querying an expressed sequence tag database. The deduced 479-residue sequence contains 2 potential N-glycosylation sites, 4 potential cAMP- and cGMP-dependent protein kinase phosphorylation sites, 5 potential protein kinase C phosphorylation sites, and a POZ domain. ZGCL-1 shares 35% amino acid identity with the Drosophila "germ cell-less gene. Northern anal. detected a high level of 3-2-kb transcript in testis and lower levels in thyroid, spinal cord, stomach, lymph node, and trachea, as well as low levels of a 4.5-kb transcript in placenta and pancreas. Chromosomal localization of ZGCL-1 gene to human chromosome 5q35.3 was determined using radiation hybrid chimeras. The polypeptides, agonists and antagonists may be used within methods for promoting the proliferation and/or differentiation of testis cells, and may also be used in the development of male-specific contraceptives and infertility treatments.

ANSWER 20 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Factor XIII for the treatment of reperfusion injury

and mucosal damage

INVENTOR(S): **Deisher, Theresa A.**; Bishop, Paul D.; Garcia, Richard M.
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9851333	A1	19981119	WO 1998-US9742	19980512
AU 9874837	A1	19981208	AU 1998-74837	19980512
PRIORITY APPLN. INFO.:			US 1997-46468P	P 19970514
			WO 1998-US9742	W 19980512

AB Ischemic reperfusion injury, occurring spontaneously or resulting from ischemia induced to facilitate a surgical intervention, is reduced by administration of factor XIII in a biol. compatible vehicle. In addition, a factor XIII-containing pharmaceutical composition may be used to preserve the integrity of the mucosa or epithelium from damage caused by radiation or chemotherapeutic agents. Rats receiving factor XIII showed reduced myeloperoxidase activity, reduced degree of histopathol. The factor XIII reduced intestinal ischemic reperfusion injury in a rat model.

ANSWER 21 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cloning and cDNA sequence of a human motilin homolog and its role in gastric motility

INVENTOR(S): Sheppard, Paul O.; **Deisher, Theresa A.**
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9842840	A1	19981001	WO 1998-US5620	19980323
US 6380158	B1	20020430	US 1997-822897	19970324
CA 2284733	AA	19981001	CA 1998-2284733	19980323
AU 9865769	A1	19981020	AU 1998-65769	19980323
AU 726423	B2	20001109		
EP 975760	A1	20000202	EP 1998-911928	19980323
BR 9808059	A	20000308	BR 1998-8059	19980323
NZ 337958	A	20010330	NZ 1998-337958	19980323
JP 2001513651	T2	20010904	JP 1998-543276	19980323
CN 1733918	A	20060215	CN 2004-10056797	19980323
NO 9904614	A	19991123	NO 1999-4614	19990923
MX 9908778	A	20000228	MX 1999-8778	19990924
US 2005106146	A1	20050519	US 2004-927484	20040825
PRIORITY APPLN. INFO.:			US 1997-41102P	P 19970324
			US 1997-822897	A 19970324
			CN 1998-804682	A3 19980323
			US 1998-46479	A3 19980323
			WO 1998-US5620	W 19980323
			US 2001-794987	A1 20010227

AB The present invention is directed to polynucleotides, polypeptides and peptide fragments thereof, and uses thereof for a novel human fetal pancreatic cDNA sequence, designated zsig33, which has homol. to motilin. Zsig33 is secreted as mature peptide comprising residues 24-41 of the prepro, 117-residue precursor. Tissue distribution of the mRNA for the novel polypeptide is specific to the stomach, small intestine and pancreas. The zsig33 gene was mapped to chromosome 3p26.1. The present invention further includes agonists, antagonists, antibodies, host cells expressing the cDNA encoding the novel motilin homologs and methods for increasing gastric motility using the novel mols.

ANSWER 22 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Treatment agents and methods for treating type II diabetes and symptoms of type II diabetes using glucocorticoid receptor agonists and antagonists

INVENTOR(S): **Deisher, Theresa**
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9827986	A1	19980702	WO 1997-US24237	19971219



AU 9857290 A1 19980717 AU 1998-57290 19971219
 US 5929058 A 19990727 US 1997-995739 19971219
 PRIORITY APPLN. INFO.: US 1996-34505P P 19961224
 WO 1997-US24237 W 19971219

AB Methods for treating non-insulin dependent Diabetes Mellitus (NIDDM), or Type II Diabetes, by administering a combination of treatment agents exhibiting glucocorticoid receptor type I agonist activity and glucocorticoid receptor type II antagonist activity are disclosed. Treatment agents having both glucocorticoid receptor type I agonist activity and glucocorticoid receptor type II antagonist activity are also disclosed. Screening methods for identifying compds. having both glucocorticoid receptor type I agonist activity and glucocorticoid receptor type II antagonist activity are disclosed.

ANSWER 23 OF 23 HCAPLUS COPYRIGHT 2006 ACS on STN

TITLE: Cloning and cDNA sequence of human fibroblast growth factor homologous factor zFGF-5

INVENTOR(S): **Deisher, Theresa A.**; Conklin, Darrell C.; Raymond, Fenella C.; Bukowski, Thomas R.; Holderman, Susan D.; Hansen, Brigit; Sheppard, Paul O.
 Zymogenetics, Inc., USA

PATENT ASSIGNEE(S):

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9816644	A1	19980423	WO 1997-US18635	19971016
CA 2269083	AA	19980423	CA 1997-2269083	19971016
AU 9747583	A1	19980511	AU 1997-47583	19971016
AU 725551	B2	20001012		
EP 931148	A1	19990728	EP 1997-910128	19971016
EP 931148	B1	20060301		
BR 9712348	A	19990831	BR 1997-12348	19971016
CN 1247568	A	20000315	CN 1997-199827	19971016
CN 1127568	B	20031112		
JP 2001502178	T2	20010220	JP 1998-518577	19971016
EP 1632574	A1	20060308	EP 2005-21714	19971016
AT 318906	E	20060315	AT 1997-910128	19971016
NO 9901796	A	19990616	NO 1999-1796	19990415
MX 9903530	A	20000131	MX 1999-3530	19990415
KR 2000049207	A	20000725	KR 1999-703306	19990416

PRIORITY APPLN. INFO.: US 1996-28646P P 19961016
 EP 1997-910128 A3 19971016
 WO 1997-US18635 W 19971016

AB A novel DNA sequence is provided that encodes a fibroblast growth factor (FGF) homolog polypeptide having homol. to FGF-8. Anal. of the tissue distribution of the mRNA corresponding to this novel DNA showed that expression was highest in fetal and adult heart tissue, followed by apparent but decreased expression levels in fetal lung, skeletal muscle, smooth muscle tissues such as small intestine, colon, and trachea. The FGF homolog polypeptide is designated zFGF-5. The polypeptides, and polynucleotides encoding them, are proliferative for muscle cells and may be used for remodelling cardiac tissue and improving cardiac function. The present invention also includes antibodies to the zFGF-5 polypeptides.



INPADOC

ANSWER 1 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: FIBROBLASTEN-WACHSTUMSFAKTOREN HOMOLOGEFIBROBLASTEN-
WACHSTUMSFAKTOREN HOMOLOGE.
INVENTOR(S): **DEISHER, THERESA, A.**; CONKLIN, DARRELL, C.;
RAYMOND, FENELLA, C.; BUKOWSKI, THOMAS, R.; HOLDERMAN,
SUSAN, D.; HANSEN, BRIGIT; SHEPPARD, PAUL, O.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

AT 318906 E 20060315
APPLICATION INFO.: AT 1997-910128 EP 19971016
PRIORITY APPLN. INFO.: US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 2 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Fibroblast growth factor homologs.
INVENTOR(S): **DEISHER, THERESA A.**; CONKLIN, DARRELL C.;
RAYMOND, FENELLA C.; BUKOWSKI, THOMAS R.; HOLDERMAN,
SUSAN D.; HANSEN, BRIGIT; SHEPPARD, PAUL O.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

EP 1632574 A1 20060308
APPLICATION INFO.: EP 2005-21714 A 19971016
PRIORITY APPLN. INFO.: EP 1997-910128 A3 19971016 (EDPR 20060309)
US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 3 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Disintegrin homologs.
INVENTOR(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA**
A.; BISHOP PAUL D.; TAFT DAVID W.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 2006024805 AA 20060202
APPLICATION INFO.: US 2005-242243 A 20051003
PRIORITY APPLN. INFO.: US 2005-242243 A 20051003 (EDPR 20060216)
US 2001-809617 A3 20010315 (EDPR 20060216)
US 1999-351414 A3 19990709 (EDPR 20021014)
US 1998-92371P P 19980710 (EDPR 20010813)

ANSWER 4 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: SGIP peptides.
INVENTOR(S): SHEPPARD PAUL O.; JASPERS STEPHEN R.; **DEISHER**
THERESA A.; BISHOP PAUL D.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 2005208626 AA 20050922
APPLICATION INFO.: US 2005-133912 A 20050519
PRIORITY APPLN. INFO.: US 2005-133912 A 20050519 (EDPR 20051013)
US 2002-186414 A1 20020701 (EDPR 20051013)
US 2000-608810 A1 20000630 (EDPR 20031014)
US 1999-141592P P 19990630 (EDPR 20020802)

ANSWER 5 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Methods of using G-CSF mobilized C-Kit+ cells in the
production of embryoid body-like cell clusters for tissue repair and in
the treatment of cardiac myopathy.



INVENTOR(S) : **DEISHER THERESA**; WANG XIAOZHEN; BEGLEY C. G.
 PATENT ASSIGNEE(S) : **DEISHER THERESA**; WANG XIAOZHEN; BEGLEY C. G.
 PATENT INFORMATION:

NUMBER	KIND	DATE	
US 2005186182	AA	20050825	
US 2004-985835	A	20041110	
US 2004-985835	A	20041110	(EDPR 20050908)
US 2003-518764P	P	20031110	(EDPR 20050609)

ANSWER 6 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: METHODS OF REGULATING BODY WEIGHT.
 INVENTOR(S) : JASPERS, STEPHEN, R.; SHEPPARD, PAUL, O.; BISHOP, PAUL, D.; KUIJPER, JOSEPH, L.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION:

NUMBER	KIND	DATE	
EP 1556084	A4	20060111	
EP 2003-774639	A	20031006	
WO 2003-US31804	W	20031006	(EDPR 20050407)
US 2002-416918P	P	20021007	(EDPR 20040506)

ANSWER 7 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: METHODS OF REGULATING BODY WEIGHT.
 INVENTOR(S) : BISHOP, PAUL D.; KUIJPER, JOSEPH L.; SHEPPARD, PAUL O.; **DEISHER, THERESA A.**; JASPERS, STEPHEN R.
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION:

NUMBER	KIND	DATE	
CA 2500665	AA	20040422	
CA 2003-2500665	A	20031006	
US 2002-416918P	P	20021007	(EDPR 20040506)
WO 2003-US31804	W	20031006	(EDPR 20050407)

ANSWER 8 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASE.
 INVENTOR(S) : BURTON, PAUL, B.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S) : IMMUNEX CORPORATION
 PATENT INFORMATION:

NUMBER	KIND	DATE	
EP 1545578	A2	20050629	
EP 2003-791726	A	20030821	
WO 2003-US26354	W	20030821	(EDPR 20050331)
US 2002-406418P	P	20020828	(EDPR 20040402)
US 2003-494457P	P	20030812	(EDPR 20040402)

ANSWER 9 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Human 2-19 protein homologue z219C.
 INVENTOR(S) : CONKLIN DARRELL C.; BLUMBERG HAL; **DEISHER THERESA A.**
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION:

NUMBER	KIND	DATE	
US 6902911	BA	20050607	
US 1998-186342	A	19981104	
US 1998-186342	A	19981104	(EDPR 20050624)
US 1997-66157P	P	19971119	(EDPR 19990722)

ANSWER 10 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: METHODS OF USING G-CSF MOBILIZED C-KIT+CELLS IN THE PRODUCTION OF EMBRYOID BODY-LIKE CELL CLUSTERS FOR TISSUE REPAIR AND IN THE TREATMENT OF CARDIAC MYOPATHY.
 INVENTOR(S) : **DEISHER, THERESA**; WANG, XIAOZHEN; BEGLEY, C., GLENN
 PATENT ASSIGNEE(S) : AMGEN INC.; **DEISHER, THERESA**; WANG, XIAOZHEN; BEGLEY, C., GLENN

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	WO 2005047491	A3	20050915	
APPLICATION INFO.:	WO 2004-US37670	A	20041110	
PRIORITY APPLN. INFO.:	US 2003-518764P	P	20031110	(EDPR 20050609)

ANSWER 11 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASE.
INVENTOR(S): BURTON, PAUL B.; **DEISHER, THERESA A.**
PATENT ASSIGNEE(S): IMMUNEX CORPORATION

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	CA 2496795	AA	20040311	
APPLICATION INFO.:	CA 2003-2496795	A	20030821	
PRIORITY APPLN. INFO.:	US 2002-406418P	P	20020828	(EDPR 20040402)
	US 2003-494457P	P	20030812	(EDPR 20040402)
	WO 2003-US26354	W	20030821	(EDPR 20050331)

ANSWER 12 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Antibodies to motilin homologs.
INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**; BISHOP PAUL D.; JASPERS STEPHEN R.; LABROO VIRENDER M.
PATENT ASSIGNEE(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**; BISHOP PAUL D.; JASPERS STEPHEN R.; LABROO VIRENDER M.

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	US 2005106146	AA	20050519	
APPLICATION INFO.:	US 2004-927484	A	20040825	
PRIORITY APPLN. INFO.:	US 2004-927484	A	20040825	(EDPR 20050602)
	US 2001-794987	A1	20010227	(EDPR 20050602)
	US 1998-46479	A3	19980323	(EDPR 20011203)
	US 1997-41102P	P	19970324	(EDPR 19990427)

ANSWER 13 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Zsig33-like peptides and polynucleotides.
INVENTOR(S): JASPERS STEPHEN R.; SHEPPARD PAUL O.; **DEISHER THERESA A.**; BISHOP PAUL D.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	US 2005048618	AA	20050303	
APPLICATION INFO.:	US 2004-921371	A	20040819	
PRIORITY APPLN. INFO.:	US 2004-921371	A	20040819	(EDPR 20050317)
	US 2001-853253	A3	20010510	(EDPR 20050317)
	US 2000-203300P	P	20000511	(EDPR 20020611)

ANSWER 14 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Novel FGF homologs.
INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.
PATENT ASSIGNEE(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	US 2005043234	AA	20050224	
APPLICATION INFO.:	US 2004-854485	A	20040526	
PRIORITY APPLN. INFO.:	US 2004-854485	A	20040526	(EDPR 20050310)
	US 2002-315431	A2	20021209	(EDPR 20050310)
	US 2000-634318	B1	20000809	(EDPR 20031111)
	US 2000-613708	B2	20000711	(EDPR 20050310)
	US 2000-574750	B1	20000518	(EDPR 20050310)
	US 1999-229947	A2	19990113	(EDPR 20050310)
	US 1997-951822	A2	19971016	(EDPR 20030303)
	US 1996-28646P	P	19961016	(EDPR 19990317)



ANSWER 15 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Polynucleotides encoding motilin homologs.
 INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**; BISHOP
 PAUL D.; JASPERS STEPHEN R.; LABROO VIRENDER M.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION:	NUMBER	KIND	DATE
	US 6939690	BB	20050906
APPLICATION INFO.:	US 2001-796158	A	20010228
PRIORITY APPLN. INFO.:	US 2001-796158	A	20010228 (EDPR 20041230)
	US 1998-46479	A3	19980323 (EDPR 20011203)
	US 1997-41102P	P	19970324 (EDPR 19990427)

ANSWER 16 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Methods of regulating body weight.
 INVENTOR(S): JASPERS STEPHEN R.; SHEPPARD PAUL O.; BISHOP PAUL D.;
 KUIJPER JOSEPH L.; **DEISHER THERESA A.**
 PATENT ASSIGNEE(S): JASPERS STEPHEN R.; SHEPPARD PAUL O.; BISHOP PAUL D.;
 KUIJPER JOSEPH L.; **DEISHER THERESA A.**

PATENT INFORMATION:	NUMBER	KIND	DATE
	US 2004208866	AA	20041021
APPLICATION INFO.:	US 2003-679813	A	20031006
PRIORITY APPLN. INFO.:	US 2003-679813	A	20031006 (EDPR 20041104)
	US 2002-416918P	P	20021007 (EDPR 20040506)

ANSWER 17 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Compositions and method for treating cardiovascular disease.
 INVENTOR(S): BURTON PAUL B. J.; **DEISHER THERESA A.**
 PATENT ASSIGNEE(S): BURTON PAUL B. J.; **DEISHER THERESA A.**

PATENT INFORMATION:	NUMBER	KIND	DATE
	US 2004136992	AA	20040715
APPLICATION INFO.:	US 2003-646308	A	20030821
PRIORITY APPLN. INFO.:	US 2003-646308	A	20030821 (EDPR 20040806)
	US 2003-494457P	P	20030812 (EDPR 20040402)
	US 2002-406418P	P	20020828 (EDPR 20040402)

ANSWER 18 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Novel FGF homologs.
 INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.;
 RAYMOND FENELLA; BUKOWSKI THOMAS R.; HOLDERMAN SUSAN
 D.; HANSEN BIRGIT; SHEPPARD PAUL O.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION:	NUMBER	KIND	DATE
	US 2004096936	AA	20040520
APPLICATION INFO.:	US 2001-37922	A	20011019
PRIORITY APPLN. INFO.:	US 2001-37922	A	20011019 (EDPR 20040604)
	US 1997-951822	A3	19971016 (EDPR 20020325)
	US 1996-28646P	P	19961016 (EDPR 19990317)

ANSWER 19 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: METHODS OF REGULATING BODY WEIGHT.
 INVENTOR(S): JASPERS, STEPHEN, R.; SHEPPARD, PAUL, O.; BISHOP,
 PAUL, D.; KUIJPER, JOSEPH, L.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION:	NUMBER	KIND	DATE
	WO 2004033645	A3	20040805
APPLICATION INFO.:	WO 2003-US31804	A	20031006



PRIORITY APPLN. INFO.: US 2002-416918P P 20021007 (EDPR 20040506)

ANSWER 20 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Use of tumor necrosis factor inhibitors to treat cardiovascular disease.

INVENTOR(S): WARREN MARSELLE S.; **DEISHER THERESA A.**

PATENT ASSIGNEE(S): WARREN MARSELLE S.; **DEISHER THERESA A.**

PATENT INFORMATION: NUMBER KIND DATE

US 2004072805 AA 20040415
APPLICATION INFO.: US 2002-115625 A 20020403
PRIORITY APPLN. INFO.: US 2002-115625 A 20020403 (EDPR 20040503)
US 2001-282244P P 20010406 (EDPR 20021111)

ANSWER 21 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASE.

INVENTOR(S): BURTON, PAUL, B.; **DEISHER, THERESA, A.**

PATENT ASSIGNEE(S): IMMUNEX CORPORATION; BURTON, PAUL, B.; **DEISHER, THERESA, A.**

PATENT INFORMATION: NUMBER KIND DATE

WO 2004019866 B1 20041014
APPLICATION INFO.: WO 2003-US26354 A 20030821
PRIORITY APPLN. INFO.: US 2002-406418P P 20020828 (EDPR 20040402)
US 2003-494457P P 20030812 (EDPR 20040402)

ANSWER 22 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: MOTILIN HOMOLOGS.

INVENTOR(S): **DEISHER, THERESA A.**; SHEPPARD, PAUL O.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

CA 2284733 AA 19981001
APPLICATION INFO.: CA 1998-2284733 A 19980323
PRIORITY APPLN. INFO.: US 1997-822897 A 19970324 (EDPR 19990427)
US 1997-41102P P 19970324 (EDPR 19990427)
WO 1998-US5620 W 19980323 (EDPR 19990706)

ANSWER 23 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: TML polynucleotides.

INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**;

JASPERS STEPHEN R.; BISHOP PAUL D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

US 2003235887 AA 20031225
APPLICATION INFO.: US 2003-607706 A 20030627
PRIORITY APPLN. INFO.: US 2003-607706 A 20030627 (EDPR 20040115)
US 1999-404417 A3 19990923 (EDPR 20040115)
US 1998-46479 A2 19980323 (EDPR 20031017)
US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 24 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: NOVEL FGF HOMOLOGS.

INVENTOR(S): CONKLIN, DARRELL C.; HOLDERMAN, SUSAN D.; RAYMOND,

FENELLA C.; BUKOWSKI, THOMAS R.; **DEISHER, THERESA**

A.; HANSEN, BIRGIT; SHEPPARD, PAUL O.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

CA 2269083 AA 19980423
APPLICATION INFO.: CA 1997-2269083 A 19971016
PRIORITY APPLN. INFO.: US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 25 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Novel FGF homologs.
 INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.
 PATENT ASSIGNEE(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.
 PATENT INFORMATION: NUMBER KIND DATE

 US 2003199443 AA 20031023
 APPLICATION INFO.: US 2002-315431 A 20021209
 PRIORITY APPLN. INFO.: US 2002-315431 A 20021209 (EDPR 20031111)
 US 2000-634318 B1 20000809 (EDPR 20031111)

ANSWER 26 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: TML peptides.
 INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**;
 JASPERS STEPHEN R.; BISHOP PAUL D.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 US 6627729 BA 20030930
 APPLICATION INFO.: US 1999-404417 A 19990923
 PRIORITY APPLN. INFO.: US 1999-404417 A 19990923 (EDPR 20031017)
 US 1998-46479 A2 19980323 (EDPR 20031017)
 US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 27 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: SGIP peptides.
 INVENTOR(S): SHEPPARD PAUL O.; JASPERS STEPHEN R.; **DEISHER THERESA A.**; BISHOP PAUL D.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 US 2003176640 AA 20030918
 APPLICATION INFO.: US 2002-186414 A 20020701
 PRIORITY APPLN. INFO.: US 2002-186414 A 20020701 (EDPR 20031014)
 US 2000-608810 A1 20000630 (EDPR 20031014)
 US 1999-141592P P 19990630 (EDPR 20020802)

ANSWER 28 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Disintegrin homologue, MAHBP.
 INVENTOR(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.; TAFT DAVID W.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 US 2003153064 AA 20030814
 APPLICATION INFO.: US 2002-260506 A 20020927
 PRIORITY APPLN. INFO.: US 2002-260506 A 20020927 (EDPR 20030901)
 US 2000-631534 B3 20000803 (EDPR 20030901)
 US 1999-147410P P 19990805 (EDPR 20030901)

ANSWER 29 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: METHOD OF FORMING A PEPTIDE-RECEPTOR COMPLEX WITH ZSIG33 ANDTHERAPEUTIC USE THEREOF.
 INVENTOR(S): SHEPPARD, PAUL O.; **DEISHER, THERESA A.**;
 JASPERS, STEPHEN R.; BISHOP, PAUL D.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 CA 2392019 AA 20010531
 APPLICATION INFO.: CA 2000-2392019 A 20001122

PRIORITY APPLN. INFO.: US 1999-166765P P 19991122 (EDPR 20010618)
WO 2000-US32074 W 20001122 (EDPR 20011009)

ANSWER 30 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: SGIP PEPTIDES.

INVENTOR(S): **DEISHER, THERESA A.**; JASPERS, STEPHEN R.;
SHEPPARD, PAUL O.; BISHOP, PAUL D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

CA 2377721 AA 20010104

APPLICATION INFO.: CA 2000-2377721 A 20000630

PRIORITY APPLN. INFO.: US 1999-345157 A 19990630 (EDPR 20010123)

WO 2000-US18306 W 20000630 (EDPR 20010531)

ANSWER 31 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: DISINTEGRIN HOMOLOGS.

INVENTOR(S): SHEPPARD, PAUL O.; BISHOP, PAUL D.; **DEISHER,**
THERESA A.; BAINDUR, NAND

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

CA 2332311 AA 20000120

APPLICATION INFO.: CA 1999-2332311 A 19990709

PRIORITY APPLN. INFO.: US 1998-113883 A 19980710 (EDPR 20000215)

WO 1999-US15638 W 19990709 (EDPR 20000607)

ANSWER 32 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: FGF homologs.

INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.;
RAYMOND FENELLA; BUKOWSKI THOMAS R.; HOLDERMAN SUSAN
D.; HANSEN BIRGIT; SHEPPARD PAUL O.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

US 6518236 BA 20030211

APPLICATION INFO.: US 1999-229947 A 19990113

PRIORITY APPLN. INFO.: US 1999-229947 A 19990113 (EDPR 20030303)

US 1997-951822 A2 19971016 (EDPR 20030303)

US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 33 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Novel FGF homologs.

INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.;
RAYMOND FENELLA C.; BUKOWSKI THOMAS R.; HOLDERMAN
SUSAN D.; SHEPPARD PAUL O.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

US 2003008351 AA 20030109

APPLICATION INFO.: US 2002-81347 A 20020221

PRIORITY APPLN. INFO.: US 2002-81347 A 20020221 (EDPR 20030210)

US 1999-229947 A1 19990113 (EDPR 20030210)

US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 34 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: ZSIG33-LIKE PEPTIDES.

INVENTOR(S): JASPERS, STEPHEN, R.; SHEPPARD, PAUL, O.;
DEISHER, THERESA, A.; BISHOP, PAUL, D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE



EP 1278852 A2 20030129
APPLICATION INFO.: EP 2001-937280 A 20010510
PRIORITY APPLN. INFO.: WO 2001-US15091 W 20010510 (EDPR 20020409)
US 2000-569271 A 20000511 (EDPR 20011211)

ANSWER 35 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: HUMAN THYROID PROTEIN ZSIG45.
INVENTOR(S): **DEISHER THERESA A.**; SHEPPARD PAUL O.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 6500925 BA 20021231
APPLICATION INFO.: US 2000-522980 A 20000310
PRIORITY APPLN. INFO.: US 2000-522980 A 20000310 (EDPR 20030128)
US 1998-203623 A3 19981201 (EDPR 20030128)
US 1997-67263P P 19971203 (EDPR 20001128)

ANSWER 36 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: FIBROBLAST GROWTH FACTOR HOMOLOGS.
INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C;
RAYMOND FENELLA C; BUKOWSKI THOMAS R; HOLDERMAN SUSAN
D; HANSEN BRIGIT; SHEPPARD PAUL O
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

KR 2000049207 A 20000725
APPLICATION INFO.: KR 1999-703306 T 19990416
PRIORITY APPLN. INFO.: US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 37 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: ANTIBODIES AND METHODS OF MAKING ANTIBODIES TO HUMAN
THYROID PROTEIN ZSIG45.

INVENTOR(S): **DEISHER THERESA A.**; SHEPPARD PAUL O.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 6486304 BA 20021126
APPLICATION INFO.: US 2000-523462 A 20000310
PRIORITY APPLN. INFO.: US 2000-523462 A 20000310 (EDPR 20021216)
US 1998-320623 A3 19981201 (EDPR 20021216)
US 1997-67263P P 19971203 (EDPR 20001128)

ANSWER 38 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Testis specific transcription factor ZGCL-1.
INVENTOR(S): YEE DAVID P.; **DEISHER THERESA A.**
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 2002160487 AA 20021031
APPLICATION INFO.: US 2001-14137 A 20011206
PRIORITY APPLN. INFO.: US 2001-14137 A 20011206 (EDPR 20021119)
US 1998-137223 A3 19980819 (EDPR 20021119)
US 1997-56130P P 19970819 (EDPR 19990712)

ANSWER 39 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: USE OF TUMOR NECROSIS FACTOR INHIBITORS TO TREAT
CARDIOVASCULAR DISEASE.

INVENTOR(S): WARREN, MARSHELLE, S.; **DEISHER, THERESA, A.**
PATENT ASSIGNEE(S): IMMUNEX CORPORATION; WARREN, MARSHELLE, S.;
DEISHER, THERESA, A.

PATENT INFORMATION: NUMBER KIND DATE



APPLICATION INFO.: WO 2002080847 A3 20030925
WO 2002-US10517 A 20020403
PRIORITY APPLN. INFO.: US 2001-282244P P 20010406 (EDPR 20021111)

ANSWER 40 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Disintegrin homologs.
INVENTOR(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.

PATENT ASSIGNEE(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.

PATENT INFORMATION: NUMBER KIND DATE

US 2002137178 AA 20020926
APPLICATION INFO.: US 2001-809617 A 20010315
PRIORITY APPLN. INFO.: US 2001-809617 A 20010315 (EDPR 20021014)
US 1999-351414 A3 19990709 (EDPR 20021014)
US 1998-92371P P 19980710 (EDPR 20010813)

ANSWER 41 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: METHOD OF FORMING A PEPTIDE-RECEPTOR COMPLEX WITH ZSIG33 AND THERAPEUTIC USE THEREOF.

INVENTOR(S): SHEPPARD, PAUL, O.; JASPERS, STEPHEN, R.; **DEISHER, THERESA, A.**; BISHOP, PAUL, D.; CONKLIN, DARRELL C.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

EP 1232175 A2 20020821
APPLICATION INFO.: EP 2000-982197 A 20001122
PRIORITY APPLN. INFO.: WO 2000-US32074 W 20001122 (EDPR 20011009)
US 1999-166765P P 19991122 (EDPR 20010618)

ANSWER 42 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Human transcription factor ZGCL-1.

INVENTOR(S): YEE DAVID P.; **DEISHER THERESA A.**

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

US 6420525 BA 20020716
APPLICATION INFO.: US 1998-137223 A 19980819
PRIORITY APPLN. INFO.: US 1998-137223 A 19980819 (EDPR 20020802)
US 1997-56130P P 19970819 (EDPR 19990712)

ANSWER 43 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Short gastrointestinal peptides.

INVENTOR(S): SHEPPARD PAUL O.; JASPERS STEPHEN R.; **DEISHER THERESA A.**; BISHOP PAUL D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION: NUMBER KIND DATE

US 6420521 BA 20020716
APPLICATION INFO.: US 2000-608810 A 20000630
PRIORITY APPLN. INFO.: US 2000-608810 A 20000630 (EDPR 20020802)
US 1999-141592P P 19990630 (EDPR 20020802)

ANSWER 44 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: Disintegrin homologs.

INVENTOR(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.

PATENT ASSIGNEE(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.

PATENT INFORMATION: NUMBER KIND DATE



APPLICATION INFO.: US 2002072102 AA 20020613
PRIORITY APPLN. INFO.: US 2001-809790 A 20010316
US 2001-809790 A 20010316 (EDPR 20020701)
US 1999-351414 A1 19990709 (EDPR 20020701)
US 1998-92371P P 19980710 (EDPR 20010813)

ANSWER 45 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: Zsig33-like peptides.
INVENTOR(S): JASPERS STEPHEN R.; SHEPPARD PAUL O.; **DEISHER**
THERESA A.; BISHOP PAUL D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

APPLICATION INFO.: US 6897286 BB 20050524
PRIORITY APPLN. INFO.: US 2001-853253 A 20010510
US 2001-853253 A 20010510 (EDPR 20020611)
US 2000-203300P P 20000511 (EDPR 20020611)

ANSWER 46 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: MOTILIN HOMOLOG DESIGNATED ZSIG33 FOR TREATING
GASTROINTESTINAL CELL CONTRACTILITY, SECRETION OF DIGESTIVE ENZYMES,
GASTROINTESTINAL MOTILITY, RECRUITMENT OF DIGESTIVE ENZYMES, REFLUX
DISEASE AND REGULATION OF NUTRIENT ABSORPTION.

INVENTOR(S): SHEPPARD, PAUL O; **DEISHER, THERESA A**

PATENT ASSIGNEE(S): ZYMOGENETICS, INC
PATENT INFORMATION: NUMBER KIND DATE

APPLICATION INFO.: NZ 337958 A 20010330
PRIORITY APPLN. INFO.: NZ 1998-337958 A 19980323
US 1997-822897 A 19970324 (EDPR 19990427)
US 1997-41102P P 19970324 (EDPR 19990427)
WO 1998-US5620 W 19980323 (EDPR 19990706)

ANSWER 47 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219C.

INVENTOR(S): BLUMBERG, HAL; CONKLIN, DARRELL C.; **DEISHER,**
THERESA A.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

APPLICATION INFO.: CA 2320399 AA 19990527
PRIORITY APPLN. INFO.: CA 1998-2320399 A 19981104
US 1997-66157P P 19971119 (EDPR 19990722)
WO 1998-US23524 W 19981104 (EDPR 19990916)

ANSWER 48 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: TESTIS-SPECIFIC TRANSCRIPTION FACTOR ZGCL-1.

INVENTOR(S): **DEISHER, THERESA A.**; YEE, DAVID P.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

APPLICATION INFO.: CA 2301043 AA 19990225
PRIORITY APPLN. INFO.: CA 1998-2301043 A 19980819
US 1997-56130P P 19970819 (EDPR 19990712)
WO 1998-US17243 W 19980819 (EDPR 19990721)

ANSWER 49 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: SGIP PEPTIDES.

INVENTOR(S): SHEPPARD, PAUL, O.; JASPERS, STEPHEN, R.;
DEISHER, THERESA, A.; BISHOP, PAUL, D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.

PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	EP 1190059	A1	20020327	
APPLICATION INFO.:	EP 2000-945123	A	20000630	
PRIORITY APPLN. INFO.:	WO 2000-US18306	W	20000630	(EDPR 20010531)
	US 1999-345157	A	19990630	(EDPR 20010123)

ANSWER 50 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: CARDIAC-DERIVED STEM CELLS.
 INVENTOR(S): **DEISHER, THERESA A.**; HANSEN, BIRGIT;
 ROBERSON, TAMARA L.; THOMPSON, DEBORAH L.; MOORE, EMMA
 E.; LUM, KAREN D.

PATENT ASSIGNEE(S):	ZYMOGENETICS, INC.			
PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	CA 2324350	AA	19990930	
APPLICATION INFO.:	CA 1999-2324350	A	19990323	
PRIORITY APPLN. INFO.:	US 1998-79132P	P	19980323	(EDPR 19991027)
	WO 1999-US6356	W	19990323	(EDPR 20000215)

ANSWER 51 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: FGF Homologs.
 INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.;
 RAYMOND FENELLA; BUKOWSKI THOMAS R.; HOLDERMAN SUSAN
 D.; HANSEN BIRGIT; SHEPPARD PAUL O.

PATENT ASSIGNEE(S):	ZYMOGENETICS, INC.			
PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	US 6352971	BA	20020305	
APPLICATION INFO.:	US 1999-368951	A	19990805	
PRIORITY APPLN. INFO.:	US 1999-368951	A	19990805	(EDPR 20020325)
	US 1997-951822	A3	19971016	(EDPR 20020325)
	US 1996-28646P	P	19961016	(EDPR 19990317)

ANSWER 52 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: HUMAN THYROID PROTEIN ZSIG45 AND DNA ENCODING SAME.
 INVENTOR(S): **DEISHER, THERESA A.**; SHEPPARD, PAUL O.

PATENT ASSIGNEE(S):	ZYMOGENETICS, INC.			
PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	CA 2312048	AA	19990610	
APPLICATION INFO.:	CA 1998-2312048	A	19981201	
PRIORITY APPLN. INFO.:	US 1997-984638	A	19971203	(EDPR 19990723)
	WO 1998-US25454	W	19981201	(EDPR 19990928)

ANSWER 53 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: ZSIG33-LIKE PEPTIDES.
 INVENTOR(S): JASPERS, STEPHEN, R.; SHEPPARD, PAUL, O.;
DEISHER, THERESA, A.; BISHOP, PAUL, D.

PATENT ASSIGNEE(S):	ZYMOGENETICS, INC.			
PATENT INFORMATION:	NUMBER	KIND	DATE	
	-----	-----	-----	
	WO 2001087933	A3	20020711	
APPLICATION INFO.:	WO 2001-US15091	A	20010510	
PRIORITY APPLN. INFO.:	US 2000-569271	A	20000511	(EDPR 20011211)

ANSWER 54 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: Motilin Homologs.
 INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**; BISHOP
 PAUL D.; JASPERS STEPHEN R.; LABROO VIRENDER M.

PATENT ASSIGNEE(S):	ZYMOGENETICS, INC.			
PATENT INFORMATION:	NUMBER	KIND	DATE	

 APPLICATION INFO.: US 6838438 BB 20050104
 PRIORITY APPLN. INFO.: US 2001-794987 A 20010227
 US 2001-794987 A 20010227 (EDPR 20011203)
 US 1998-46479 A3 19980323 (EDPR 20011203)
 US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 55 OF 82 INPADO COPYRIGHT 2006 EPO on STN
 TITLE: DISINTEGRIN HOMOLOGS.
 INVENTOR(S): SHEPPARD, PAUL, O.; BAINDUR, NAND; **DEISHER, THERESA, A.**; BISHOP, PAUL, D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 APPLICATION INFO.: EP 1144441 A3 20011128
 EP 1999-933873 A 19990709
 PRIORITY APPLN. INFO.: WO 1999-US15638 W 19990709 (EDPR 20000607)
 US 1998-113883 A 19980710 (EDPR 20000215)

ANSWER 56 OF 82 INPADO COPYRIGHT 2006 EPO on STN
 TITLE: ANTIBODIES TO MOTILIN HOMOLOGS.
 INVENTOR(S): SHEPPARD PAUL O.; **DEISHER THERESA A.**

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 APPLICATION INFO.: US 6291653 BA 20010918
 US 1998-46479 A 19980323
 PRIORITY APPLN. INFO.: US 1998-46479 A 19980323 (EDPR 20011009)
 US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 57 OF 82 INPADO COPYRIGHT 2006 EPO on STN
 TITLE: Disintegrin homologs.
 INVENTOR(S): SHEPPARD PAUL O.; BAINDUR NAND; **DEISHER THERESA A.**; BISHOP PAUL D.; TAFT DAVID W.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 APPLICATION INFO.: US 6265199 BA 20010724
 US 1999-351414 A 19990709
 PRIORITY APPLN. INFO.: US 1999-351414 A 19990709 (EDPR 20010813)
 US 1998-92371P P 19980710 (EDPR 20010813)

ANSWER 58 OF 82 INPADO COPYRIGHT 2006 EPO on STN
 TITLE: METHOD OF FORMING A PEPTIDE-RECEPTOR COMPLEX WITH ZSIG33 AND THERAPEUTIC USE THEREOF.

INVENTOR(S): SHEPPARD, PAUL, O.; JASPERS, STEPHEN, R.; **DEISHER, THERESA, A.**; BISHOP, PAUL, D.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 APPLICATION INFO.: WO 2001038355 A3 20011122
 WO 2000-US32074 A 20001122
 PRIORITY APPLN. INFO.: US 1999-166765P P 19991122 (EDPR 20010618)

ANSWER 59 OF 82 INPADO COPYRIGHT 2006 EPO on STN
 TITLE: SGIP PEPTIDES.
 INVENTOR(S): SHEPPARD, PAUL, O.; JASPERS, STEPHEN, R.; **DEISHER, THERESA, A.**; BISHOP, PAUL, D.

PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 2001000830 A1 20010104



APPLICATION INFO.: WO 2000-US18306 A 20000630
PRIORITY APPLN. INFO.: US 1999-345157 A 19990630 (EDPR 20010123)

ANSWER 60 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: CARDIAC-DERIVED STEM CELLS.
INVENTOR(S): **DEISHER, THERESA, A.**; HANSON, BIRGIT; MOORE,
EMMA, E.; ROBERTSON, TAMARA, L.; THOMPSON, DEBORAH,
L.; LUM, KAREN, D.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

EP 1064356 A2 20010103
APPLICATION INFO.: EP 1999-912853 A 19990323
PRIORITY APPLN. INFO.: WO 1999-US6356 W 19990323 (EDPR 20000215)
US 1998-79132P P 19980323 (EDPR 19991027)

ANSWER 61 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: HUMAN THYROID PROTEIN ZSIG45.
INVENTOR(S): **DEISHER, THERESA A.**; SHEPPARD, PAUL O.
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

US 6140084 A 20001031
APPLICATION INFO.: US 1998-203623 A 19981201
PRIORITY APPLN. INFO.: US 1998-203623 A 19981201 (EDPR 20001128)
US 1997-67263P P 19971203 (EDPR 20001128)

ANSWER 62 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: HUMAN THYROID PROTEIN ZSIG45 AND DNA ENCODING SAME.
INVENTOR(S): SHEPPARD, PAUL, O.; **DEISHER, THERESA, A.**
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

EP 1042465 A1 20001011
APPLICATION INFO.: EP 1998-959647 A 19981201
PRIORITY APPLN. INFO.: WO 1998-US25454 W 19981201 (EDPR 19990928)
US 1997-984638 A 19971203 (EDPR 19990723)

ANSWER 63 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219C.
INVENTOR(S): CONKLIN, DARRELL, C.; BLUMBERG, HAL; **DEISHER, THERESA, A.**
PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
PATENT INFORMATION: NUMBER KIND DATE

EP 1032665 A1 20000906
APPLICATION INFO.: EP 1998-956578 A 19981104
PRIORITY APPLN. INFO.: WO 1998-US23524 W 19981104 (EDPR 19990916)
US 1997-66157P P 19971119 (EDPR 19990722)

ANSWER 64 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
TITLE: HUMANTYROIDPROTEIN ZSIG45 OG DNA SOM KODER FOR DETTE.
INVENTOR(S): **DEISHER, THERESA A.**; SHEPPARD, PAUL O.
PATENT ASSIGNEE(S): ZYMOGENETICS INC
PATENT INFORMATION: NUMBER KIND DATE

NO 2000002832 A 20000720
APPLICATION INFO.: NO 2000-2832 A 20000602
PRIORITY APPLN. INFO.: US 1997-984638 A 19971203 (EDPR 19990723)
WO 1998-US25454 W 19981201 (EDPR 19990928)

ANSWER 65 OF 82 INPADOC COPYRIGHT 2006 EPO on STN

TITLE: TESTIS-SPECIFIC TRANSCRIPTION FACTOR ZGCL-1.
 INVENTOR(S): YEE, DAVID, P.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS
 PATENT INFORMATION: NUMBER KIND DATE

 EP 1007674 A1 20000614
 APPLICATION INFO.: EP 1998-942147 A 19980819
 PRIORITY APPLN. INFO.: WO 1998-US17243 W 19980819 (EDPR 19990721)
 US 1997-56130P P 19970819 (EDPR 19990712)

ANSWER 66 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: ISOLATED POLYNUCLEOTIDE MOLECULE ENCODING HOMOLOGOUS
 POLYPEPTIDE OF FIBROBLAST GROWTH FACTOR (FGF), PROCESS OF ITS PREPARATION
 AND ANTIBODIES AGAINST ZFGF-5 POLYPEPTIDE.
 INVENTOR(S): **DEISHER THERESA A.**; CONKLIN DARRELL C.;
 RAYMOND FENELLA C.; BUKOWSKI THOMAS R.; HOLDERMAN
 SUSAN D.; HANSEN BRIGIT; SHEPPARD PAUL O.
 PATENT ASSIGNEE(S): ZYMOGENETICS
 PATENT INFORMATION: NUMBER KIND DATE

 CZ 9901315 A3 19991117
 APPLICATION INFO.: CZ 1999-1315 A 19971016
 PRIORITY APPLN. INFO.: US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 67 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: MOTILIN HOMOLOGS.
 INVENTOR(S): SHEPPARD, PAUL, O.; **DEISHER, THERESA A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 EP 975760 A1 20000202
 APPLICATION INFO.: EP 1998-911928 A 19980323
 PRIORITY APPLN. INFO.: WO 1998-US5620 W 19980323 (EDPR 19990706)
 US 1997-822897 A 19970324 (EDPR 19990427)
 US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 68 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: DISINTEGRIN HOMOLOGS.
 INVENTOR(S): SHEPPARD, PAUL, O.; BAINDUR, NAND; **DEISHER,**
THERESA, A.; BISHOP, PAUL, D.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 2000002912 A3 20010907
 APPLICATION INFO.: WO 1999-US15638 A 19990709
 PRIORITY APPLN. INFO.: US 1998-113883 A 19980710 (EDPR 20000215)

ANSWER 69 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: FGF HOMOLOGS.
 INVENTOR(S): **DEISHER, THERESA A.**; CONKLIN, DARRELL C.;
 RAYMOND, FENELLA; BUKOWSKI, THOMAS R.; HOLDERMAN,
 SUSAN D.; HANSEN, BIRGIT; SHEPPARD, PAUL O.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 US 5989866 A 19991123
 APPLICATION INFO.: US 1997-951822 A 19971016
 PRIORITY APPLN. INFO.: US 1997-951822 A 19971016 (EDPR 20000131)
 US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 70 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: NOVEL HOMOLOGUES OF FIBROBLAST GROWTH FACTOR.

INVENTOR(S) : **DEISHER THERESA A.**; CONKLIN DARRELL C.;
 RAYMOND FENELLA; BUKOWSKI THOMAS R.; HOLDERMAN SUSAN
 D.; HANSEN BIRGIT; SHEPPARD PAUL O.
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 PL 332851 A1 19991025
 APPLICATION INFO.: PL 1997-332851 A 19971016
 PRIORITY APPLN. INFO.: US 1996-28646P P 19961016 (EDPR 19990317)

ANSWER 71 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: MOTILINHOMOLOGER.
 INVENTOR(S) : SHEPPARD, PAUL O.; **DEISHER, THERESA A.**
 PATENT ASSIGNEE(S) : ZYMOGENETICS INC
 PATENT INFORMATION: NUMBER KIND DATE

 NO 9904614 A 19991123
 APPLICATION INFO.: NO 1999-4614 A 19990923
 PRIORITY APPLN. INFO.: US 1997-822897 A 19970324 (EDPR 19990427)
 US 1997-41102P P 19970324 (EDPR 19990427)
 WO 1998-US5620 W 19980323 (EDPR 19990706)

ANSWER 72 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: CARDIAC-DERIVED STEM CELLS.
 INVENTOR(S) : **DEISHER, THERESA, A.**; HANSON, BIRGIT; MOORE,
 EMMA, E.; ROBERTSON, TAMARA, L.; THOMPSON, DEBORAH,
 L.; LUM, KAREN, D.
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.; **DEISHER, THERESA**
, A.; HANSON, BIRGIT; MOORE, EMMA, E.;
 ROBERTSON, TAMARA, L.; THOMPSON, DEBORAH, L.; LUM,
 KAREN, D.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9949015 A3 19991216
 APPLICATION INFO.: WO 1999-US6356 A 19990323
 PRIORITY APPLN. INFO.: US 1998-79132P P 19980323 (EDPR 19991027)

ANSWER 73 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: TREATMENT AGENTS AND METHODS FOR TREATING TYPE II
 DIABETES AND SYMPTOMS OF TYPE II DIABETES.
 INVENTOR(S) : **DEISHER, THERESA A.**
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 US 5929058 A 19990727
 APPLICATION INFO.: US 1997-995739 A 19971219
 PRIORITY APPLN. INFO.: US 1997-995739 A 19971219 (EDPR 19990901)
 US 1996-34505P P 19961224 (EDPR 19990317)

ANSWER 74 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: FIBROBLAST GROWTH FACTOR HOMOLOGS.
 INVENTOR(S) : **DEISHER, THERESA, A.**; CONKLIN, DARRELL, C.;
 RAYMOND, FENELLA, C.; BUKOWSKI, THOMAS, R.; HOLDERMAN,
 SUSAN, D.; HANSEN, BRIGIT; SHEPPARD, PAUL, O.
 PATENT ASSIGNEE(S) : ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 EP 931148 B1 20060301
 APPLICATION INFO.: EP 1997-910128 A 19971016
 PRIORITY APPLN. INFO.: WO 1997-US18635 W 19971016 (EDPR 19990317)
 US 1996-28646P P 19961016 (EDPR 19990317)



ANSWER 75 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: HUMAN THYROID PROTEIN ZSIG45 AND DNA ENCODING SAME.
 INVENTOR(S): SHEPPARD, PAUL, O.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9928467 A1 19990610
 APPLICATION INFO.: WO 1998-US25454 A 19981201
 PRIORITY APPLN. INFO.: US 1997-984638 A 19971203 (EDPR 19990723)

ANSWER 76 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219C.
 INVENTOR(S): CONKLIN, DARRELL, C.; BLUMBERG, HAL; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9925828 A1 19990527
 APPLICATION INFO.: WO 1998-US23524 A 19981104
 PRIORITY APPLN. INFO.: US 1997-66157P P 19971119 (EDPR 19990722)

ANSWER 77 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: TESTIS-SPECIFIC TRANSCRIPTION FACTOR ZGCL-1.
 INVENTOR(S): YEE, DAVID, P.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9909168 A1 19990225
 APPLICATION INFO.: WO 1998-US17243 A 19980819
 PRIORITY APPLN. INFO.: US 1997-56130P P 19970819 (EDPR 19990712)

ANSWER 78 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: USE OF FACTOR XIII FOR THE MANUFACTURE OF A MEDICAMENT
 FOR THE TREATMENT OF REPERFUSION INJURY AND MUCOSAL DAMAGE.
 INVENTOR(S): **DEISHER, THERESA, A.**; BISHOP, PAUL, D.; GARCIA, RICHARD, M.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9851333 A1 19981119
 APPLICATION INFO.: WO 1998-US9742 A 19980512
 PRIORITY APPLN. INFO.: US 1997-46468P P 19970514

ANSWER 79 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: MOTILIN HOMOLOGS.
 INVENTOR(S): SHEPPARD, PAUL, O.; **DEISHER, THERESA, A.**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9842840 A1 19981001
 APPLICATION INFO.: WO 1998-US5620 A 19980323
 PRIORITY APPLN. INFO.: US 1997-822897 A 19970324 (EDPR 19990427)
 US 1997-41102P P 19970324 (EDPR 19990427)

ANSWER 80 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: TREATMENT AGENTS AND METHODS FOR TREATING TYPE II
 DIABETES AND SYMPTOMS OF TYPE II DIABETES.
 INVENTOR(S): **DEISHER, THERESA**
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION: NUMBER KIND DATE

 WO 9827986 A1 19980702
 APPLICATION INFO.: WO 1997-US24237 A 19971219
 PRIORITY APPLN. INFO.: US 1996-34505P P 19961224 (EDPR 19990317)

ANSWER 81 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: FIBROBLAST GROWTH FACTOR HOMOLOGS.
 INVENTOR(S): **DEISHER, THERESA, A.**; CONKLIN, DARRELL, C.;
 RAYMOND, FENELLA, C.; BUKOWSKI, THOMAS, R.; HOLDERMAN,
 SUSAN, D.; HANSEN, BRIGIT; SHEPPARD, PAUL, O.
 PATENT ASSIGNEE(S): ZYMOGENETICS, INC.
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9816644	A1	19980423
APPLICATION INFO.: WO 1997-US18635	A	19971016
PRIORITY APPLN. INFO.: US 1996-28646P	P	19961016 (EDPR 19990317)

ANSWER 82 OF 82 INPADOC COPYRIGHT 2006 EPO on STN
 TITLE: FIBROBLASTVEKSTFAKTORHOMOLOGER.
 INVENTOR(S): **DEISHER, THERESA A.**; CONKLIN, DARRELL C.;
 RAYMOND, FENELLA; BUKOWSKI, THOMAS R.; HOLDERMAN,
 SUSAN D.; HANSEN, BIRGIT; SHEPPARD, PAUL O.
 PATENT ASSIGNEE(S): ZYMOGENETICS INC
 PATENT INFORMATION:

NUMBER	KIND	DATE
NO 9901796	A	19990616
APPLICATION INFO.: NO 1999-1796	A	19990415
PRIORITY APPLN. INFO.: US 1996-28646P	P	19961016
WO 1997-US18635	W	19971016

