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	Pat #	Exp Date	TITLE
Agbiotech	6551820	12/23/2018	1 Expression of Immunogenic Hepatitis B Surface Antigens in Transgenic Plants
Antivirals	6319501 5856087 5846706 5744135 5668253 5569583 5563125 5531990 5484911 5180714 5008252	11/20/2018 12/15/2013 12/8/2015 12/15/2013 9/16/2014 4/25/2015 10/8/2013 12/15/2013 4/1/2013 1/19/2010 4/16/2008	2 Method of Immunizing Against Hepatitis B Virus 3 Method for Detecting Immune Response to Hepatitis B 4 Rapid and Sensitive Detection of Herpes Simplex Virus 5 Method of Raising an Immune Response With an Anti-Idiotypic Antibody Having 6 Peptide Having Antigenic Properties Similar to a Determinant of Hepatitis B Surf 7 Rapid and Sensitive Detection of Cytomegalovirus 8 5'-deoxy-5'-(substituted)alkylthioribose Compounds and Their Pharmaceutical C 9 Method of Raising an Immune Response With an Anti-Idiotypic Antibody Having 10 Nucleoside 5'-diphosphate Conjugates of Ether Lipids 11 Adenosine Compounds for the Treatment of Diseases Caused by Parasitic Prot 12 Process for Inhibiting Herpes Simplex Virus-Specified Thymidine Kinase
Biosensors	5919576	11/21/2017	13 Immobilized Biological Membranes
Cancer diagnostics	6752769 5912147 5906918 5652105 5498522 5436144 5238834	6/26/2021 10/22/2016 2/7/2017 7/28/2015 3/12/2013 7/25/2012 8/24/2010	14 Core Bite Biopsy Needle 15 Rapid Means of Quantitating Genomic Instability 16 Compositions and Methods for Measurement of Oxidative DNA Damage 17 Substrate for Detection of Mammalian 5-C-DNA Methyltransferase 18 Methods for the Use of Spermidine/spermine N.sup.1 -acetyltransferase as a Pr 19 Process for Performing PCR in Mammalian Cells 20 CDNA Cloning Vectors
Cancer diagnostics-PSA	6692643 6475389 6379550	8/19/2022 8/10/2020 10/3/2020	21 Method for Detecting PSA and its Molecular Forms Using Thiophilic Gel on Mag 22 Method for Detection of Prostate Specific Membrane Antigen in Serum 23 Method for Detecting PSA and its Molecular Forms Using Thiophilic Gel
Cancer vaccines	6998237 6939948 5871936 5798445 5652114 5503984 5441871 5407805 4939240	10/26/2022 3/26/2022 7/29/2014 8/25/2015 7/29/2014 4/13/2013 8/15/2012 4/18/2012 7/3/2007	24 GD3 Peptide Mimics 25 GD2 Peptide Mimics 26 Methods of Use of a Ductal Carcinoma Antigen 27 Purified Ductal Carcinoma Antigen 28 Diagnostic Immunoassay Methods Using Monoclonal Antibody F36/22 Which is 29 Hybridoma Producing Monoclonal Antibody F4 Which Specifically Binds to Multi 30 Monoclonal Antibody Reactive to Human Leukemia and Lymphoma Cells and M 31 Monoclonal Antibody Reactive to Various Human Leukemia and Lymphoma Cel 32 Monoclonal Antibodies to Human Breast Carcinoma Cells and Their Use in Diag
Cancer-HSP	6984384	6/30/2020	33 Stress Protein Compositions and Methods for Prevention and Treatment of Can
Chemotherapeutics	7097836 6977271 6939893 6620779 6426094 6171620 6042826 5972907 5811452 5620864 5438124 5393737 5286726 4918056	12/2/2022 8/30/2021 1/4/2023 4/17/2019 4/27/2019 4/27/2019 11/15/2016 10/31/2017 1/8/2017 4/15/2014 8/1/2012 8/20/2012 2/15/2011 4/17/2007	34 Method for increasing the efficacy of anti-tumor agents by anti-endoglin antibody 35 Method for Inhibition of Angiogenesis and Vasculogenesis 36 Method of Reducing Toxicity of Anticancer Agents 37 Method of Enhancing the Efficacy of Anti-Tumor Agents 38 Method of Enhancing the Efficacy of Anti-Tumor Agents 39 Method of Enhancing the Efficacy of Anti-Tumor Agents 40 Method for Inducing Apoptosis of Primary Central Nervous System B cell Lymph 41 Synthetic Core 2-like Branched Structures Containing GalNAc-lewis.sup.x and N 42 Taxoid Reversal Agents for Drug-Resistance in Cancer Chemotherapy and Pha 43 Acceptor for Fucosyl Transferase 44 Glycosylating Reagent for the Synthesis of Linear and Other .alpha.-L-fucosyl OI 45 Cytotoxic Drug Conjugates for Treatment of Neoplastic Diseases 46 Difluoroglumatic Acid Conjugates with Folates and Anti-Folates for the Treatment 47 2-substituted Arabinopyranosyl Nucleosides and Nucleotides

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Cytokines	6197744	9/21/2018	48 Tumor Necrosis Factor Inhibitory Protein Tip B1 and Method of Using Same
	5342613	8/30/2011	49 Pharmaceutical Compositions and Use Thereof in the Treatment of Psoriasis
	5136021	8/4/2009	50 TNF-inhibitory Protein and a Method of Production
	4857314	8/15/2006	51 C-reactive Proteins in Treatment of Animal and Human Cancers
Diagnostics	6383138	2/25/2020	52 Method for Transdermal Sampling of Analytes
Drug delivery	6537265	6/8/2021	53 Method for Nasal Application of a Medicinal Substance
Gene therapy	6965009	12/27/2014	54 p53as Protein and Antibody Therefor
	6531512	7/31/2018	55 Method of Treating Cancer in Patients Having a Deficiency in p53 Tumor Suppre
	6518012	4/2/2019	56 Method for Regulating the Expression of MHC Antigens and CD40 by Inhibitors
	6413775	7/16/2019	57 Polyamine Analog-Activated SSAT Gene Therapy
	6187588	11/24/2019	58 Method for Increasing the Efficiency of Transfection
	5789213	8/4/2015	59 Method and Compositions for High Efficiency Loading, Transfection and Fusion
	5747650	11/18/2014	60 p53 as Protein and Antibody Therefor
	5726024	8/2/2013	61 p53 as Protein and Antibody Therefor
	5688918	11/18/2014	62 p53 as Protein and Antibody Therefor
	5681706	3/1/2016	63 Mammalian Anoxia-Responsive Regulatory Element
5650305	5/15/2016	64 Method to Produce Hybrid Cells by Electrofusion	
Liposomal delivery	6991805	4/26/2023	65 Temperature Sensitive Control of Liposome-Cell Adhesion
	6964778	5/6/2023	66 Temperature Controlled Content Release from Liposomes
Lysosomal diseases	5433946	7/18/2012	67 Synthesis and Utilization of Therapeutic Agents for the Treatment of Lysosomal
	5284934	4/24/2011	68 Synthesis and Utilization of Carbohydrate-binding Polymer-lectin Conjugates
Medical Imaging	6534040	12/23/2019	69 Chlorin and Bacteriochlorin-based aminophenyl DTPA and N2S2 Conjugates for
	5397777	3/14/2012	70 Meso poly(4-sulfonatophenyl) Porphines as MRI Image Enhancing Agents
	5236915	8/17/2010	71 Meso poly(4-sulfonatophenyl) Porphines as MRI Image Enhancing Agents
Photodynamic therapy	RE38994	2/28/2023	72 Pyropheophorbides conjugates and their use in photodynamic therapy -- Reissu
	7097826	8/7/2020	73 Chlorin and bacteriochlorin-based difunctional aminophenyl DTPA and N.sub.2S
	7078014	7/21/2020	74 Method for using chlorin and bacteriochlorin-based aminophenyl DTPA and N.su
	6868221	5/8/2022	75 Fiber Optic Positioner
	6849607	5/9/2021	76 Galectin Recognized Photosensitizers for Photodynamic Therapy
	6782167	6/7/2022	77 Light Beam Splitter
	6624187	6/12/2020	78 Long Wave Length Absorbing Bacteriochlorin Alkyl Ether Analogs
	6495585	4/10/2021	79 Method for Treating Hyperproliferative Tissue in a Mammal
	6103751	6/22/2018	80 Carotene Analogs of Porphyrins, Chlorins and Bacteriochlorins as Therapeutic a
	6084717	8/3/2019	81 Laser Beam Splitter
	5952366	3/8/2016	82 Alkyl ether Analogs of Chlorins Having an N-substituted Imide Ring
	5864035	3/8/2016	83 Synthesis of Isoimide of Chlorins and Bacteriochlorins and Their Use for Diagno
	5770730	3/8/2016	84 Synthesis of Carbodimide Analogs of Chlorins and Bacteriochlorins and Their U:
	5671317	7/16/2016	85 Fiber Optic Positioner
	5591847	5/23/2014	86 Long Wavelength Absorbing Photosensitizers Related to Purpurin-18, Bacterio
	5498710	4/22/2014	87 Alkyl ether Analogues of Benzoporphyrin Derivatives
	5459159	10/17/2012	88 Pyropheophorbides and Their Use in Photodynamic Therapy
	5403308	4/4/2012	89 Submersible Lens Fiberoptic Assembly for Use in PDT Treatment
	5314905	5/24/2011	90 Pyropheophorbides Conjugates and Their Use in Photodynamic Therapy
	5257970	11/2/2020	91 In situ Photodynamic Therapy
5219345	6/15/2010	92 Backscatter Monitoring System	
5205291	5/12/2009	93 In Vivo Fluorescence Photometer	
5198460	3/30/2010	94 Pyropheophorbides and Their Use in Photodynamic Therapy	
5190966	3/2/2010	95 Purified Hematoporphyrin Dimers and Trimers Useful in Photodynamic Therapy	

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Photodynamic therapy	5190536	3/2/2010	96 Submersible Lens fiberoptic Assembly for Use in PDT Treatment
	5173504	12/22/2009	97 Bacteriochlorophyll-a Derivatives Useful in Photodynamic Therapy
	5171741	12/15/2009	98 Bacteriochlorophyll-a Derivatives Useful in Photodynamic Therapy
	5111821	5/12/2009	99 Fluorometric Method for Detecting Abnormal Tissue Using Dual Long-Wavelength
	5093349	3/3/2009	100 Photosensitizing Agents
	5074632	12/24/2008	101 Fiber Optic Diffusers and Methods for Manufacture of the Same
	5062431	11/5/2008	102 In Vivo Fluorescence Photometer
	5015463	5/14/2008	103 Method to Diagnose the Presence or Absence of Tumor Tissue
	5002962	3/26/2008	104 Photosensitizing Agents
Research tools	6284239	11/13/2015	105 Murine model for human carcinoma
	5986170	11/13/2015	106 Murine model for human carcinoma
	5723719	3/3/2015	107 Transgenic Mouse as Model for Diseases Involving Dopaminergic Dysfunction