

IC	Issue Date	Reference No.	Patent No.	Technology Title
NCATS	6/2/2015	E-294-2009	9044451	Use Of Delta-tocopherol For The Treatment Of Lysosomal Storage Disorders (LSDs). LSDs Are A Group Of 40 To 50 Genetic Rare Diseases Caused By The Genetic Mutations Of A Number Of Lysosomal Enzymes And Proteins.
	7/5/2016	E-069-2014	9382229	COMPOUNDS AND METHODS OF USE THEREOF FOR TREATING NEURODEGENERATIVE DISORDERS
	11/15/2016	E-235-2010	9492439	Retinoic Acid Receptor-related Orphan Nuclear Receptor (ROR) Gamma Isoform T (RORvt) Modulator Compounds And Uses Thereof
	5/30/2017	E-148-2012	9663485	Tocopherol Analogues As Correctors Of Lysosomal Storage Disorders
	5/29/2018	E-019-2016	9981943	Antifungal Compound Process
	6/19/2018	E-022-2016	10000465	Antifungal Compound Process
	7/10/2018	E-023-2016	10017494	Antifungal Compound Process
	8/7/2018	E-294-2009	10039741	Use Of Delta-tocopherol For The Treatment Of Lysosomal Storage Disorders (LSDs). LSDs Are A Group Of 40 To 50 Genetic Rare Diseases Caused By The Genetic Mutations Of A Number Of Lysosomal Enzymes And Proteins.
	1/8/2019	E-021-2016	10173998	Antifungal Compound Process
	5/14/2019	E-088-2016	10287279	Inhibitors Of 12/15-Lipoxygenase
	7/16/2019	E-244-2014	10351532	Small Molecule Inhibitors Of Lactate Dehydrogenase
	8/6/2019	E-148-2012	10370348	Tocopherol Analogues As Correctors Of Lysosomal Storage Disorders
	8/27/2019	E-021-2016	10392365	Antifungal Compound Process
	9/3/2019	E-020-2016	10399943	Antifungal Compound Process
	9/10/2019	E-020-2016	10407392	Antifungal Compound Process
	9/24/2019	E-023-2016	10421741	Antifungal Compound Process
	10/1/2019	E-020-2016	10428025	Antifungal Compound Process
	12/17/2019	E-004-2016	10508106	Substituted Bicyclic Heteroaryl Inhibitors Of Bromodomain-containing Protein BRD4
	2/18/2020	E-235-2010	10561666	Retinoic Acid Receptor-related Orphan Nuclear Receptor (ROR) Gamma Isoform T (RORvt) Modulator Compounds And Uses Thereof
	6/9/2020	E-026-2016	10676475	Kinetin Derivatives
7/7/2020	E-243-2014	10703746	Mutant IDH1 Inhibitors	
NCI	3/22/2005	E-001-1989	6869924	HUMAN MCAF (PURIFIED) FOR TREATING INFECTIONS AND NEOPLASMS, AND FULL LENGTH cDNA THEREOF
	6/21/2005	E-200-2001	6908738	Agents that Bind To And Inhibit Human Cytochrome P450 2C19

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	4/11/2006	E-149-1995	7026291	An Epithelial Cell Specific Growth Factor, Keratinocyte Growth Factor (KGF) (as amended)
	7/4/2006	E-094-1994	7070972	JANUS FAMILY KINASES AND IDENTIFICATION OF IMMUNE MODULATORS (JAK-3)
	7/18/2006	E-290-2000	7078176	Detection And Quantification of Cripto-1
	7/24/2007	E-124-2001	7247615	The Identification Of A Modified (Agonist) T-Cell Epitope Of The Human Prostate-Specific Antigen (PSA) That Can Enhance The...
	9/11/2007	E-085-2003	7267941	Cyanoviran Variant-Polymer Conjugates
	2/12/2008	E-091-2002	7329502	Zap70 Protein Expression in Chronic Lymphocytic Leukemia (CLL), Small Lymphocytic Lymphoma (SLL) and Likely Mantle Cell Lymphoma (MCL)...
	2/19/2008	E-317-2002	7332590	Molecular Characteristics of Non-Small Cell Lung Cancer
	4/8/2008	E-129-2001	7355012	Mutuated Anti-CD22 Antibodies with Increased Affinity To CD22 Expressing Leukemia Cells.
	9/2/2008	E-086-2001	7419957	Peptides Of A Melanoma Antigen And Their Use In Diagnostic, Prophylactic And Therapeutic Methods
	9/2/2008	E-236-2005	7420032	Identification Of A Dominant B Cell Epitope From NY-ESO-1: Implications For Antibody Detection Against Tumor-associated Antigens
	9/23/2008	E-099-1989	7427671	TYPE A PLATELET-DERIVED GROWTH FACTOR RECEPTOR (PDGFR) GENE
	12/2/2008	E-262-1999	7459536	HGF-SF Monoclonal Antibody Combinations
	1/27/2009	E-230-2002	7482133	Catalytic Domains Of Beta (1,4)-Galactosyltransferase I Having Altered Donor And Acceptor Specificities Domains, That Promote In Vitro Protein Folding And Methods For Their Use
	2/10/2009	E-060-2000	7488710	SFRP And Peptide Motifs That Interact With SFRP And Methods Of Their Use
	4/21/2009	E-038-2003	7521242	Host Cells Deficient For Mismatch Repair And Their Use In Methods For Inducing Homologous Recombination Using Single-Stranded Nucleic Acids
	4/21/2009	E-146-1999	7521054	Reduction of the Nonspecific Animal Toxicity of Immunotoxin by Mutating the framework regions of the Fv to Lower the Isoelectric Point
	6/2/2009	E-116-2003	7541035	Immunogenic Peptides And Peptide Derivatives For Prostate And Breast Cancer Treatment
	6/16/2009	E-085-2003	7547509	Cyanoviran Variant-Polymer Conjugates
	11/3/2009	E-119-2007	7611702	TNF-ALPHA BLOCKER TREATMENT FOR ENTEROCOLITIS ASSOCIATED WITH IMMUNOSTIMULATORY THERAPEUTIC ANTIBODY THERAPY
	11/3/2009	E-302-2000	7612035	Inhibition of Mitogen-Activated Protein Kinase (MAPK) Pathway As Selective Therapeutic Strategy Against Melanomas

IC	Issue Date	Reference No.	Patent No.	Technology Title
	12/29/2009	E-028-2007	7638134	Novel Insertion Sites In Pox Vectors
	3/9/2010	E-207-2004	7674621	Generation Of Plasmids With The Prophage Lamba Immunity Region, PL Promoter, And Red Genes For Transfer To Other Gram Negative Bacteria For The Purpose Of Recombineering In Those Organisms
	4/13/2010	E-113-2003	7695752	Direct Cell Target Analysis
	5/4/2010	E-108-2004	7711492	Custom Lymphoid Malignancy Diagnostc DNA Mlcroarray - Oligo Probes And Lymphoma Survival Prdiction Algorithm
	5/4/2010	E-113-2003	7709047	Direct Cell Target Analysis
	5/4/2010	E-317-2002	7709202	Molecular Characteristics of Non-Small Cell Lung Cancer
	5/18/2010	E-063-2003	7718196	Adoptive T Cell Therapy Using Rapamycin-Resistant, CD28 Co-Stimulated Th1/Th2 And Tc1/Tc2 Cells
	6/22/2010	E-093-1995	7741465	T-CELL RECEPTORS AND THEIR USE IN THERAPEUTIC AND DIAGNOSTIC METHODS
	7/6/2010	E-086-2001	7749967	Peptides Of A Melanoma Antigen And Their Use In Diagnostic, Prophylactic And Therapeutic Methods
	8/17/2010	E-129-2001	7777019	Mutuated Anti-CD22 Antibodies with Increased Affinity To CD22 Expressi ng Leukemia Cells.
	8/24/2010	E-352-2004	7781183	Small Molecule And A Pharmacophore Model For Inhibition Of Anthrax Lethal Factor
	9/7/2010	E-313-2005	7790182	A Method To Develop B-Cell Epitope Based Effective Vaccine Modalities For Smallpox For Both Immune-Competent And Immune-Compromised Individuals
	10/19/2010	E-172-1986	7815916	CLONING AND EXPRESSION OF HTLV-III DNA
	11/16/2010	E-267-2005	7833754	Optimization Of Expression Of Human Interleukin-12 (IL-12) For Vaccine And Immunotherapy
	11/23/2010	E-081-2004	7838305	Serum Autoantibody For Cancer Diagnostics
	11/23/2010	E-555-1985	7838216	HUMAN GENE RELATED TO BUT DISTINCT FROM EGF RECEPTOR GENE (erbB-2)
	2/8/2011	E-106-2003	7884178	Griffithsin, Sertulavirin And Related Proteins, Peptides, Conjugates, Antibodies, Compositions, Nucleic Acids, Vectors, Host Cells, Methods Of Production And Methods Of Using
	3/8/2011	E-021-2001	7902441	Chromosome 3p21.3 Genes Are Tumor Suppressors
	3/22/2011	E-104-2006	7910692	Cytotoxic T Lymphocyte Epitope(s) And Agonist Epitope(s) Of PAGE-4, A Novel Target For Vaccine Therapy
	4/5/2011	E-013-2002	7919607	Humanized Anti-Tag 72 CC49 For Diagnosis And Therapy of Human Carcinoma
	5/17/2011	E-181-2006	7943318	Unique MicroRNA Molecular Profiles In Lung Cancer Diagnosis And Prognosis

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	5/17/2011	E-236-2005	7943729	Identification Of A Dominant B Cell Epitope From NY-ESO-1: Implications For Antibody Detection Against Tumor-associated Antigens
	5/24/2011	E-014-2000	7947651	Secreted Frizzled Related Protein, sFRP, Fragments and Methods of Use Thereof (as filed)
	7/19/2011	E-046-2004	7982011	Improvements To BL22 Immunotoxin
	7/19/2011	E-091-2002	7981610	Zap70 Protein Expression in Chronic Lymphocytic Leukemia (CLL), Small Lymphocytic Lymphoma (SLL) and Likely Mantle Cell Lymphoma (MCL)...
	7/26/2011	E-132-2006	7985548	A Method For Improving The Therapeutic Efficacy Of Asparagine Synthetase
	8/2/2011	E-004-2005	7988971	Human Monoclonal Antibodies Against Hendra And Nipah
	8/16/2011	E-287-2004	7999077	IRTA2 ANTIBODIES AND METHODS OF USE
	8/16/2011	E-321-2003	7999071	A Human Cytolytic T Lymphocyte Epitope And Its Agonist Epitope From The Human Tumor-associated Antigen MUC-1
	8/16/2011	E-340-2004	7998736	Diagnostic Tool For Diagnosing Benign Versus Malignant Thyroid Lesions
	8/30/2011	E-160-2006	8008316	Derivatives Of 2-[2-aminoethyl)-2-methyl-ethyl]-1,2-dihydro-6-methoxy-3H-di-benz-[de,h]isoquinoline-1,3-dione As Targeted Antitumor Agents
	9/6/2011	E-042-2006	8012683	Variants In Complement Regulatory Genes Predict Age-related Macular Degeneration
	10/11/2011	E-275-2002	8034334	Immunotherapy With In Vitro-Selected Antigen-Specific Lymphocytes After Nonmyeloablative Lymphodepleting Chemotherapy
	10/18/2011	E-003-2006	8039593	Recombinant Immunotoxin Isolated By Antibody Phage Display And Invitro Affinity Maturation Target Human Glycoprotein NMB (GPNMB) And Exhibit Anti-glioma, Anti-melanoma, Or Any Other GPNMB-expressing Tumor Cytotoxic Activity
	10/25/2011	E-116-2003	8043623	Immunogenic Peptides And Peptide Derivatives For Prostate And Breast Cancer Treatment
	11/8/2011	E-296-2008	8053422	Use Of Suppressive Oligonucleotides To Reduce Host Susceptibility To Cancer
	11/29/2011	E-180-2005	8067530	Scytovirin Domain 1 (SD1), An Antiviral Protein
	12/13/2011	E-063-2003	8075921	Adoptive T Cell Therapy Using Rapamycin-Resistant, CD28 Co-Stimulated Th1/Th2 And Tc1/Tc2 Cells
	1/3/2012	E-025-2006	8088729	Antiviral Activity Of Griffithsin Against SARS And HCV
	1/3/2012	E-304-2006	8088379	Identification Of T Cell Receptors (TCR) With Altered Amino Acid Sequences That Enhance The Function Of Gene Modified T Cells
	2/7/2012	E-018-2005	8110352	Methods For Treating Beta-Catenin Splice Variant Related Cancers

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	3/6/2012	E-108-2004	8131475	A CUSTOM DNA MICROARRAY FOR MOLECULAR DIAGNOSIS AND PROGNOSIS IN HUMAN LYMPHOID MALIGNANCIES
	3/13/2012	E-286-2006	8133859	UGRP1/SCGB3A2 Is A Novel Growth Factor And Anti-apoptotic Agent
	4/3/2012	E-244-2005	8148302	Protein Microarrays On Demand
	5/1/2012	E-039-2003	8168568	Individualized Therapy Using Interdependent Protein Signal Network
	5/29/2012	E-074-2007	8188214	The Use Of Human T-box Transcription Factor Brachyury As A Target For Cancer Immunotherapy And The Identification Of Epitopes Of Human Brachyury As Targets For Tcell Mediated Lysis Of Tumors
	7/10/2012	E-104-2007	8217222	Methods For Identifying Markers For Early-stage Human Cancer, Cancer Progression And Recurrence
	7/17/2012	E-182-2008	8222225	Use Of Suppressive Oligonucleotides To Prevent/treat Silicosis And Asbestosis
	7/24/2012	E-174-2008	8227443	Therapeutic Targeting Of CSN5, A Negative Regulator Of P53 And P27, In Human Hepatocellular Carcinoma
	7/24/2012	E-185-2008	8227417	High-Mobility Group N1 Protein (HMGN1) Is An Immune Enhancer
	8/7/2012	E-227-2006	8236313	Regulating Blood Pressure Through Targeting Thrombospondin-I And CD47
	8/28/2012	E-086-2001	8252545	Peptides Of A Melanoma Antigen And Their Use In Diagnostic, Prophylactic And Therapeutic Methods
	10/16/2012	E-275-2002	8287857	Immunotherapy With In Vitro-Selected Antigen-Specific Lymphocytes After Nonmyeloablative Lymphodepleting Chemotherapy
	11/20/2012	E-004-2005	8313746	Human Monoclonal Antibodies Against Hendra And Nipah
	12/18/2012	E-060-2000	8334260	SFRP And Peptide Motifs That Interact With SFRP And Methods Of Their Use
	1/8/2013	E-233-2004	8349586	Live Microbial Microbicides
	1/22/2013	E-079-2008	8357783	Human Monoclonal Antibody Against Mesothelin
	2/26/2013	E-273-2009	8383099	CD8+ Selected Young TIL For Adoptive Cell Therapy
	3/12/2013	E-106-2003	8394764	Griffithsin, Sertulavirin And Related Proteins, Peptides, Conjugates, Antibodies, Compositions, Nucleic Acids, Vectors, Host Cells, Methods Of Production And Methods Of Using
	3/12/2013	E-186-2007	8394411	Papilloma Pseudovirus For Detection And Therapy Of Tumors
	3/26/2013	E-103-2005	8404244	Papillomavirus L2 N-terminal Peptides For The Induction Of Broadly Cross-neutralizing Antibodies
	4/9/2013	E-123-2008	8415456	Asparagine Substitution To Prevent Deamidation Of IL-15

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	4/16/2013	E-244-2004	8420776	Binding Site For The Ubiquitin Conjugating Enzyme Ube2G2 Within The Ubiquitin Ligase Gp78. Over-expression Of This Region Confers An Inhibitory Effect On Endoplasmic Reticulum (ER)-Associated Degradation (EGAD)
	4/16/2013	E-250-2007	8420620	Discovery Of A New Class Of Inhibitors That Promote The Internalization Of Specific Surface Receptors
	5/14/2013	E-285-2006	8440411	Organ And Tumor Associated Endothelial Markers
	5/21/2013	E-003-2006	8445216	Recombinant Immunotoxin Isolated By Antibody Phage Display And Invitro Affinity Maturation Target Human Glycoprotein NMB (GPNMB) And Exhibit Anti-gloima, Anti-melanoma, Or Any Other GPNMB-expressing Tumor Cytotoxic Activity
	6/11/2013	E-091-2009	8460660	Human Monoclonal Antibody Variable Fragments (Fvs) To Mesothelin
	6/11/2013	E-113-2003	8460744	Direct Cell Target Analysis
	6/18/2013	E-215-2007	8465917	MicroRNA-181 Family Members Are Involved In The Function Of Liver Cancer Stem Cells Through Beta-catenin Signaling Activation
	6/18/2013	E-328-2001	8466116	Use Of CpG Oligodeoxynucleotides To Induce Epithelial Cell Growth
	7/9/2013	E-180-2005	8481255	Scytovirin Domain 1 (SD1), An Antiviral Protein
	8/6/2013	E-166-2007	8501912	Discovery Of And Use Of Fragments Of DOC1 As Antiangiogenic And Antitumor Therapy
	8/6/2013	E-286-2006	8501688	UGRP1/SCGB3A2 Is A Novel Growth Factor And Anti-apoptotic Agent
	8/13/2013	E-181-1999	8506947	Combined Growth Factor-Deleted and Thymidine Kinase-Deleted Vaccinia Virus Vector
	9/3/2013	E-071-2009	8524248	Production And Use Of Merkel Cell Carcinoma Polyomavirus-Like Particles And Reports Vectors
	9/3/2013	E-205-2010	8524239	Devices For Treating Blood Borne Cancers With Light Therapy Based On Photo Immunotherapy
	9/24/2013	E-207-2004	8541229	Generation Of Plasmids With The Prophage Lamba Immunity Region, PL Promoter, And Red Genes For Transfer To Other Gram Negative Bacteria For The Purpose Of Recombineering In Those Organisms
	10/1/2013	E-191-2009	8546091	Akt-Ser473 Phosphorylation And Taxane-Based Chemotherapy
	10/15/2013	E-170-2009	8556882	Methods Of Preparing Lymphocytes That Express Interleukin-12 And Their Use In The Treatment Of Cancer
	10/15/2013	E-227-2006	8557788	Regulating Blood Pressure Through Targeting Thrombospondin-I And CD47
	11/5/2013	E-033-2008	8575121	Diagnostic And Therapeutic Applications Of A P53 Isoform In Regenerative Medicine, Aging And Cancer

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	11/12/2013	E-003-2007	8580927	Engineered CH2 Domain Antibodies (nanoCbodies)
	11/19/2013	E-103-2007	8586055	Surprising Efficiency And Improved Immune Responses Upon Therapeutic Vaccination Using Optimized DNA Vaccine Vectors, Electrophoration And Optimized IL15/IL15 Receptor Alpha DNA
	11/26/2013	E-080-2008	8591889	Human And Improved Murine Monoclonal Antibodies Against CD22
	12/3/2013	E-113-2003	8597715	Direct Cell Target Analysis
	12/24/2013	E-074-2007	8613933	The Use Of Human T-box Transcription Factor Brachyury As A Target For Cancer Immunotherapy And The Identification Of Epitopes Of Human Brachyury As Targets For Tcell Mediated Lysis Of Tumors
	3/4/2014	E-243-2002	8663622	Recombinant Vaccinia Viruses Expressing IL-15
	3/25/2014	E-281-2007	8679836	2D/3D Co-Culture Angiogenesis Assay Systems For Targeting Personalized Therapy In Cancer Patients
	3/25/2014	E-287-2003	8680056	A NOVEL ANTIPROLIFERATIVE FACTOR AND METHODS OF USE
	4/1/2014	E-266-2009	8685416	Development Of A Vaccine Composed Of CpG Oligonucleolides Conjugated To Apoptotic Tumor Cells To Treat Cancer.
	4/15/2014	E-296-2008	8697666	Use Of Suppressive Oligonucleotides To Reduce Host Susceptibility To Cancer
	5/6/2014	E-023-2009	8715928	Genomics-based Breast Cancer Diagnostic Assay
	5/6/2014	E-192-2008	8715964	Optimization Of Expression Of Multimeric Proteins
	5/6/2014	E-309-2005	8716021	Use Of Replicators To Prevent Gene Silencing Abstract Title: Use Of Replicators In Gene Therapy
	5/27/2014	E-024-2009	8735082	Molecular Prediction Of Survival Outcome Of Human Hepatocellular Carcinoma (HCC) Patients By A 'driver'-gene-signature.
	6/3/2014	E-215-2008	8741574	The Gene Expression Signature Of Genomic Instability In Breast Cancer Is An Independent Predictor Of Clinical Outcome
	6/10/2014	E-042-2009	8748390	A Human Cytolytic T Lymphocyte Epitope From The Human Tumor-associated Antigen NGEF (new Gene Expressed In Prostate)
	6/10/2014	E-091-2002	8748114	Zap70 Protein Expression in Chronic Lymphocytic Leukemia (CLL), Small Lymphocytic Lymphoma (SLL) and Likely Mantle Cell Lymphoma (MCL)...
	7/15/2014	E-159-2009	8779095	LAT2KR For Adoptive Immunotherapy
	7/22/2014	E-172-1986	8785609	CLONING AND EXPRESSION OF HTLV-III DNA
	7/29/2014	E-317-2008	8790869	Identification Of Renal Carcinoma Biomarkers
	8/19/2014	E-129-2001	8809502	Mutuated Anti-CD22 Antibodies with Increased Affinity To CD22 Expressing Leukemia Cells.

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	9/9/2014	E-286-2006	8828936	UGRP1/SCGB3A2 Is A Novel Growth Factor And Anti-apoptotic Agent
	9/9/2014	E-339-2004	8828717	A Variant Of Humanized Col-1 Antibody Rendered Less Immunogenic By Replacing, With Their Human Counterparts, Most Of The Murine Framework Residues That Were Presumed Crucial For Antigen Binding
	9/16/2014	E-013-2002	8835167	Humanized Anti-Tag 72 CC49 For Diagnosis And Therapy Of Human Carcinoma
	9/16/2014	E-034-2010	8835613	A New Type Of Glycolipid Antigen Stimulating NKT Cells To Induce Anti-tumor Immunity
	9/16/2014	E-039-2003	8835360	Individualized Therapy Using Interdependent Protein Signal Network
	9/16/2014	E-237-2006	8835115	Use Of ABCB1 Genotyping To Predict Peripheral Neuropathy And Neutropenia Following Paclitaxel Treatment In Human Cancer
	9/23/2014	E-230-2006	8841266	Pharmaceutical Composition And Method For Regulating Abnormal Cellular Proliferation
	10/7/2014	E-269-2003	8852861	Gene Expressing Profiling Predicts The Response Of Rectal Carcinomas To Radiochemotherapy
	10/14/2014	E-004-2005	8858938	Human Monoclonal Antibodies Against Hendra And Nipah
	10/14/2014	E-162-2009	8859207	Inhibitors Of FKBP52-Mediated Regulation Of Androgen Receptor Function
	10/14/2014	E-207-2004	8859277	Generation Of Plasmids With The Prophage Lamba Immunity Region, PL Promoter, And Red Genes For Transfer To Other Gram Negative Bacteria For The Purpose Of Recombineering In Those Organisms
	10/21/2014	E-227-2006	8865672	Regulating Blood Pressure Through Targeting Thrombospondin-I And CD47
	10/28/2014	E-003-2010	8871902	Modified POTE Peptide Vaccine Against Cancer Of The Prostate, Colon, Lung, Breast, Ovary And Pancreas
	10/28/2014	E-188-2010	8871206	Human Monoclonal Antibody Against Human Folate Receptor Beta
	10/28/2014	E-257-2009	8871191	Use Of IL-15 To Increase Thymic Output
	10/28/2014	E-292-2007	8871906	Immunotoxins With Deletions In Domain II That Removes Immunogenic Epitopes With Minimal Loss Of Cytotoxic Activity
	11/4/2014	E-163-2009	8877199	A Panel Of Fully Human Monoclonal Antibodies To The Same Epitope Of An Unknown Cell Surface Antigen Expressed In B-cell Lymphocytic Leukemia (B-CLL)
	12/2/2014	E-087-2005	8901093	Custom Vectors For Treating And Preventing Pancreatic Cancer
	12/9/2014	E-262-2005	8907060	Production Of Less Antigenic Forms Of Immunotoxins
	12/16/2014	E-103-2010	8911728	Bispecific Antibody Soluble Receptor FcFusion Proteins With Potent And Broad HIV-1 Neutralizing Activity

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	1/6/2015	E-203-2004	8926987	Replication-Competent Adenovirus/HIV Recombinants With High Expression Of The Gene Insert As HIV Vaccines
	1/13/2015	E-088-2005	8933041	System For Treating And Preventing Breast Cancer
	1/20/2015	E-269-2009	8936792	Development Of An Immunotoxin In Which All B-Cell Epitopes Have Been Removed And Which As High Cytotoxic Activity
	2/3/2015	E-179-2008	8946382	The Identification Of A Novel Amidated Peptide Derived From The N-terminus Of Apelin-36 That Stimulates Endothelial Cell And Tumor Growth At Nanomolar Concentrations
	2/10/2015	E-153-2008	8951527	Radioprotectants Targeting Thrombospondin-1 And CD47
	2/17/2015	E-058-2009	8957188	Generation And Application Of Antibodies That Bind GaLNac1-3Gal
	2/17/2015	E-321-2003	8957192	A Human Cytolytic T Lymphocyte Epitope And Its Agonist Epitope From The Human Tumor-associated Antigen MUC-1
	4/7/2015	E-186-2007	8999290	Papilloma Pseudovirus For Detection And Therapy Of Tumors
	4/28/2015	E-154-2006	9018011	Human Gamma-8 DNA Is A New Chromatin Insulator For The Persistant Expression Of Intregrated Transgenes
	5/26/2015	E-269-2011	9040248	A Living Cell Fluorescence Assay For Detection And Monitoring Of Endocrine Disrupting Chemicals In Water Sources
	6/2/2015	E-158-2010	9044457	Agonistic Human Monoclonal Antibody Against DR4
	6/30/2015	E-033-2008	9068165	Diagnostic And Therapeutic Applications Of A P53 Isoform In Regenerative Medicine, Aging And Cancer
	7/7/2015	E-106-2005	9075062	Detection Of Colorectal And Serum Protein Profiling
	7/7/2015	E-273-2009	9074185	CD8+ Selected Young TIL For Adoptive Cell Therapy
	7/21/2015	E-287-2003	9085604	A NOVEL ANTIPROLIFERATIVE FACTOR AND METHODS OF USE
	8/25/2015	E-003-2006	9115196	Recombinant Immunotoxin Isolated By Antibody Phage Display And Invitro Affinity Maturation Target Human Glycoprotein NMB (GPNMB) And Exhibit Anti-gloima, Anti-melanoma, Or Any Other GPNMB-expressing Tumor Cytotoxic Activity
	9/8/2015	E-304-2006	9128080	Identification Of T Cell Receptors (TCR) With Altered Amino Acid Sequences That Enhance The Function Of Gene Modified T Cells
	9/22/2015	E-128-2005	9139849	Human Artificial Chromosome With A Predetermined Sequence For Gene Delivery And Gene Targeting
	10/6/2015	E-026-2011	9150926	Diagnosis And Treatment Of Adrenocortical Tumors Using Human MicroRNA-483
	10/6/2015	E-068-2011	9150644	Human Monoclonal Antibodies Cross-reacting To Insulin-like Growth Factor (IGF) I And II

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	10/20/2015	E-294-2010	9163236	Allele Specific ShRNAs And siRNAs For NanogP8
	10/27/2015	E-034-2010	9168291	A New Type Of Glycolipid Antigen Stimulating NKT Cells To Induce Anti-tumor Immunity
	11/3/2015	E-104-2006	9175057	Cytotoxic T Lymphocyte Epitope(s) And Agonist Epitope(s) Of PAGE-4, A Novel Target For Vaccine Therapy
	11/10/2015	E-023-2009	9181589	Genomics-based Breast Cancer Diagnostic Assay
	11/10/2015	E-024-2011	9181340	The Development Of L2, An Anti-TEM8 Antibody That Targets Pathological Angiogenesis
	11/10/2015	E-043-2008	9181327	Cross-reactive Neutralizing Human Domain Antibody Against HIV-1
	11/10/2015	E-132-2006	9181552	A Method For Improving The Therapeutic Efficacy Of Asparagine Synthetase
	12/1/2015	E-056-2011	9198941	The Development And Use Of A Recombinant Brachyury Saccharomyces Cerevisiae (yeast) Vaccine For The Prevention And/or Therapy Of Human Cancer
	12/8/2015	E-130-2011	9206257	Human Single-domain Glypican-3 Monoclonal Antibody, HN3, Which Inhibits Hepatocellular Carcinoma Growth
	12/8/2015	E-263-2011	9206240	Identification And Removal Of Human-specific B-cell Epitopes Producing An Immunotoxin With Low Antigenicity And High Cytotoxic Activity
	12/22/2015	E-203-2004	9216214	Replication-Competent Adenovirus/HIV Recombinants With High Expression Of The Gene Insert As HIV Vaccines
	1/12/2016	E-162-2009	9233973	Inhibitors Of FKBP52-Mediated Regulation Of Androgen Receptor Function
	2/2/2016	E-076-2013	9249217	HUMAN BISPECIFIC T-CELL ENGAGER MOLECULES AND METHODS OF USE
	2/23/2016	E-148-2011	9266960	A Chimeric Antigen Receptor Targeting The Tumor Antigen EGFRvIII
	3/8/2016	E-048-2010	9277748	Improved Pepper Spray For Repellency And Incapacitation Of People And Animals
	3/8/2016	E-080-2008	9279019	Human And Improved Murine Monoclonal Antibodies Against CD22
	3/8/2016	E-166-2007	9279009	Discovery Of And Use Of Fragments Of DOC1 As Antiangiogenic And Antitumor Therapy
	3/29/2016	E-010-2008	9296790	Novel Protein Delivery System For Mammalian Cells
	4/5/2016	E-254-2005	9303080	Optimization Of Expression Of Human Interleukin-15 (IL-15) And Improved DNA Vector Combinations Of IL-15 And IL-15 Receptor Alpha And Protein Combinations Of Same That Increase Cytokine Stability And Biological Function In Vivo And In Vitro
	4/12/2016	E-025-2011	9309322	Antibodies To Tumor Endothelial Marker 8
	4/12/2016	E-587-1984	9309574	Molecular Clones of the Genome of HTLV-III
	4/19/2016	E-097-2009	9316646	Chimeric Mouse/human Anti-human ROR1 MAb 2A2

IC	Issue Date	Reference No.	Patent No.	Technology Title
	5/3/2016	E-172-1986	9328391	CLONING AND EXPRESSION OF HTLV-III DNA
	5/3/2016	E-256-2006	9326950	Self-assembling Nanoparticles Composed Of Transmembrane Peptides And Their Application For Specific Intra-tumor Delivery Of Anti-cancer Drugs
	5/3/2016	E-293-2010	9328142	Lipopeptide Inhibitors Of RAS Oncoprotein
	5/10/2016	E-153-2009	9334522	Inactivation Of Cbl-b Can Obviate The Requirement For CD28 Costimulation Of T Cells In Tumor Rejection
	5/24/2016	E-174-2011	9346859	Identification Of Epitopes In Domain 2 And 3 Of PE38 And Removal Of Epitopes In Domain 2 By Mutagenesis While Retaining Immunotoxin Activity
	5/24/2016	E-269-2010	9345748	Isolation And Analysis Of A Human TCR Recognizing Cancer Testis Antigen Ssx2 And Use In Adaptive Immunotherapy
	6/7/2016	E-078-2012	9359447	A Chimeric Antigen Receptor Targeting The Tumor Antigen Mesothelin
	6/7/2016	E-205-2010	9358306	Photoimmunotherapy Enhanced Drug Therapy: Immediately Following Photoimmunotherapy The Delivery Of Therapeutic Drugs To The Treated Area S Markedly (~10 Fold) Increased Resulting In Increased Local Concentration Of Drug Without Systemic Side Effects
	6/7/2016	E-281-2012	9359418	Cell-permeable Inhibitor Of The T Cell Alternative P38 Activation Pathway
	6/21/2016	E-207-2004	9371532	Generation Of Plasmids With The Prophage Lamba Immunity Region, PL Promoter, And Red Genes For Transfer To Other Gram Negative Bacteria For The Purpose Of Recombineering In Those Organisms
	6/21/2016	E-321-2003	9370559	A Human Cytolytic T Lymphocyte Epitope And Its Agonist Epitope From The Human Tumor-associated Antigen MUC-1
	7/12/2016	E-094-2004	9389223	A Rapid Sensitive Flow Cytometry Assay Of Whole Blood For Pharmacodynamic Monitoring Of Histone Deacetylase Inhibitors
	7/12/2016	E-103-2005	9388221	Papillomavirus L2 N-terminal Peptides For The Induction Of Broadly Cross-neutralizing Antibodies
	7/12/2016	E-771-2013	9388222	Improved PE24 And Fab Fusions (e.g. Humanized Anti- MSLN) Thereof For The Creation Of Improved Anti-mesothelin Immunotoxins
	7/19/2016	E-003-2010	9394352	Modified POTE Peptide Vaccine Against Cancer Of The Prostate, Colon, Lung, Breast, Ovary And Pancreas
	7/19/2016	E-024-2009	9394358	Molecular Prediction Of Survival Outcome Of Human Hepatocellular Carcinoma (HCC) Patients By A 'driver'-gene-signature.
	7/19/2016	E-130-2011	9394364	Human Single-domain Glypican-3 Monoclonal Antibody, HN3, Which Inhibits Hepatocellular Carcinoma Growth

IC	Issue Date	Reference No.	Patent No.	Technology Title
	8/2/2016	E-144-2011	9402820	Enhancing Anti-Cancer Effect Of Hypoxia-Sensitive Treatment Using Pyruvate As An Acute Hypoxia Inducer
	8/9/2016	E-136-2012	9409994	High-affinity Mouse Monoclonal Antibodies To Glypican-3 For Liver Cancer Therapy And Diagnosis
	8/9/2016	E-198-2012	9409992	Novel Mesothelin Domain Rabbit Monoclonal Antibodies
	8/16/2016	E-132-2012	9415099	Novel Vaccination Method To Alter The Breath And Immunodominant Hierarchy Of Immune Responses
	8/16/2016	E-236-2012	9416190	A Single-domain Human Antibody, SD1, Elicits Potent Antitumor Activity By Targeting A Novel Epitope In Mesothelin Close To The Cancer Cell Surface
	8/23/2016	E-298-2007	9421254	Synergy Between Toll-like Receptors Using MyD88-dependent And MyD88-Independent Signaling Pathways
	8/30/2016	E-135-2012	9428813	DNA Methylation For The Diagnosis Of Adrenal Neoplasms
	9/13/2016	E-125-2011	9441048	Antibodies And Immunotoxins Reactive With Human Gangliosides 3'6'iso-LM1 And 3'6'iso-LD1 And Methods Of Use
	10/11/2016	E-263-2006	9464324	A Novel Algorithm For The Molecular Diagnosis Of Lymph Node Metastasis And Prognosis In Early-stage Lung Adenocarcinoma By Profiling The Expression Of Unique Cytokines In Tumor And Non-Tumor Specimens
	10/25/2016	E-137-2003	9474793	Novel Peptide Vaccine To Prevent The Development Of Resistance Of HIV And Hepatitis B To HIV Medications
	10/25/2016	E-167-2010	9475839	Peptide Inhibitors Of Interferon Gamma And Interleukin 10 Signaling
	11/8/2016	E-105-2012	9487573	A Murine T Cell Receptor Targeting Cancer Testis Antigen NY-ESO-1
	11/15/2016	E-207-2008	9492564	Bispecific Monoclonal Antibodies And Immunotoxins Reactive With Epidermal Growth Factor Receptor And Epidermal Growth Factor Receptor Variant III (D2C7, H-11, F2A2, And B10B11)
	11/15/2016	E-242-2015	9492499	Peptides Having Anti-Inflammatory Properties
	11/29/2016	E-264-2011	9506041	Novel Delivery Of Packaged RNA In Mammalian Cells
	12/6/2016	E-294-2010	9512429	Allele Specific ShRNAs And SiRNAs For NanogP8
	12/13/2016	E-034-2010	9517243	A New Type Of Glycolipid Antigen Stimulating NKT Cells To Induce Anti-tumor Immunity
	12/27/2016	E-003-2007	9527903	Engineered CH2 Domain Antibodies (nanoCodies)
	1/3/2017	E-289-2011	9533031	The Ability Of Novel Yeast-MUC1 Constructs To Mature Human Dendritic Cells (DCs) And Activate Human T Cells

IC	Issue Date	Reference No.	Patent No.	Technology Title
	1/10/2017	E-164-2007	9540427	Compounds Binding To The N-terminal Domains Of STAT Proteins As Therapeutic Agents
	1/17/2017	E-192-2008	9546202	Optimization Of Expression Of Multimeric Proteins
	1/24/2017	E-230-2011	9550818	A Vascular Endothelial Growth Factor (VEGF) Antagonist Engineered By Disruption Of Heparin Sulfate Binding
	2/14/2017	E-185-2008	9567566	High-Mobility Group N1 Protein (HMGN1) Is An Immune Enhancer
	3/21/2017	E-080-2008	9598492	Human And Improved Murine Monoclonal Antibodies Against CD22
	4/18/2017	E-056-2011	9623097	The Development And Use Of A Recombinant Brachyury Saccharomyces Cerevisiae (yeast) Vaccine For The Prevention And/or Therapy Of Human Cancer
	4/18/2017	E-148-2011	9624306	A Chimeric Antigen Receptor Targeting The Tumor Antigen EGFRvIII
	4/25/2017	E-039-2012	9631192	Auto-recognizing Therapeutic R/DNA Chimeric Nanoparticles (NP), A Novel Concept For HIV Treatment
	5/9/2017	E-001-2014	9644037	Development For A Rabbit Anti-pT1989 ATR Monoclonal Antibody For Use In IFA And Other Immunoassays
	5/9/2017	E-173-2012	9644179	Programmed Death Ligand-1 (PDL1)-transduced K562 Cells Convert Human Th1 Cells Into Regulatory T Cells
	5/16/2017	E-159-2009	9649339	LAT2KR For Adoptive Immunotherapy
	5/23/2017	E-263-2011	9657066	Identification And Removal Of Human-specific B-cell Epitopes Producing An Immunotoxin With Low Antigenicity And High Cytotoxic Activity
	6/6/2017	E-013-2012	9670549	Clinically Correlated Biomarker Response Signature For The Therapeutic Combination Of Histone Deacetylase (HDAC) And MTOR Inhibitors For Cancer
	6/13/2017	E-019-2012	9676857	Soluble Engineered Monomeric IgG 1 Fc
	6/13/2017	E-068-2011	9676846	Human Monoclonal Antibodies Cross-reacting To Insulin-like Growth Factor (IGF) I And II
	6/13/2017	E-081-2015	9676858	HUMAN BISPECIFIC EGFRVIII ANTIBODY ENGAGING MOLECULES
	6/13/2017	E-217-2011	9678074	Identification Of A Novel Interferon-analog (IFNAN) Human Protein That Impairs Spontaneous And Treatment-induced Clearance Of Hepatitis C Virus In Humans
	8/1/2017	E-223-2012	9719084	Co-Transcriptional Production Of Chemically Modified Functional Therapeutic RNA Nanoparticles
	8/8/2017	E-254-2005	9725492	Optimization Of Expression Of Human Interleukin-15 (IL-15) And Improved DNA Vector Combinations Of IL-15 And IL-15 Receptor Alpha And Protein Combinations Of Same That Increase Cytokine Stability And Biological Function In Vivo And In Vitro

IC	Issue Date	Reference No.	Patent No.	Technology Title
	8/15/2017	E-059-2009	9732337	RNA Hexagonal Ring And RNA Nanotube, RNA Nanorings, RNA Three-dimensional Cages And Functionalized RNA-based Nanoparticles
	8/15/2017	E-203-2004	9732359	Replication-Competent Adenovirus/HIV Recombinants With High Expression Of The Gene Insert As HIV Vaccines
	8/22/2017	E-351-2013	9738726	Site Specific Antibody Drug Conjugation Through Glycan Engineering For Targeted Cancer Therapeutics Development
	9/12/2017	E-039-2011	9758586	Chimeric Rabbit/human Anti-human ROR1 Monoclonal Antibodies With Relevance For Cancer Therapy And Diagnosis- [3 New Chimeric Rabbit/human Anti-ROR1 IgG1 (named R11, R12, And Y31)]
	9/19/2017	E-040-2012	9765342	Chimeric Antigen Receptors Targeting B-cell Maturation Antigen
	9/19/2017	E-168-2011	9764022	Genotype-specific Vaccination Against BK Polyomavirus
	9/19/2017	E-174-2011	9765123	Identification Of Epitopes In Domain 2 And 3 Of PE38 And Removal Of Epitopes In Domain 2 By Mutagenesis While Retaining Immunotoxin Activity
	9/19/2017	E-344-2013	9765142	Development Of Human Monoclonal Antibodies Against Tumor Endothelial Marker 8 (TEM8) As Cancer Diagnostic And Therapeuticagents
	10/10/2017	E-035-2013	9783586	Inhibitors Of The Linear Ubiquitin Chain Assembly Complex (LUBAC) For The Therapy Of The Activated B Cell-like (ABC) Subtype Of Diffuse Large B Cell Lymphoma
	10/10/2017	E-162-2009	9782399	Inhibitors Of FKBP52-Mediated Regulation Of Androgen Receptor Function
	10/17/2017	E-104-2013	9790282	High Activity Chimeric Antigen Receptor For CD 22
	10/17/2017	E-254-2005	9790261	Optimization Of Expression Of Human Interleukin-15 (IL-15) And Improved DNA Vector Combinations Of IL-15 And IL-15 Receptor Alpha And Protein Combinations Of Same That Increase Cytokine Stability And Biological Function In Vivo And In Vitro
	10/24/2017	E-255-2012	9796967	Reversible Regulation Of Intein Activity Through Engineered New Zinc Binding Domain
	10/31/2017	E-198-2012	9803022	Novel Mesothelin Domain Rabbit Monoclonal Antibodies
	11/21/2017	E-495-2013	9822162	T Cell Receptor Targeting An HLA-A2 Restricted Epitope Of Human Papillomavirus-16 E6
	12/19/2017	E-085-2013	9844569	Selection Of CD8+ PD-1+ Or CD8+ TIM-3+ Cells From Peripheral Blood Of Cancer Patients Enriches For Tumor-Reactive Cells That Can Be Used For Adoptive Transfer In The Treatment Of Cancer
	1/2/2018	E-282-2016	9855298	Methods For Pre-conditioning Patients For Cell Therapy

IC	Issue Date	Reference No.	Patent No.	Technology Title
	1/16/2018	E-265-2011	9868774	Chimeric Antigen Receptor Targeting CD22
	1/30/2018	E-230-2012	9879065	MAGE Family Of Cancer/Testis Antigen MAGE-A3 Presented By HLA-DP Beta1*04
	3/13/2018	E-188-2010	9914773	Human Monoclonal Antibody Against Human Folate Receptor Beta
	3/20/2018	E-159-2014	9919058	Intra-pulmonary Delivery Of CpG ODN Adsorbed Onto Polyketal Nanoparticles (CpG-NP) Significantly Reduced Lung Tumor Burden
	3/20/2018	E-269-2011	9921211	A Living Cell Fluorescence Assay For Detection And Monitoring Of Endocrine Disrupting Chemicals In Water Sources
	4/3/2018	E-130-2011	9932406	Human Single-domain Glypican-3 Monoclonal Antibody, HN3, Which Inhibits Hepatocellular Carcinoma Growth
	4/3/2018	E-141-2008	9931377	Complexes Of IL-15 And IL-15R Alpha And Uses Thereof
	4/3/2018	E-549-2013	9931393	Virus-like Particle Vaccine Against JC Polyomaviruses
	4/17/2018	E-033-2008	9944927	Diagnostic And Therapeutic Applications Of A P53 Isoform In Regenerative Medicine, Aging And Cancer
	4/24/2018	E-153-2009	9951311	Inactivation Of Cbl-b Can Obviate The Requirement For CD28 Costimulation Of T Cells In Tumor Rejection
	5/8/2018	E-188-2010	9963505	Human Monoclonal Antibody Against Human Folate Receptor Beta
	5/15/2018	E-256-2008	9970059	A Gene Expression-based Survival Predictor For Diffuse Large B Cell Lymphoma Treated With Chemotherapy Plus Rituximab
	5/22/2018	E-257-2009	9975937	Use Of IL-15 To Increase Thymic Output
	5/29/2018	E-034-2013	9982025	Modified Griffithsin Tandemers For Enhanced Activity And Reduced Viral Aggregation
	6/5/2018	E-178-2009	9989533	A Dual Function Protein, ATIA, Is A Novel Diagnostic Marker For Human Glioblastoma And A Potential Therapeutic Target For Treating The Disease
	6/5/2018	E-294-2010	9988631	Allele Specific ShRNAs And SiRNAs For NanogP8
	6/19/2018	E-018-2005	10000813	Methods For Treating Beta-Catenin Splice Variant Related Cancers
	7/10/2018	E-242-2015	10016480	Peptide-Based Methods For Treating Pancreatic Cancer
	7/31/2018	E-230-2011	10035833	A Vascular Endothelial Growth Factor (VEGF) Antagonist Engineered By Disruption Of Heparin Sulfate Binding
	7/31/2018	E-520-2013	10035832	Identification And Characterization Of HLA-A24 Agonist Epitopes Of MUC1-Oncoprotein
	8/7/2018	E-010-2008	10040830	Novel Protein Delivery System For Mammalian Cells
	8/14/2018	E-048-2012	10047401	Expression Of Protein-coding And Noncoding Genes As A Prognostic Classifier In Early-Stage, Lung Adenocarcinoma

IC	Issue Date	Reference No.	Patent No.	Technology Title
	8/14/2018	E-094-2013	10047122	Pivaloyloxymethyl (POM)-protected Peptide And Peptide Mimetic Binding Antagonists Of Polo-like Kinase 1 Polo Box Domain And Methods Of Use
	8/21/2018	E-125-2011	10052382	Antibodies And Immunotoxins Reactive With Human Gangliosides 3'6'iso-LM1 And 3'6'iso-LD1 And Methods Of Use
	8/21/2018	E-767-2013	10053514	Certain Improved Human Bispecific EGFRvIII Antibody Engaging Molecules
	9/11/2018	E-207-2008	10072084	Bispecific Monoclonal Antibodies And Immunotoxins Reactive With Epidermal Growth Factor Receptor And Epidermal Growth Factor Receptor Variant III (D2C7, H-11, F2A2, And B10B11)
	9/11/2018	E-291-2012	10072078	High Activity Chimeric Antigen Receptor For CD22
	9/18/2018	E-294-2011	10076535	Use Of CpG Oligonucleotides And/or Imiquimod Co-formulated In Antibiotic Cream To Accelerate Wound Healing
	10/2/2018	E-105-2012	10087230	A Murine T Cell Receptor Targeting Cancer Testis Antigen NY-ESO-1
	10/9/2018	E-083-2007	10094836	Use Of SLC01B3 Genotyping To Predict A Survival Prognosis Of Prostate Cancer
	10/9/2018	E-257-2009	10093710	Use Of IL-15 To Increase Thymic Output
	10/30/2018	E-263-2011	10111927	Identification And Removal Of Human-specific B-cell Epitopes Producing An Immunotoxin With Low Antigenicity And High Cytotoxic Activity
	11/6/2018	E-190-2014	10117947	IR70/Papillomavirus Capsid Conjugates For Diagnosis And Treatment Of Tumors
	11/6/2018	E-482-2013	10117942	Photo-activable Lipid-based Nanoparticles ("POCKET" Liposomes) As Vehicles For On-demand DUAL Drug Delivery And Combination Therapy For Improved Cancer Treatment
	11/27/2018	E-001-2012	10138271	The Identification Of Enhancer Agonist Epitopes In The C Terminus And N Terminus Of The MUC-1 Tumor Antigen
	12/4/2018	E-227-2014	10143721	Combination Of Griffithsin With Other Substances To Make A Product For The Prevention Of STD
	12/4/2018	E-269-2010	10143724	Isolation And Analysis Of A Human TCR Recognizing Cancer Testis Antigen SSX2 And Use In Adaptive Immunotherapy
	1/8/2019	E-176-2014	10174098	T-cell Receptor Targeting An HLA-A2-restricted Epitope Of Human Papillomavirus-16 E7
	1/22/2019	E-094-2017	10183993	Fully Human Antibody Binders To Human Mesothelin For CAR-T Therapeutics Treatment
	1/29/2019	E-186-2007	10188751	Papilloma Pseudovirus For Detection And Therapy Of Tumors
	2/5/2019	E-053-2015	10196372	A New Class Of C-Myc G-quadruplex Stabilizing Small Molecules With Anticancer Activity

IC	Issue Date	Reference No.	Patent No.	Technology Title
	2/5/2019	E-344-2013	10196443	Development Of Human Monoclonal Antibodies Against Tumor Endothelial Marker 8 (TEM8) As Cancer Diagnostic And Therapeuticagents
	4/2/2019	E-115-2015	10246463	The Eudistidines: A Novel Molecular Scaffold For Inhibitors Of 300/HIF-1 A Interactions
	4/23/2019	E-141-2008	10265382	Complexes Of IL-15 And IL-15R Alpha And Uses Thereof
	4/23/2019	E-181-2009	10266565	Development Of Peptide Mimetic Ligands Of Polo-like Kinase 1 Polo Box Domain: Part 3
	4/30/2019	E-025-2011	10273299	Antibodies To Tumor Endothelial Marker 8
	5/7/2019	E-031-2014	10279019	A Virus-like Display Vaccine For Inducing Autoantibodies To A PCSK9 Peptide
	5/14/2019	E-042-2014	10287350	Novel Anti-CD19 Chimeric Antigen Receptors
	5/14/2019	E-043-2008	10287340	Cross-reactive Neutralizing Human Domain Antibody Against HIV-1
	5/14/2019	E-047-2014	10286050	Multi-Epitope TARP PeptideTherapeutic Cancer Vaccine
	5/28/2019	E-765-2013	10/301,621	Multifunctional RNA Nanoparticles
	6/11/2019	E-174-2012	10316289	In Vitro Generation Of Memory Stem Cell-like T Cells
	6/18/2019	E-255-2012	10323235	Reversible Regulation Of Intein Activity Through Engineered New Zinc Binding Domain
	6/18/2019	E-282-2016	10322146	Methods For Pre-conditioning Patients For Cell Therapy
	6/25/2019	E-291-2014	10329323	Method For Purifying Antibody Using PBS
	6/25/2019	E-495-2013	10329339	T Cell Receptor Targeting An HLA-A2 Restricted Epitope Of Human Papillomavirus-16 E6
	7/2/2019	E-070-2015	10335460	Optimal Dosing Of Heterodimeric Interleukin-15 (IL-15)
	7/23/2019	E-003-2007	10358481	Engineered CH2 Domain Antibodies (nanoCbodies)
	7/30/2019	E-056-2011	10363294	The Development And Use Of A Recombinant Brachyury Saccharomyces Cerevisiae (yeast) Vaccine For The Prevention And/or Therapy Of Human Cancer
	7/30/2019	E-267-2016	10363286	Synthetic Self-assembling Peptide Antagonists Of Human CCR3 For The Treatment Of Inflammatory Diseases
	8/6/2019	E-108-2004	10370715	A CUSTOM DNA MICROARRAY FOR MOLECULAR DIAGNOSIS AND PROGNOSIS IN HUMAN LYMPHOID MALIGNANCIES
	8/6/2019	E-227-2006	10370439	Regulating Blood Pressure Through Targeting Thrombospondin-I And CD47
	8/20/2019	E-184-2009	10383924	Combination Immunotherapy Compositions And Methods
	8/27/2019	E-121-2013	10393745	Diagnostic And Prognostic Utility Of Urinary Metabolites In Lung Cancer Patients
	8/27/2019	E-247-2015	10392441	Anti-interleukin 7 Receptor Monoclonal Antibody For Treatment Of Acute Lymphoblastic Leukemia

IC	Issue Date	Reference No.	Patent No.	Technology Title
	9/3/2019	E-062-2014	10398772	Modulation Of The RAS Pathways As A Biomarker Of Protection Against HIV And As A Means To Improve Vaccine Efficacy
	9/10/2019	E-086-2012	10407665	Methods For Cell Immortalization And Generation Of Pluripotent Cells
	9/10/2019	E-105-2012	10407485	A Murine T Cell Receptor Targeting Cancer Testis Antigen NY-ESO-1
	9/24/2019	E-002-2014	10421802	Human Monoclonal Antibodies Against The Middle East Respiratory Syndrome CoronaVirus (MERS-CoV) And Engineered Bispecific Fusions With Inhibitory Peptides
	9/24/2019	E-153-2009	10421945	Inactivation Of Cbl-b Can Obviate The Requirement For CD28 Costimulation Of T Cells In Tumor Rejection
	10/1/2019	E-132-2012	10426830	Novel Vaccination Method To Alter The Breath And Immunodominant Hierarchy Of Immune Responses
	10/1/2019	E-174-2011	10428119	Identification Of Epitopes In Domain 2 And 3 Of PE38 And Removal Of Epitopes In Domain 2 By Mutagenesis While Retaining Immunotoxin Activity
	10/1/2019	E-254-2005	10428133	Optimization Of Expression Of Human Interleukin-15 (IL-15) And Improved DNA Vector Combinations Of IL-15 And IL-15 Receptor Alpha And Protein Combinations Of Same That Increase Cytokine Stability And Biological Function In Vivo And In Vitro
	10/8/2019	E-215-2014	10434174	COMBINATION THERAPIES USING AGENTS THAT TARGET TUMOR ASSOCIATED STROMA OR TUMOR CELLS AND OTHER PATHWAYS
	10/22/2019	E-226-2014	10450372	Retroviral Vector That Encodes A Murine (100%) T-cell Receptor (TCR) Targeting An HLA-A2-restricted Epitope In Human Thyroglobulin For The Treatment Of Metastatic Thyroid Cancer
	11/12/2019	E-086-2015	10472412	Defucosylated Bispecific Multivalent Fusion Proteins Of Single Human CD4 And Antibody Domains For Therapy Of HIV-1 Infection
	11/26/2019	E-020-2013	10487363	Identification Of Non-invasive Biomarkers Of Coordinate Metabolic Reprogramming In Colorectal Tumor
	12/3/2019	E-080-2008	10494435	Human And Improved Murine Monoclonal Antibodies Against CD22
	12/10/2019	E-065-2015	10501507	Second Generation Griffithsin Mutants For Improved Stability And Solubility
	12/17/2019	E-520-2013	10508141	Identification And Characterization Of HLA-A24 Agonist Epitopes Of MUC1-Oncoprotein
	12/24/2019	E-278-2014	10512673	Synthetic Peptide Inhibitors Of The Interleukin 10 (IL-10) And Stat3 N-terminal Domain For The Treatment Of Infectious Diseases
	12/31/2019	E-156-2014	10517890	Triggering RNA Interference With RNA, RNA-DNA And DNA-RNA Nanoparticles

IC	Issue Date	Reference No.	Patent No.	Technology Title
	1/21/2020	E-099-2014	10538588	Chimeric Antigen Receptors (CARs) Targeting Mesothelin For Therapy Of Mesothelin-positive Cancers And Other Diseases
	1/21/2020	E-205-2010	10537641	Photoimmunotherapy Enhanced Drug Therapy: Immediately Following Photoimmunotherapy The Delivery Of Therapeutic Drugs To The Treated Area S Markedly (~10 Fold) Increased Resulting In Increased Local Concentration Of Drug Without Systemic Side Effects
	1/21/2020	E-205-2010	10538590	Devices For Treating Blood Borne Cancers With Light Therapy Based On Photo Immunotherapy
	1/21/2020	E-264-2011	10538743	Novel Delivery Of Packaged RNA In Mammalian Cells
	1/28/2020	E-149-2015	10544392	Selection Of CD8+ PD-1+, CD8+PD-1+TIM-3+CD8+TIM-3+CD27hi Cells From Peripheral Blood Of Cancer Patients For The Isolation Of Mutation Specific T-cells And T-cell Receptors To Treat Patients With Cancer
	2/4/2020	E-094-2017	10550179	Fully Human Antibody Binders To Human Mesothelin For CAR-T Therapeutics Treatment
	2/4/2020	E-221-2015	10548987	Antibody-drug Conjugates M900PBD And M906PBD Targeting Neuroblastoma And Other CD56-positive Tumors
	2/4/2020	E-244-2015	10550164	Novel Recombinant Vector Compositions (non-yeast) Encoding A Brachyury Deletion Mutant
	2/11/2020	E-265-2015	10556940	T-cell Receptor Gene Therapy Against The KRASG120 Hotspot Mutation
	2/18/2020	E-243-2015	10562952	Chimeric Antigen Receptor (CAR) Targeting CD276
	2/25/2020	E-148-2011	10570214	A Chimeric Antigen Receptor Targeting The Tumor Antigen EGFRvIII
	3/3/2020	E-010-2008	10577397	Novel Protein Delivery System For Mammalian Cells
	3/3/2020	E-281-2016	10577349	Quinolinones As Inhibitors Of Translation Initiation Complex
	3/17/2020	E-190-2014	10588984	IR70/Papillomavirus Capsid Conjugates For Diagnosis And Treatment Of Tumors
	3/31/2020	E-053-2015	10604499	A New Class Of C-Myc G-quadruplex Stabilizing Small Molecules With Anticancer Activity
	3/31/2020	E-250-2014	10604582	Development Of Human Monoclonal Antibodies And Antibody Drug Conjugates Against CD276 As Cancer Diagnostics And Therapeutic Agents
	3/31/2020	E-750-2013	10607717	Molecular Diagnosis Of Lymphoma Subtypes Using Formalin-fixed, Paraffin-embedded Biopsy Specimens
	4/7/2020	E-175-2016	10611816	HLA-CWB -restricted T-cell Receptors Against The KRAs120 Mutation
	4/7/2020	E-230-2012	10611815	MAGE Family Of Cancer/Testis Antigen MAGE-A3 Presented By HLA-DP Beta1*04
	4/28/2020	E-019-2012	10633447	Soluble Engineered Monomeric IgG 1 Fc

IC	Issue Date	Reference No.	Patent No.	Technology Title
	4/28/2020	E-099-2014	10633441	Chimeric Antigen Receptors (CARs) Targeting Mesothelin For Therapy Of Mesothelin-positive Cancers And Other Diseases
	5/5/2020	E-130-2011	10640571	Human Single-domain Glypican-3 Monoclonal Antibody, HN3, Which Inhibits Hepatocellular Carcinoma Growth
	5/12/2020	E-033-2013	10647754	Stabilized Single Human CD4 Domains And Fusion Proteins As Exceptionally Potent HIV-1 Entry Inhibitors
	5/26/2020	E-240-2015	10662464	Use Of Massively Parallel Sequencing Methods With High Titer Viral Therapeutics And Vaccines For The Detection Of Micro-heterogeneity And Quantitation Of Low Frequency Sequence Variants
	6/9/2020	E-008-2014	10676528	Thymic Stromal Lymphopoietin Receptor (TSLPR) Chimeric Antigen Receptors
	6/16/2020	E-117-2011	10683362	Mechanisms That Increase The Activity Of An Immunotoxin That Kills Epithelial Cells Expressing Mesothelin
	6/23/2020	E-021-2015	10689456	Targeting Human CD70-Expressing Tumors Using A Retroviral Vector That Encodes A Receptor Using CD27 Fused With 41BB And CD3 Signaling Domains
	6/30/2020	E-108-2004	10697975	A CUSTOM DNA MICROARRAY FOR MOLECULAR DIAGNOSIS AND PROGNOSIS IN HUMAN LYMPHOID MALIGNANCIES
	7/7/2020	E-291-2012	10703816	High Activity Chimeric Antigen Receptor For CD22
	7/14/2020	E-025-2015	10711068	Development Of Rabbit Anti-CD133 Monoclonal Antibodies For Use In Immunoassays
	7/21/2020	E-085-2013	10716809	Selection Of CD8+ PD-1+ Or CD8+ TIM-3+ Cells From Peripheral Blood Of Cancer Patients Enriches For Tumor-Reactive Cells That Can Be Used For Adoptive Transfer In The Treatment Of Cancer
	8/4/2020	E-142-2014	10730941	Human Monoclonal Antibodies To CD56 (NCAM1) For Therapy Of Multiple Myeloma, Neuroblastoma, Lung Cancers And Other Diseases
	8/11/2020	E-040-2012	10738312	Chimeric Antigen Receptors Targeting B-cell Maturation Antigen
	8/11/2020	E-040-2012	10738313	Chimeric Antigen Receptors Targeting B-cell Maturation Antigen
	8/11/2020	E-106-2015	10738116	Chimeric Antigen Receptor (CAR) Targeting Both CD19 And CD22
	9/1/2020	E-215-2014	10758526	COMBINATION THERAPIES USING AGENTS THAT TARGET TUMOR ASSOCIATED STROMA OR TUMOR CELLS AND OTHER PATHWAYS
	9/1/2020	E-215-2014	10758613	COMBINATION THERAPIES USING AGENTS THAT TARGET TUMOR ASSOCIATED STROMA OR TUMOR CELLS AND OTHER PATHWAYS
	9/1/2020	E-215-2014	10758614	COMBINATION THERAPIES TARGETING TUMOR-ASSOCIATED STROMA OR TUMOR CELLS AND TOPOISOMERASE

IC	Issue Date	Reference No.	Patent No.	Technology Title
	9/8/2020	E-040-2012	10767184	Chimeric Antigen Receptors Targeting B-cell Maturation Antigen
	1/17/2006	E-117-1995	6987096	NUCLEIC ACIDS ENCODING ANTIVIRAL PROTEINS AND PEPTIDES, VECTORS AND HOST CELLS COMPRISING SAME, AND METHODS OF PRODUCING THE ANTIVIRAL PRO
<b>NEI</b>	6/4/2013	E-056-2008	8455454	Use Of Retinal Pigment Epithelia-enriched MicroRNAs To Prevent Cell-differentiation, Proliferation, And Migration In Neovascular Disease And Tumor Development
	4/15/2014	E-169-2008	8697046	Interferon Gamma Inhibits Human Retinal Pigment Epithelium Proliferation And Migration
	4/29/2014	E-056-2008	8710026	Use Of Retinal Pigment Epithelia-enriched MicroRNAs To Prevent Cell-differentiation, Proliferation, And Migration In Neovascular Disease And Tumor Development
	9/2/2014	E-113-2010	8822540	Nitisinone (NTBC) For Treatment Of Oculocutaneous/Ocular Albinism And For Cosmetic Tanning
	6/14/2016	E-113-2010	9364448	Nitisinone (NTBC) For Treatment Of Oculocutaneous/Ocular Albinism And For Cosmetic Tanning
	11/8/2016	E-169-2008	9486502	Interferon Gamma Inhibits Human Retinal Pigment Epithelium Proliferation And Migration
	4/25/2017	E-036-2012	9629897	Production Of Regulatory B (Breg) Cells By A Genetically Engineered Heterodimeric Interleukin-35 Cytokine:IL-35-induced Bregs As Immunotherapy For Autoimmune Diseases
	1/23/2018	E-284-2012	9873893	A Method For Treating X-linked Rentinosis In Intravitreal Injection Of An AAV Retinoschisin Vector
	7/16/2019	E-164-2014	10351844	A Novel Gene Therapy Vector For Treating CEP290-associated Leber Congenital Amaurosis
	7/16/2019	E-284-2012	10350306	A Method For Treating X-linked Rentinosis In Intravitreal Injection Of An AAV Retinoschisin Vector
	11/19/2019	E-251-2012	10480031	GENERATING RETINAL PIGMENT EPITHELIUM (RPE) CELLS FROM INDUCED PLURIPOTENT STEM CELLS (IPSCS)
	12/24/2019	E-119-2017	10512671	Interleukin 24 Limits Expression Of Tissue Specific Autoimmune Disease By Controlling Th17 Lineage Cytokines
	5/12/2020	E-050-2015	10646588	Novel Gene Therapy Vectors For Treating X-linked Retinitis Pigmentosa Caused By Mutations In RPGR And/or RP2 Genes

IC	Issue Date	Reference No.	Patent No.	Technology Title
<b>NHGRI</b>	10/13/2015	E-013-2011	9157125	Whole Genome Exome Sequencing In Melanoma Reveals A High Number Of Mutations And/or Recurring Mutations In 16 Genes Including TRRAP And GRIN2A
	5/3/2016	E-044-2013	9326992	Methods For Treating Progeroid Laminopathies Using Oligonucleotide Analogues Targeting Human Lamin A (LMNA)
	5/17/2016	E-056-2013	9341619	Biomarker For Diagnosis Of Hyposialylation Disorders And Prediction Of Treatment Efficacy
	8/1/2017	E-243-2012	9719080	A Synthetic Methylmalonyl-CoA Mutase Transgene For The Treatment Of Mut Class Methylmalonic Acidemia (MMA)
	12/5/2017	E-044-2013	9833468	Methods For Treating Progeroid Laminopathies Using Oligonucleotide Analogues Targeting Human Lamin A (LMNA)
	4/17/2018	E-243-2012	9944918	A Synthetic Methylmalonyl-CoA Mutase Transgene For The Treatment Of Mut Class Methylmalonic Acidemia (MMA)
	5/29/2018	E-060-2013	9983200	An Assay For Predicting The Time Of Onset Of Niemann-Pick Disease Type C (NPC)
	6/4/2019	E-243-2012	10307469	A Synthetic Methylmalonyl-CoA Mutase Transgene For The Treatment Of Mut Class Methylmalonic Acidemia (MMA)
	9/3/2019	E-044-2013	10398721	Methods For Treating Progeroid Laminopathies Using Oligonucleotide Analogues Targeting Human Lamin A (LMNA)
	12/3/2019	E-092-2014	10493087	Sialylation-increasing Therapies For Cardiac Impairment
<b>NHLBI</b>	8/14/2007	E-320-2002	7255993	DETECTION OF MUTATIONAL FREQUENCY AND RELATED METHODS
	9/18/2007	E-325-2001	7271002	Production Of Adeno-Associated Virus In Insect Cells
	2/19/2008	E-211-2002	7332645	IL-21 Critically Regulates Immunoglobulin Production
	5/27/2008	E-120-2003	7378276	IL-21 INDUCES TERMINAL DIFFERENTIATION OF HUMAN NAIVE AND MEMORY B CELLS INTO ANTIBODY SECRETING PLASMA CELLS
	5/5/2009	E-008-2005	7527970	Discovery Of Acteylation Islands And Their Potential Application In Diagnosis And Therapy
	6/2/2009	E-160-2002	7541139	Tryptophan as a Functional Replacement for ADP-ribose-arginine in Recombinant Proteins
	8/11/2009	E-114-2004	7572771	Assay System And Composition Of Multi-domain Amphipathic Helical Peptides For The Treatment Of Atherosclerosis.
	10/6/2009	E-178-2004	7598071	Construction Of An Infectious Clone Of Human Parvovirus B19 And Its Application To Gene Therapy Targeting Of Human Hemapoietic Cells
2/2/2010	E-208-2003	7655752	Identification Of An Endogenous TACE Inhibitory Peptide (eTIP)	

IC	Issue Date	Reference No.	Patent No.	Technology Title
	3/2/2010	E-347-2004	7670806	Alpha-NADase Activity Of ARH3 May Be Relevant To The Maintenance Of Alpha-NAD Levels In Ihe Mammalian Cell
	5/4/2010	E-037-2003	7708977	METHOD FOR THE DIAGNOSIS AND TREATMENT OF VASCULAR DISEASE
	6/8/2010	E-104-2004	7731953	Thymic Stromal Lymphopoietin As A Regulator Of CD4+ T Cell Development That Can Partially Reconstitute The Immune System
	4/12/2011	E-160-2002	7923535	Tryptophan as a Functional Replacement for ADP-ribose-arginine in Recombinant Proteins
	8/9/2011	E-120-2003	7993919	IL-21 Is A Critical Regulator Of B-Cell Maturation, Memory Cell Development, And Terminal Differentiation
	8/16/2011	E-276-2004	7998682	FOS As A Novel Marker Of Atherosclerosis
	12/6/2011	E-114-2004	8071746	Assay System And Composition Of Multi-domain Amphipathic Helical Peptides For The Treatment Of Atherosclerosis.
	1/31/2012	E-080-2002	8106006	Modified Defensins And Their Use
	4/3/2012	E-114-2004	8148323	Assay System And Composition Of Multi-domain Amphipathic Helical Peptides For The Treatment Of Atherosclerosis.
	8/21/2012	E-120-2003	8247228	IL-21 INDUCES TERMINAL DIFFERENTIATION OF HUMAN NAIVE AND MEMORY B CELLS INTO ANTIBODY SECRETING PLASMA CELLS
	10/8/2013	E-259-2007	8551536	Nitrite And Nitrite-methemoglobin Therapy To Detoxify Stroma-free Hemoglobin Based Blood Substitutes"
	12/10/2013	E-178-2004	8603784	Construction Of An Infectious Clone Of Human Parvovirus B19 And Its Application To Gene Therapy Targeting Of Human Hemapoietic Cells
	9/9/2014	E-243-2009	8828380	ADP-ribosylation Of Specific Arginines In Human Neutrophil Peptide-I (HNP-I)
	9/16/2014	E-114-2004	8835378	Assay System And Composition Of Multi-domain Amphipathic Helical Peptides For The Treatment Of Atherosclerosis.
	9/30/2014	E-037-2009	8846341	Novel Panel Of Biomarkers To Predict And Diagnosis Idiopathic Pulmonary Fibrosis
	12/30/2014	E-122-2006	8921050	The Discovery Of A Previously Uncharacterized Gene Whose Expression Is Restricted To Renal Cell Carcinoma (RCC) Cells
	1/20/2015	E-138-2008	8936787	Hypertriglyceridemia From ApoA-I And ApoA-I Mimetic Peptides
	3/17/2015	E-028-2008	8980871	Methods Of Treatment For Hemolysis
	1/2/2018	E-122-2006	9856453	The Discovery Of A Previously Uncharacterized Gene Whose Expression Is Restricted To Renal Cell Carcinoma (RCC) Cells
	7/31/2018	E-758-2013	10035848	Antibody Targeting Of Cell Surface Deposited Complement Protein C3d And Use Therof

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	10/23/2018	E-133-2014	10106620	Daratumumab F(ab)2 To Protect NK Cells From Apoptosis
	12/11/2018	E-186-2014	10150802	Partial Agonists And Antagonists Of Interleukin-2; Tuning IL-2 Signaling Modulates Cell-type Specific Immune Responses
	2/12/2019	E-034-2016	10201591	TSLP Induces Neutrophil Mediated Killing Of Methicillin-resistant Staphylococcus Aureus
	2/26/2019	E-122-2006	10214726	The Discovery Of A Previously Uncharacterized Gene Whose Expression Is Restricted To Renal Cell Carcinoma (RCC) Cells
	8/20/2019	E-342-2013	10385313	Human iPSC-derived Vascular-related And Hematopoietic Cells For Therapies And Toxicology/drug Screenings
	1/28/2020	E-165-2014	10543257	Development Of A New Generation, Forward-oriented Therapeutic Vector For Hemoglobin Disorders
	2/11/2020	E-122-2006	10557118	The Discovery Of A Previously Uncharacterized Gene Whose Expression Is Restricted To Renal Cell Carcinoma (RCC) Cells
	5/19/2020	E-186-2014	10654905	Partial Agonists And Antagonists Of Interleukin-2; Tuning IL-2 Signaling Modulates Cell-type Specific Immune Responses
<b>NIA</b>	8/18/2009	E-049-2001	7576050	Long-Acting Insulinotropic Peptides And Uses Thereof
	10/18/2011	E-092-2004	8038997	Anti-Marinobufagenin Antibody (Clone 3EG) And Uses To Treat Hypertension, Pre-eclampsia, And Eclampsia
	9/4/2012	E-271-2006	8258278	DNA-based Strategy To Elicit Anti-tumor Responses Against Tumors Expressing Oncofetal Antigen/immature Laminin Receptor Protein
	10/2/2012	E-049-2001	8278272	Long-Acting Insulinotropic Peptides And Uses Thereof
	12/31/2013	E-088-2007	8617813	Trim43 Is Expressed In 4-cell To Morula Stage Embryos
	2/25/2014	E-140-2007	8658608	Modified Triple-helix Forming Oligonucleotides For Targeted Mutagenesis
	3/4/2014	E-089-2009	8664183	Sperm-derived SPANX-B Is A Clinically Relevant Tumor Antigen That Is Expressed In Human Tumors And Readily Recognized By Human CD4+ And CD8+ T Cells
	4/22/2014	E-051-2008	8703921	CHEMOARP -A SIMPLE AND EFFICIENT TECHNOLOGY FOR DELIVERING SIRNA
	5/20/2014	E-116-2004	8728526	Method For Avoiding Denaturation While Incorporating Proteins Or Virus In Biodegradable Microbeads
	6/3/2014	E-172-2009	8741649	ZScan4, Associated With Novel Transient State Of Embryonic Stem Cells, Is Involved In Telomere Regulation With Genome Stability
	8/5/2014	E-027-2005	8795674	Chemoattractant-based Toxins Which Deplete T Regulatory Cells To Improve Vaccine Immune Responses For Cancer And Other Clinically Relevant Diseases
	10/7/2014	E-049-2001	8853160	Long-Acting Insulinotropic Peptides And Uses Thereof

IC	Issue Date	Reference No.	Patent No.	Technology Title
	4/21/2015	E-172-2009	9012223	ZScan4, Associated With Novel Transient State Of Embryonic Stem Cells, Is Involved In Telomere Regulation With Genome Stability
	11/3/2015	E-165-2011	9175062	High Potency Recombinant Human Soluble Receptor For Advanced Glycation End Products (sRAGE) As A Therapeutic Reagent For The Treatment Of Vascular Diseases, Injuries And Inflammation
	1/5/2016	E-101-2010	9228171	Cancer-induced Regulatory B Cells (tBregs) Are Efficient Suppressors Of Immune Cellular Responses
	1/19/2016	E-089-2009	9238684	Sperm-derived SPANX-B Is A Clinically Relevant Tumor Antigen That Is Expressed In Human Tumors And Readily Recognized By Human CD4+ And CD8+ T Cells
	8/16/2016	E-051-2008	9415116	CHEMOARP -A SIMPLE AND EFFICIENT TECHNOLOGY FOR DELIVERING SIRNA
	11/29/2016	E-134-2009	9506032	Engineering Rhythmic And Responsive Biological Pacemakers Based On The Enhancement Of Cell Intracellular Signaling Targeting Both Ca Cycling And Sarcolemma
	3/28/2017	E-027-2005	9605044	Chemoattractant-based Toxins Which Deplete T Regulatory Cells To Improve Vaccine Immune Responses For Cancer And Other Clinically Relevant Diseases
	5/23/2017	E-101-2010	9657269	Cancer-induced Regulatory B Cells (tBregs) Are Efficient Suppressors Of Immune Cellular Responses
	2/20/2018	E-275-2011	9896729	A Hexonucleotide Repeat Expansion In C9orf72 Is The Cause Of Chromosome 9p21-linked Amyotrophic Lateral Sclerosis/Frontotemporal Dementia
	4/3/2018	E-103-2011	9932560	Zscan4 Increases The Efficiency Of Induced Pluripotent Stem (iPS) Cell Formation
	9/18/2018	E-271-2006	10077296	DNA-based Strategy To Elicit Anti-tumor Responses Against Tumors Expressing Oncofetal Antigen/immature Laminin Receptor Protein
	4/30/2019	E-008-2011	10273458	Identification Of Stem/Progenitor Cells In Adult Human Pancreas
	5/28/2019	E-027-2005	10300115	Chemoattractant-based Toxins Which Deplete T Regulatory Cells To Improve Vaccine Immune Responses For Cancer And Other Clinically Relevant Diseases
	6/11/2019	E-279-2013	10316287	Chemical Inhibitor For Selective Removal Of Pluripotent Stem Cells From Clinically Relevant Cell Populations
	11/12/2019	E-012-2012	10471142	Combined IVIG And C1 Inhibitor Therapy For Neurological Disorders
	9/8/2020	E-051-2008	10765694	CHEMOARP -A SIMPLE AND EFFICIENT TECHNOLOGY FOR DELIVERING SIRNA
<b>NIAAA</b>	8/23/2016	E-070-2012	9422308	Discovery Of Docosahexaenoylamide Derivatives That Promote The Growth And Development Of Neurons
	9/18/2018	E-103-2013	10077446	Selective, SiRNA-mediated Knockdown Of CB1 Receptors In Macrophages For The Treatment Of Diabetes

IC	Issue Date	Reference No.	Patent No.	Technology Title
NIAID	8/22/2006	E-241-2001	7094598	Development of a Preventive Vaccine for Filovirus Infection in Primate
	5/22/2007	E-281-2001	7220718	Oral Treatment of Hemophilia
	6/5/2007	E-120-2001	7226602	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	5/20/2008	E-227-2001	7375206	Brother of The Regulator of Imprinted Sites (Boris)
	6/17/2008	E-122-2001	7388089	Anti-Arthropod Vector Vaccines, Methods of Selecting and Uses Thereof
	10/14/2008	E-255-2000	7435801	Antibodies and Other Ligands Directed Against KIR2DL4 Receptor For Production of Interferon Gamma
	11/11/2008	E-090-2002	7449190	Assays For Assembly Of Ebola Virus Nucleocapsids
	2/3/2009	E-285-2002	7485306	Full-length cDNA Sequences COding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	2/24/2009	E-355-2001	7494813	VAC-BAC Shuttle Vector System
	4/14/2009	E-089-2002	7517531	Dengue Tetraivalent Vaccine Containing A Common 30 Nucleotide Deletion In The 3'-UTR Of Dengue Types 1,2,3, And 4, Or Antigenic Chimeric Dengue Viruses 1,2,3, And 4
	5/26/2009	E-233-2003	7537765	Inhibition Of HIV-1 Replication By Disruption Of The Processing Of The Viral Capsid-Spacer Peptide 1 Protein
	7/14/2009	E-120-2001	7560118	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	7/14/2009	E-168-2003	7560116	Protein Subunit Vaccine Against Orthopoxviruses
	11/17/2009	E-229-2003	7618632	GITR Ligand And Antibodies And Uses Thereof
	12/22/2009	E-241-2001	7635688	Development of a Preventive Vaccine for Filovirus Infection in Primate
	12/22/2009	E-317-2003	7635485	Accelerated Vaccination Strategies To Provide Protection Against Viral Infection
	6/22/2010	E-130-2002	7741437	P. ARIASI POLYPEPTIDES AND P. PERNICIOSUS POLYPEPTIDES METHOD OF USE
	6/29/2010	E-225-2000	7744902	Respiratory Syncytial Virus Vaccines Expressing Protective Antigens From Promoter-proximal Genes
	8/31/2010	E-241-2004	7785814	Cancer Diagnostics Based On The Detection Of Endogenous Antibodies To BORIS In Cancer Patients
	10/26/2010	E-092-2002	7820181	Complete Genomic Nucleotide Sequence Determination of HPIV2 Strain V94 and Generation of a Recombinant HPIV2/V94 From cDNA Useful For...
1/11/2011	E-281-2001	7867974	Oral Treatment of Hemophilia	
3/22/2011	E-250-2005	7910105	IL-21 Receptor Deficiency Reduces Type-2 Immunity, Inflammation And Tissue Fibrosis	

IC	Issue Date	Reference No.	Patent No.	Technology Title
	3/29/2011	E-145-2004	7914788	Monoclonal Antibodies Against Orthopoxviruses
	4/5/2011	E-092-2002	7919301	Complete Genomic Nucleotide Sequence Determination of HPIV2 Strain V94 and Generation of a Recombinant HPIV2/V94 From cDNA Useful For...
	5/24/2011	E-059-2004	7947289	Exploiting The Multimeric Nature Of Certain Protein Toxins To Target Cells Having More Than One Identifying Characteristic
	6/21/2011	E-122-2001	7964576	Anti-Arthropod Vector Vaccines,Methods of Selecting and Uses Thereof
	9/13/2011	E-317-2003	8017130	Accelerated Vaccination Strategies To Provide Protection Against Viral Infection
	10/18/2011	E-120-2001	8039003	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	12/13/2011	E-089-2002	8075903	Dengue Tetravalent Vaccine Containing A Common 30 Nucleotide Deletion In The 3'-UTR Of Dengue Types 1,2,3, And 4, Or Antigenic Chimeric Dengue Viruses 1,2,3, And 4
	1/24/2012	E-319-2004	8101739	Optimized Vaccines To Provide Protection Against Ebola And Other Viruses
	1/31/2012	E-241-2001	8106026	Development of a Preventive Vaccine for Filovirus Infection in Primate
	1/31/2012	E-241-2001	8106027	Development of a Preventive Vaccine for Filovirus Infection in Primate
	2/28/2012	E-168-2003	8124105	Protein Subunit Vaccine Against Orthopoxviruses
	2/28/2012	E-241-2001	8124592	Development of a Preventive Vaccine for Filovirus Infection in Primate
	4/3/2012	E-218-2004	8147840	HIV Vaccine Immunogens And Immunization Strategies To Elicit Broadly Neutralizing Anti-HIV-1 Against The Membrane-Proximal Ectodomain Of HIV Gp41
	6/26/2012	E-117-2006	8206933	Multiple BORIS Alternate Splice Forms As A Tool For Cancer Diagnostics And Treatment
	7/3/2012	E-239-2007	8211445	PMS GenePeptides As Vaccine Targets Against Methicillin-Resistant Staphylococcus Aureus
	8/28/2012	E-263-2005	8252550	Poly-gamma-DL-glutamate Capsule Of Staphylococcus Edidermis
	11/27/2012	E-233-2003	8318425	Inhibition Of HIV-1 Replication By Disruption Of The Processing Of The Viral Capsid-Spacer Peptide 1 Protein
	12/25/2012	E-139-2006	8337860	Development Of Dengue Virus Type 3 Vaccine Candidates Containing Either 1) Nucleotide Deletions In The 3'-UTR Of The Genome Consisting Of More Than 30 Contiguous Nucleotides In One Or Multiple Regions, Or 2) A 3'-UTR Derived From DEN4 And Containing The Delta30 Deletion
	1/1/2013	E-122-2001	8343499	Anti-Arthropod Vector Vaccines,Methods of Selecting and Uses Thereof
	2/5/2013	E-092-2002	8367074	Complete Genomic Nucleotide Sequence Determination of HPIV2 Strain V94 and Generation of a Recombinant HPIV2/V94 From cDNA Useful For...

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	2/26/2013	E-172-2007	8383589	Collagen-platelet Aggregation Inhibitor From Mosquito Salivary Glands
	3/5/2013	E-059-2004	8388933	Exploiting The Multimeric Nature Of Certain Protein Toxins To Target Cells Having More Than One Identifying Characteristic
	3/26/2013	E-145-2004	8404818	Monoclonal Antibodies Against Orthopoxviruses
	5/14/2013	E-117-2006	8440415	Multiple BORIS Alternate Splice Forms As A Tool For Cancer Diagnostics And Treatment
	12/10/2013	E-110-2006	8603978	Adminstration Of Muramyl Dipeptide (MDP) For The Treatment Of Inflammatory Bowel Disease (IBD)
	1/7/2014	E-263-2005	8623371	Poly-gamma-DL-glutamate Capsule Of Staphylococcus Edidermis
	1/7/2014	E-232-2004	8623379	Compositions And Methods For Generating An Immune Response
	1/14/2014	E-122-2001	8629260	Anti-Arthropod Vector Vaccines,Methods of Selecting and Uses Thereof
	1/14/2014	E-285-2002	8628780	Full-length cDNA Sequences COding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	1/21/2014	E-120-2001	8632782	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	1/28/2014	E-055-2009	8637310	Use Of The ROCK Inhibitor, Y-27632, To Sustain Primary Human Keratinocytes In A Proliferative State To Study Long-term Replication, The Persistence And The Complete Life-cycle Of Papillomaviruses. Maintenance Of Primary Human Keratinocytes. In An Extended Proliferative State For Human Skin Grafting And Research Studies.
	1/28/2014	E-178-2008	8637234	Molecular Scaffolds For HIV-1 Epitopes
	1/28/2014	E-300-2009	8637036	Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03) Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-I Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03)
	2/11/2014	E-022-2008	8647818	MOLECULAR SCAFFOLDS FOR HIV-1 IMMUNOGENS
	7/8/2014	E-148-2009	8772238	Use Of Ixolaris, A Tissue Factor (anticoagulant) Inhibitor, For The Treatment Of Cancer
	7/8/2014	E-326-2006	8772256	Use Of Codon-modified Respiratory Syncytial Gene (RSV) Sequences For Vaccine Development
	7/15/2014	E-120-2001	RE45016	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	7/15/2014	E-357-2001	8778671	West Nile Virus And Dengue Virus Chimeras For Use In A Live Virus Vaccine

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	7/29/2014	E-120-2001	RE045053	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	9/9/2014	E-120-2001	RE45,123	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	12/23/2014	E-217-2004	8916175	A Varicella-Zoster Vaccine Mutant Impaired For Latency But Not For Replication
	12/23/2014	E-275-2008	8916596	Use Of Mono-Anine Oxidase Inhibitors To Prevent Herpes Simplex Virus Infection And Reactivation From Latency
	12/30/2014	E-263-2005	8921071	Poly-gamma-DL-glutamate Capsule Of Staphylococcus Edidermis
	2/3/2015	E-043-2010	8946398	Hepatitis C Virus (HCV) Genotype 3a (Strain S52) And Genotype 4a (Strain ED43) Full-Length Infectious Consensus CDNA Clones That, Following Intra-Hepatic Transfection Into Chimpanzees, Produce Viruses, And Uses Thereof In Basic Research, Drug Development And Vaccine Development
	2/10/2015	E-312-2008	8951793	Selective Expression Of Latency Associated Peptide (LAP) And CD121b (IL-1 Receptor Type 2) On Activated Human FOXP3+ Regulatory T Cells Allows For Their Purification For Use In Expansion Cultures To Generate Sufficient Numbers Of Cells For Cell-Based Immunotherapy
	3/17/2015	E-172-2007	8980859	Collagen-platelet Aggregation Inhibitor From Mosquito Salivary Glands
	4/7/2015	E-145-2004	8999336	Monoclonal Antibodies Against Orthopoxviruses
	4/21/2015	E-319-2004	9012618	Optimized Vaccines To Provide Protection Against Ebola And Other Viruses
	5/19/2015	E-295-2004	9034343	Separated Overlapping Reading Frames Of The P/V Gene HPIV2 To Generate A Recombinant HPIV2 (rHPIV2) And Identification Of A Novel Cis-acting Mutation In HPIV2.
	6/9/2015	E-005-2009	9052321	A Novel Flavivirus-based System For Production Of Hepatitis C Virus (HCV): Production Of Infectious Virions And Development Of A Novel Reporter System For Studying HCV Virion Entry.
	6/9/2015	E-083-2006	9051573	A Newly Discovered Bacterium In The Family Acetobacteraceae
	6/9/2015	E-095-2000	9051392	IDENTIFICATION OF A NOVEL DOMAIN IN THE TUMOR NECROSIS FACTOR RECEPTOR FAMILY THAT MEDIATES PRE-LIGAND RECEPTOR ASSEMBLY AND FUNCTION.
	6/16/2015	E-084-2010	9056068	S. Stercoralis Immunoreactive Antigen (SsIR) As A Vaccine For Protection Against Strongyloides Stercoralis Infection
	6/30/2015	E-281-2010	9068993	Wuchereria Bancrofti Specific Molecule For The Immunodiagnosis Of Bancroftian Filariasis And For Surveillance Following Successful Control Programs

IC	Issue Date	Reference No.	Patent No.	Technology Title
	7/7/2015	E-003-2005	9072716	Treatment And Prevention Of Inflammatory Bowel Disease (IBD) Using Mutant And Chimeric IL-13 Molecules
	7/28/2015	E-139-2006	9090873	Development Of Dengue Virus Type 3 Vaccine Candidates Containing Either 1) Nucleotide Deletions In The 3'-UTR Of The Genome Consisting Of More Than 30 Contiguous Nucleotides In One Or Multiple Regions, Or 2) A 3'-UTR Derived From DEN4 And Containing The Delta30 Deletion
	9/1/2015	E-285-2002	9120867	Full-length cDNA Sequences Coding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	9/15/2015	E-018-2010	9133480	Plasmid Shuttle Vector For Insertion Of Foreign Genes Into The LII Site Of Modified Vaccinia Virus Ankara (MVA) To Increase Stability Of Foreign Gene Expression In This Site
	9/15/2015	E-248-2006	9133478	A Shuttle Plasmid, Recombinant MVA/HIV1 Clinical Vaccine Constructs And A Mechanism For Enhanced Stability Of Foreign Gene Inserts By Codon Alteration And For Insertion Of Foreign Gene Between Two Vaccinia Virus Essential Genes
	11/3/2015	E-300-2009	9175070	Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identify HIV-1 Specific B-Cells (VRC03) Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identify HIV-1 Specific B-Cells (VRC03)
	11/10/2015	E-074-2011	9181530	A Wild-type Strain Of Genotype 3 Hepatitis E Virus, Its Cell Culture Adapted Progeny, Infectious cDNA Clones Of Each And A Cell Culture System Suitable For Studying Zoonotic Spread Of Hepatitis E
	11/24/2015	E-055-2007	9193790	Antagonists Of The Direct Interaction Between HIV Gp120 And Integrin
	2/16/2016	E-031-2006	9259463	Vaccine Against Chlamydia Trachomatis Sexually Transmitted Diseases And Blinding Trachoma
	3/1/2016	E-148-2009	9272023	Use Of Ixolaris, A Tissue Factor (anticoagulant) Inhibitor, For The Treatment Of Cancer
	4/26/2016	E-242-2014	9321834	A Monoclonal Antibody Against The N-terminal Portion Of The Circumsporozoite Protein Of Plasmodium Falciparum
	5/31/2016	E-004-2009	9353353	Use Of Viral Like Particles (VLPs) In The Development Of A Preventive Vaccine Against Chikungunya

IC	Issue Date	Reference No.	Patent No.	Technology Title
	6/28/2016	E-139-2006	RE046042	Development Of Dengue Virus Type 3 Vaccine Candidates Containing Either 1) Nucleotide Deletions In The 3'-UTR Of The Genome Consisting Of More Than 30 Contiguous Nucleotides In One Or Multiple Regions, Or 2) A 3'-UTR Derived From DEN4 And Containing The Delta30 Deletion
	6/28/2016	E-283-2009	9375424	Discovery Of Potential Antimalarial Drugs
	7/5/2016	E-285-2002	9382302	Full-length cDNA Sequences Coding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	7/5/2016	E-292-2010	9382311	Isolation Of VRC-PG-04 And VRC-PG-05, Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-specific Glycoprotein Probes To Identify HIV-1 Specific B-cells
	8/2/2016	E-240-2012	9403763	CD-4 Mimetic Inhibitors Of HIV Entry And Methods Of Use Thereof
	9/13/2016	E-055-2007	9441041	Antagonists Of The Direct Interaction Between HIV Gp120 And Integrin
	9/13/2016	E-172-2007	9441022	Collagen-platelet Aggregation Inhibitor From Mosquito Salivary Glands
	9/13/2016	E-293-2011	9441019	Development Of Self-Assembling Ferritin Nanoparticles Expressing Hemagglutinin As An Influenza Vaccine
	9/27/2016	E-337-2004	9453239	Recombinant MVA Viruses Expressing Clade A/G And Clade B Modified HIV Env, Gag, And Pol Genes
	10/25/2016	E-253-2011	9475862	Method For Isolating And Producing Neutralizing Monoclonal Antibodies Without Prior Knowledge Of Specificity
	11/1/2016	E-279-2011	9481866	Stabilization Of Helios-expressing Foxp3+ Human Regulatory T Cells Using Random-sequenced Oligonucleotides
	11/8/2016	E-057-2011	9487563	Virus Like Particles (VLPs) And Method Of Use
	11/22/2016	E-275-2008	9499821	Use Of Mono-Amine Oxidase Inhibitors To Prevent Herpes Simplex Virus Infection And Reactivation From Latency
	12/27/2016	E-154-2010	9526777	Filovirus Vaccines Based On Chimpanzee Adenoviral Vectors
	1/3/2017	E-226-2011	9534041	Chimpanzee/Human Chimeric Monoclonal Antibodies That Neutralize Norwalk Virus
	1/31/2017	E-202-2011	9555064	Improved Bacterial Host For Production Of Anthrax Toxin Proteins And Vaccines - Bacillus Anthracis, BH460
	3/14/2017	E-219-2014	9593136	Compounds For Inhibiting 1-Deoxy-D-Xylulose-5-Phosphate Reductoisomerase
	4/18/2017	E-135-2010	9624475	Genetically Stable Live Attenuated Vaccine For Respiratory Syncytial Virus (RSV) With An Attenuation And Temperature Sensitive Phenotype Conferred By An Amino Acid Deletion

IC	Issue Date	Reference No.	Patent No.	Technology Title
	6/20/2017	E-043-2010	9683269	Hepatitis C Virus (HCV) Genotype 3a (Strain S52) And Genotype 4a (Strain ED43) Full-Length Infectious Consensus CDNA Clones That, Following Intra-Hepatic Transfection Into Chimpanzees, Produce Viruses, And Uses Thereof In Basic Research, Drug Development And Vaccine Development
	7/4/2017	E-051-2012	9695230	Further Modifications To HIV Neutralizing Antibodies To Improve Function
	7/11/2017	E-043-2011	9701718	Adenovirus Serotype 26/ Adenovirus Serotype 35 Prime Boost Filovirus Vaccine
	7/18/2017	E-120-2001	9707287	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	7/18/2017	E-145-2004	9708392	Monoclonal Antibodies Against Orthopoxviruses
	8/15/2017	E-246-2012	9730993	Engineered Complementary Anthrax Toxin Protective Antigen Variants That Exclusively Form Octamers
	8/22/2017	E-081-2013	9738689	Structure-based Stabilization Of The RSV F Glycoprotein In Its Prefusion Conformation
	8/22/2017	E-300-2009	9738703	Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03) Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03)
	9/26/2017	E-007-2015	9771428	CD47-targeted Therapies For The Treatment Of Infectious Disease
	10/10/2017	E-089-2002	9783787	Dengue Tetraivalent Vaccine Containing A Common 30 Nucleotide Deletion In The 3'-UTR Of Dengue Types 1,2,3, And 4, Or Antigenic Chimeric Dengue Viruses 1,2,3, And 4
	10/10/2017	E-253-2011	9783595	Method For Isolating And Producing Neutralizing Monoclonal Antibodies Without Prior Knowledge Of Specificity
	10/24/2017	E-066-2013	9795662	Vaccination With AMAI-RON2 Complex Provides Protection Against Lethal Plasmodium Challenge
	10/24/2017	E-292-2010	9796774	Isolation Of VRC-PG-04 And VRC-PG-05, Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-specific Glycoprotein Probes To Identify HIV-1 Specific B-cells
	11/14/2017	E-226-2011	9815887	Chimpanzee/Human Chimeric Monoclonal Antibodies That Neutralize Norwalk Virus
	12/12/2017	E-089-2002	RE46,631	Dengue Tetraivalent Vaccine Containing A Common 30 Nucleotide Deletion In The 3'-UTR Of Dengue Types 1,2,3, And 4, Or Antigenic Chimeric Dengue Viruses 1,2,3, And 4

IC	Issue Date	Reference No.	Patent No.	Technology Title
	12/19/2017	E-089-2002	RE46641	Dengue Tetravalent Vaccine Containing A Common 30 Nucleotide Deletion In The 3'-UTR Of Dengue Types 1,2,3, And 4, Or Antigenic Chimeric Dengue Viruses 1,2,3, And 4
	12/26/2017	E-074-2011	9850468	A Wild-type Strain Of Genotype 3 Hepatitis E Virus, Its Cell Culture Adapted Progeny, Infectious CDNA Clones Of Each And A Cell Culture System Suitable For Studying Zoonotic Spread Of Hepatitis E
	1/2/2018	E-117-2013	9856313	A Monoclonal Antibody (5C4) With Potent Neutralizing Activity Against RSV Is Specific For A Structurally-defined Antigenic Site Uniquely Present On The RSV Prefusion F Protein
	1/30/2018	E-018-2010	9879231	Plasmid Shuttle Vector For Insertion Of Foreign Genes Into Del LII Site Of Modified Vaccinia Virus Ankara (MVA) To Increase Stability Of Foreign Gene Expression In This Site
	2/6/2018	E-285-2002	9884100	Full-length cDNA Sequences COding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	2/13/2018	E-120-2013	9890369	Efficient Tumor Therapy By Anthrax Toxin Fusion Proteins That Contain Cytolethal Distending Toxin B
	2/20/2018	E-055-2007	9896509	Antagonists Of The Direct Interaction Between HIV Gp120 And Integrin
	4/10/2018	E-019-2018	9937196	Complete Sequence Of The Genome Of Avian Parayxovirus Type 2
	5/1/2018	E-080-2013	9957486	Genetically Stable Live Attenuated Vaccine For Respiratory Syncytial Virus (RSV) With Codon Pair Deoptimized And Codon Pair Optimized Elements
	5/15/2018	E-449-2013	9968693	Small Molecule Imaging Of Fungi By PET Scanning
	6/19/2018	E-136-2013	10000556	Norovirus Specific Nanobodies For Diagnostic And Therapeutic
	6/26/2018	E-103-2014	10004800	Antibody Evolution Immunogens
	7/10/2018	E-081-2013	10017543	Structure-based Stabilization Of The RSV F Glycoprotein In Its Prefusion Conformation
	7/31/2018	E-051-2012	10035844	Further Modifications To HIV Neutralizing Antibodies To Improve Function
	7/31/2018	E-300-2009	10035845	Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03) Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-Specific Glycoprotein Probes To Identity HIV-1 Specific B-Cells (VRC03)
	8/14/2018	E-253-2011	10047147	Method For Isolating And Producing Neutralizing Monoclonal Antibodies Without Prior Knowledge Of Specificity

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	8/14/2018	E-253-2011	10047148	Method For Isolating And Producing Neutralizing Monoclonal Antibodies Without Prior Knowledge Of Specificity
	8/28/2018	E-070-2014	10058559	Use Of LRRK2 Inhibitor To Treat Ulcerative Colitis And Crohn's Disease
	8/28/2018	E-357-2001	10058602	West Nile Virus And Dengue Virus Chimeras For Use In A Live Virus Vaccine
	10/16/2018	E-043-2010	10100346	Hepatitis C Virus (HCV) Genotype 3a (Strain S52) And Genotype 4a (Strain ED43) Full-Length Infectious Consensus CDNA Clones That, Following Intra-Hepatic Transfection Into Chimpanzees, Produce Viruses, And Uses Thereof In Basic Research, Drug Development And Vaccine Development
	11/20/2018	E-195-2014	10130700	Development Of A Polyvalent Viral Like Particle Vaccine To Provide Broad Protection Against Influenza A Viruses Of Different Subtypes
	11/27/2018	E-057-2011	10138277	Virus Like Particles (VLPs) And Method Of Use
	11/27/2018	E-145-2015	10137107	Substituted Phenylpyrrolicarboxamides With Therapeutic Activity In HIV
	11/27/2018	E-293-2011	10137190	Development Of Self-Assembling Ferritin Nanoparticles Expressing Hemagglutinin As An Influenza Vaccine
	12/25/2018	E-045-2015	10160795	Novel Monoclonal Antibodies To Ebolavirus Glycoprotein
	12/25/2018	E-139-2006	10160957	Development Of Dengue Virus Type 3 Vaccine Candidates Containing Either 1) Nucleotide Deletions In The 3'-UTR Of The Genome Consisting Of More Than 30 Contiguous Nucleotides In One Or Multiple Regions, Or 2) A 3'-UTR Derived From DEN4 And Containing The Delta30 Deletion
	12/25/2018	E-242-2014	10160802	A Monoclonal Antibody Against The N-terminal Portion Of The Circumsporozoite Protein Of Plasmodium Falciparum
	1/1/2019	E-029-2007	10166285	A Varicella-zoster Virus Mutant That Is Markedly Impaired For Latent Infection
	1/22/2019	E-007-2015	10184004	CD47-targeted Therapies For The Treatment Of Infectious Disease
	2/5/2019	E-099-2016	10195236	Use Of Roseomonas Species To Treat Eczematous Skin Disease
	2/19/2019	E-099-2016	10206957	Use Of Roseomonas Species To Treat Eczematous Skin Disease
	4/2/2019	E-170-2013	10246505	Chimeric Antigen Receptor To Control HIV Infection: A Novel CD4-Based Env-Targeting Moiety With Enhanced Potency And No Potential To Confer Infection Permissiveness To Genetically Modified CDS T Cells
	4/16/2019	E-133-2012	10258682	Live -Attenuated Vaccine Against Multiple Sexually Transmitted Diseases
	4/30/2019	E-045-2015	10273288	Novel Monoclonal Antibodies To Ebolavirus Glycoprotein
	4/30/2019	E-202-2011	10273548	Improved Bacterial Host For Production Of Anthrax Toxin Proteins And Vaccines - Bacillus Anthracis, BH460

IC	Issue Date	Reference No.	Patent No.	Technology Title
	4/30/2019	E-242-2011	10273291	Isolation Of Novel Broadly Neutralizing Monoclonal Antibodies Against HIV-1 Using Epitope-specific Glycoprotein Probes To Identify HIV-1 Specific B-cells
	5/21/2019	E-099-2016	10293005	USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS
	5/28/2019	E-239-2014	10301377	Novel Vaccines And Monoclonal Antibodies Against Middle East Respiratory Syndrome Coronavirus (MERS-CoV)
	6/4/2019	E-135-2010	10307476	Genetically Stable Live Attenuated Vaccine For Respiratory Syncytial Virus (RSV) With An Attenuation And Temperature Sensitive Phenotype Conferred By An Amino Acid Deletion
	6/11/2019	E-285-2002	10314900	Full-length cDNA Sequences COding for Secreted Proteins from the Salivary Glands of Lutzomyia Longipalpis Sand Flies
	7/30/2019	E-066-2014	10363301	Development Of Modified Hemagglutinin Stem Nanoparticles To Elicit Broad Immune Response To Influenza
	8/6/2019	E-004-2009	10369208	Use Of Viral Like Particles (VLPs) In The Development Of A Preventive Vaccine Against Chikungunya
	8/20/2019	E-449-2013	10383960	Small Molecule Imaging Of Fungi By PET Scanning
	9/3/2019	E-178-2014	10400015	Self-Assembling Bi-component Nanoparticles For Display Of Co-assembled Trimeric Antigens
	9/17/2019	E-145-2015	10413527	Substituted Phenylpyrrolecarboxamides With Therapeutic Activity In HIV
	9/24/2019	E-031-2006	10420829	Vaccine Against Chlamydia Trachomatis Sexually Transmitted Diseases And Blinding Trachoma
	9/24/2019	E-248-2006	10421978	A Shuttle Plasmid, Recombinant MVA/HIV1 Clinical Vaccine Constructs And A Mechanism For Enhanced Stability Of Foreign Gene Inserts By Codon Alteration And For Insertion Of Foreign Gene Between Two Vaccinia Virus Essential Genes
	9/24/2019	E-260-2014	10420834	Structure-based Design Of A Fusion Glycoprotein Vaccine For Metapneumovirus
	10/8/2019	E-153-2015	10434116	Identification Of FDA Approved Molecules For The Treatment Of Middle East Respiratory Syndrome (MERs) Coronavirus (CoV)
	10/29/2019	E-357-2001	10456461	West Nile Virus And Dengue Virus Chimeras For Use In A Live Virus Vaccine
	12/10/2019	E-099-2016	10500238	USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS
	12/10/2019	E-120-2001	10500264	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES
	12/10/2019	E-209-2016	10501528	Domain Antibody Against RSV F Protein
	12/10/2019	E-242-2014	10501534	A Monoclonal Antibody Against The N-terminal Portion Of The Circumsporozoite Protein Of Plasmodium Falciparum

IC	Issue Date	Reference No.	Patent No.	Technology Title
	12/31/2019	E-147-2015	10519222	BROADLY NEUTRALIZING, CROSS REACTIVE ANTIBODIES TO HIV-1
	2/18/2020	E-131-2015	10562960	N6, A Novel, Broad, Highly Potent HIV-specific Antibody
	3/3/2020	E-145-2015	10576059	Substituted Phenylpyrrolicarboxamides With Therapeutic Activity In HIV
	3/10/2020	E-154-2010	10584355	Filovirus Vaccines Based On Chimpanzee Adenoviral Vectors
	3/24/2020	E-140-2015	10598655	Antigens For Use In Loa Loa Microfilariae Diagnostics
	5/19/2020	E-099-2016	10653727	USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS
	5/19/2020	E-216-2014	10655109	Versions Of Respiratory Syncytial Virus (RSV) Vaccine Candidate LID Delta M2-2 With Increased Attenuation
	5/19/2020	E-241-2014	10654898	Improved RSV F Protein For Expression From A Heterologous Vector
	5/26/2020	E-136-2013	10662238	Norovirus Specific Nanobodies For Diagnostic And Therapeutic
	6/2/2020	E-099-2016	10668114	USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS
	6/16/2020	E-099-2016	10682379	Use Of Roseomonas Species To Treat Eczematous Skin Disease
	6/16/2020	E-281-2011	10683316	Synthetic Catalase/Superoxide Dismutase Mimetics For Viral Infections
	7/28/2020	E-007-2015	10723803	CD47-targeted Therapies For The Treatment Of Infectious Disease
	7/28/2020	E-139-2006	10724007	Development Of Dengue Virus Type 3 Vaccine Candidates Containing Either 1) Nucleotide Deletions In The 3'-UTR Of The Genome Consisting Of More Than 30 Contiguous Nucleotides In One Or Multiple Regions, Or 2) A 3'-UTR Derived From DEN4 And Containing The Delta30 Deletion
	8/18/2020	E-531-2013	10744199	Development Of Nanoparticle-based Epstein-Barr Virus Vaccines
	9/1/2020	E-064-2015	10759838	Therapeutic Multivalent Toleragen MPMT (MMPT) For Treatment Multiple Sclerosis Disease
	9/1/2020	E-239-2014	10759846	Novel Vaccines And Monoclonal Antibodies Against Middle East Respiratory Syndrome Coronavirus (MERS-CoV)
	8/1/2006	E-100-1999	7084266	Cloned Genome of Infectious Hepatitis C Virus of Genotype 2a and Uses Thereof
<b>NIAMS</b>	6/12/2007	E-353-2001	7229963	Methods Of Using Deacetylase Inhibitors As Tools To Promote Cell Differentiation And Regeneration
	9/14/2010	E-353-2001	7795208	Methods Of Using Deacetylase Inhibitors As Tools To Promote Cell Differentiation And Regeneration
	9/17/2013	E-210-2009	8536148	Disabling Autophagy By Genetic Inactivation In Skeletal Muscle Permits Near Complete Clearance B Enzyme Replacement Therapy (ERT) Of Stored Glycogen From Skeletal Muscle In A Mouse Model Of The Lysosomal Storage Disease, Acid A-glucosidase Deficiency (Pompe Disease)

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	2/18/2014	E-224-2010	8652458	A Nanofibrous Conduit Seeded With Muscle-derived Mesenchymal Progenitor Cells As Trophic Mediators For Peripheral Nerve Regeneration.
	4/29/2014	E-042-2005	8709793	Mechanoactive Microfluidic Imaging Bioreactor
	6/30/2015	E-073-2011	9068003	Monoclonal Anti-mouse And Anti-human TL1A Antibodies For Diagnostic And Therapeutic Uses
	5/23/2017	E-216-2010	9657292	Autoreactive IgE Antibodies Are Pathological In Lupus Nephritis: Potential Use Of Anti-IgE In Treatment Of Lupus Nephritis
	2/20/2018	E-073-2011	9896511	Monoclonal Anti-mouse And Anti-human TL1A Antibodies For Diagnostic And Therapeutic Uses
	7/10/2018	E-216-2010	10017762	Autoreactive IgE Antibodies Are Pathological In Lupus Nephritis: Potential Use Of Anti-IgE In Treatment Of Lupus Nephritis
	3/17/2020	E-073-2011	10590201	Monoclonal Anti-mouse And Anti-human TL1A Antibodies For Diagnostic And Therapeutic Uses
<b>NICHD</b>	6/2/2009	E-020-2004	7541182	In Vitro Test To Detect Risk Of Pre-eclampsia
	7/27/2010	E-023-2002	7763451	Methods for Preparing Bacillus Anthracis Protective Antigen For Use In Vaccines (including use of BH445)
	9/7/2010	E-155-2009	7790463	PREGNANCY BIOMARKER PROFILES, METHODS AND COMPOSITIONS RELATED THERETO
	9/28/2010	E-343-2002	7803386	Poly-Y-D-Glutamic Acid Capsule (PGA)-Bacillus Anthracis Protective Antigen Conjugate Vaccine, Poly-y-D-Glutamic Acid Capsule (PGA)...
	12/7/2010	E-027-2006	7847078	Identification Of Inactivating Mutations Of The PDE11A Gene In A Form Of Micronodular Adrenocortical Hperplasia, An Inherited Form Of Cushing Syndrome
	7/30/2013	E-098-2008	8497122	Plasma Oxysterols As A Biomarker For Niemann-Pick Disease, Type C
	4/22/2014	E-023-2002	8703150	Methods for Preparing Bacillus Anthracis Protective Antigen For Use In Vaccines (including use of BH445)
	8/5/2014	E-183-2005	8795680	New Methods For Conjugation Of Bacterial Lipoligosaccharides To Protein Carriers Through Oxime And Hydrazone Linkages
	3/24/2015	E-167-2009	8987246	Cholesterol Therapy For Autistic Spectrum Disorder
	4/21/2015	E-098-2008	9012216	Plasma Oxysterols As A Biomarker For Niemann-Pick Disease, Type C
	3/15/2016	E-120-2015	9283233	Method For On-demand Contraception
	4/11/2017	E-120-2015	9616073	Method For On-demand Contraception
	4/25/2017	E-157-2011	9629816	Small Molecules (Derivatives Of Hydroxylamine) As Therapeutic Agents For Disorders Caused By Thioesterase Deficiency

IC	Issue Date	Reference No.	Patent No.	Technology Title
	5/9/2017	E-552-2013	9644216	The Enhancer Elements Upstream Of The Human G6PC Minimal Promoter Are Necessary For Efficient Hepatic G6PC Expression
	5/23/2017	E-016-2013	9658233	Use Of High-sensitivity Assay To Measure Midkine Levels In Tissue From A Fine Needle Biopsy In Order To Distinguish Benign From Malignant Thyroid Nodules
	5/30/2017	E-016-2013	9664682	Use Of High-sensitivity Assay To Measure Midkine Levels In Tissue From A Fine Needle Biopsy In Order To Distinguish Benign From Malignant Thyroid Nodules
	10/30/2018	E-552-2013	10113183	The Enhancer Elements Upstream Of The Human G6PC Minimal Promoter Are Necessary For Efficient Hepatic G6PC Expression
	12/25/2018	E-120-2015	10159681	Method For On-demand Contraception
	6/18/2019	E-003-2014	10323083	Human Monoclonal Antibody Fragments For Targeting Therapeutics To Growth Plate Cartilage
	7/16/2019	E-039-2016	10350273	Method For Treatment Of Disorders Of Growth, Puberty And Appetite Regulation Using Antagonists And Agonists Of The Orphan G-protein Coupled Receptor (GPCR), GPR101
	9/17/2019	E-039-2015	10415044	Evaluation Of The Efficacy Of Human G6PC Constructs
	9/15/2020	E-120-2015	10772897	Method For On-demand Contraception
<b>NIDA</b>	6/16/2009	E-134-2006	7547712	A Vaccine That Reduces The Potential For Nicotine Toxicity To The (Human) Fetus During Pregnancy
	4/7/2015	E-044-2012	8999927	Novel GDNF Isoforms And Cis-antisense GDNFOS Gene
	11/24/2015	E-286-2015	9193739	Induction Of Highly Specific Antibodies To A Hapten But Not To A Carrier Peptide By Immunization
<b>NIDCD</b>	1/1/2008	E-169-2001	7314725	Phenylthiocarbamide (PTC) Taste Receptor
	4/7/2009	E-344-2002	7514529	Development of Peptide Minotopes of Lipoligosaccharide From Nontypeable Haemophilus Influenza As Vaccine Candidates
	8/25/2009	E-222-2003	7579453	Human Bitter Taste Receptor Variants
	2/9/2010	E-168-2001	7659115	Transduction-1 And Transductin-2 And Applications to Hereditary Deafness
	2/23/2010	E-169-2001	7666601	Phenylthiocarbamide (PTC) Taste Receptor
	4/3/2012	E-169-2001	8148082	Phenylthiocarbamide (PTC) Taste Receptor
	11/13/2012	E-222-2003	8309701	Human Bitter Taste Receptor Variants
	9/10/2013	E-084-2009	8530167	Diagnostic And Therapeutic Uses Of GNPTAB, GNPTG, And NAGPA In Stuttering
	8/5/2014	E-099-2005	8796441	Human Sweet And Umami Taste Receptor Variants
	10/10/2017	E-222-2003	9783590	Human Bitter Taste Receptor Variants

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NIDCR	8/28/2007	E-268-2002	7261900	Creation of a Stable Recombinant Protective Antigen (rPA) Molecule By Deletions of the Chymotrypsin-Sensitive Loop and the Furin-Cleavage...
	12/2/2008	E-229-2004	7459277	Mammalian T1R3 Sweet Taste Receptors
	3/24/2009	E-015-2002	7507793	Mammals Sweet Taste receptors
	9/15/2009	E-015-2002	7588900	Mammals Sweet Taste receptors
	5/10/2011	E-229-2004	7939279	Mammalian T1R3 Sweet Taste Receptors
	10/9/2012	E-179-2005	8283151	Isolation, Cloning, And Characterization Of Novel Adeno-associated Virus Serotypes
	3/12/2013	E-268-2002	8394387	Creation of a Stable Recombinant Protective Antigen (rPA) Molecule By Deletions of the Chymotrypsin-Sensitive Loop and the Furin-Cleavage...
	7/22/2014	E-018-2009	8785414	Differentially Expressed MicroRNAs From Minor Salivary Glands
	8/19/2014	E-194-2010	8808684	Identification Of EGFR As A Receptor For AAV6 Transduction
	1/6/2015	E-036-2010	8926989	Simple, Quantitative, And Highly Sensitive Antibody Detection For Lyme Disease
	1/6/2015	E-105-2003	8927269	Cloning And Characterization Of An Avian Adeno-Associated Virus And Uses Thereof
	2/10/2015	E-063-2009	8951723	Serological Screening For HHV-8 Infection Using Antigen Mixtures
	10/6/2015	E-300-2008	9151762	Identification Of DSG3 As A Biomarker For The Detection Of Occult Metastasis In Sentinel Lymph Nodes
	11/3/2015	E-018-2003	9175264	Isolation Of Multipotent Post-Natal Stem Cells From Exfoliated Human Primary (Baby) Teeth
	12/15/2015	E-033-2004	9210925	Multipotent Postnatal Stem Cells From Human Periodontal Ligament
	1/19/2016	E-105-2003	9238800	Cloning And Characterization Of An Avian Adeno-Associated Virus And Uses Thereof
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	9/13/2016	E-194-2010	9439979	Identification Of EGFR As A Receptor For AAV6 Transduction
	12/6/2016	E-142-2011	9511103	Treatment Of Diabetes By Expression Of A Novel NGF/exendin-4 Fusion Protein From The Salivary Gland Epithelia
	6/20/2017	E-018-2003	9682107	Isolation Of Multipotent Post-Natal Stem Cells From Exfoliated Human Primary (Baby) Teeth
12/5/2017	E-232-2011	9833519	Diagnosis And Treatment Of Sjogren's Syndrome By Detection And Alteration Of BMP6 Levels Of Expression Locally In The Salivary Gland	
6/5/2018	E-485-2013	9987330	Nppb Is A Transmitter Of Itch Sensation	
8/14/2018	E-033-2004	10046012	Multipotent Postnatal Stem Cells From Human Periodontal Ligament	

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	1/1/2019	E-139-2011	10166299	Treatment Of Autoimmune Xerostomia By AAV2 Mediated Gene Transfer Of Aquaporin 1 To Salivary Gland Epithelia
	1/8/2019	E-619-2013	10172911	Use Of A Specific AVPR1B Agonist To Stimulate (or Antagonists To Inhibit) Erythropoiesis In Humans In Case Of Anaemia Or Polycythemia
	5/28/2019	E-142-2011	10300095	Treatment Of Diabetes By Expression Of A Novel NGF/exendin-4 Fusion Protein From The Salivary Gland Epithelia
	2/18/2020	E-190-2015	10564152	Methods Of Using Neodymium Magnet For Rapid Diagnosis Of Infectious And Autoimmune Diseases
	3/10/2020	E-485-2013	10583173	Nppb Is A Transmitter Of Itch Sensation
	3/10/2020	E-736-2013	10584387	Hepatitis Delta Virus Detected In Sjogren's Syndrome Salivary Glands
<b>NIDDK</b>	2/27/2007	E-064-2004	7183254	The Use Of Leptin For Treating Human Lipotrophy
	7/7/2009	E-166-2001	7557196	HGC-1 A Gene Encoding a Member of The Olfactomedin-Related Protein Family
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	1/3/2012	E-130-2004	8088787	The Discovery And Identification For New Therapeutics Indications, Novel Compounds With Ultra-low Dose (femto-molar) For The Treatment And Prevention Of Neurodegenerative Or Inflammation-associated Diseases.
	11/13/2012	E-057-2005	8309313	Novel Glycated Peptides And Proteins To Serve As Biomarkers For Diabetes Control
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	2/22/2011	E-043-1997	7892786	Complex Media And Low Temperature Are Essential For Production Of Bivalent Immunotoxin In Pichia Pastoris
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	6/14/2016	E-268-2007	9364557	A Fold-back Diabody Format For Diptheria Toxin Based Immunotoxins That Can Increase Binding And Potency With Particular Application To An Anti-prostratic Cancer Immunotoxin A-dmDT390scfbDb(591)
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	5/13/2008	E-202-2002	7371225	METHOD FOR CONVECTION ENHANCED DELIVERY OF THERAPEUTIC AGENTS
	7/6/2010	E-306-2003	7749700	Genetic Fingerprint Of Acute Stroke (2)
	12/14/2010	E-014-2006	7851143	In-vitro Assay To Screen For Enhancement Of Mutated Alpha-galactosidase A (GLA) By Small Molecules Chaperones For Fabry Disease
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	12/3/2013	E-144-2010	8597660	Therapeutic Approach To Neurodegenerative Disorders Using A TFP5-peptide

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	4/16/2019	E-235-2014	10261098	Immune Cell Biomarkers For Diagnosis And Management Of Neuro-immunological Diseases
<b>NINR</b>	12/3/2013	E-280-2010	8597883	Fatigue Polymerase Chain Reaction Chip
	12/1/2015	E-023-2010	9200322	A Gene Expression Biomarker Panel For Diagnosis Of Acute Ischemic Stroke
	6/20/2017	E-349-2013	9683263	Altered Expressions Of Micro Ribonucleic Acid (miRNA) And Messenger RNA Species For Phenotype Identification And Therapy In Digestive And Liver Disorders
<b>NLM</b>	8/25/2015	E-107-2010	9115386	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
	9/20/2016	E-107-2010	9447452	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
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	6/18/2019	E-107-2010	10323269	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
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	10/15/2019	E-107-2010	10443091	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
	11/5/2019	E-107-2010	10465234	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
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	1/14/2020	E-107-2010	10533213	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
	4/7/2020	E-107-2010	10612076	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
	8/4/2020	E-107-2010	10731204	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
	9/8/2020	E-107-2010	10767216	SELECTIVE OXIDATION OF 5-METHYLCYTOSINE BY TET -FAMILY PROTEINS
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