

Antivirals

#	Patent #	Title	Inventor(s)	Features
1	5008252	Process for Inhibiting Herpes Simplex Virus-Specified Thymidine Kinase	Bobek et al.	Compositions and method of selectively inhibiting HSV-specified dThd kinase in mammalian cells infected with HSV (Herpes Simplex Virus), one that poses minimal mutagenic or carcinogenic risk to the host cell. Also decreases the dThd 5'-triphosphate (dTTP) pool of mammalian cells infected with HSV.
2	6319501	Method of Immunizing Against Hepatitis B Virus	Neurath et al.	Improved hepatitis B virus (HBV) vaccine that uses antigens of non-permitted variant sequences within residues S(139-147) of the HBV surface antigen. Provides improved immunology and resistance to mutations. Use of non-permitted sequences enables convenient detection.
3	5856087	Method for Detecting Immune Response to Hepatitis B	Thanavala et al.	Detection of an immune response to HBV vaccine using anti-idiotypic (anti-id) antibody designated 2F10, an "internal-image" antibody capable of mimicking the group-specific "a" determinant of human hepatitis B surface antigen (HBsAg).
4	5846706	Rapid and Sensitive Detection of Herpes Simplex Virus	Greenberg et al.	Nucleic acid sequences (oligonucleotides) useful as primers and/or probes in the detection of a herpes virus in clinical specimens.
5	5744135	Method of Raising an Immune Response With an Anti-Idiotypic Antibody Having Correspondence With Human Hepatitis B Surface Antigen	Thanavala et al.	HBV vaccine: Anti-idiotypic (anti-id) antibody designated 2F10, an "internal-image" antibody capable of mimicking the group-specific "a" determinant of human hepatitis B surface antigen (HBsAg).
6	5668253	Peptide Having Antigenic Properties Similar to a Determinant of Hepatitis B Surface Antigen	Thanavala et al.	HBV vaccine: Anti-idiotypic (anti-id) antibody designated 2F10, an "internal-image" antibody capable of mimicking the group-specific "a" determinant of human hepatitis B surface antigen (HBsAg).
7	5569583	Rapid and Sensitive Detection of Cytomegalovirus	Greenberg et al.	Nucleic acid sequences (oligonucleotides) useful as primers and/or probes in the detection of a herpes virus in clinical specimens. Detection of such viruses enables specific therapeutic treatments, especially for neonatal herpes infection and bone marrow or kidney transplant-related infections.
8	5563125	5'-deoxy-5'-(substituted)alkylthioribose Compounds and Their Pharmaceutical Compositions	Sufrin et al.	Compounds for treating cancers (neoplastic diseases) and parasitic diseases caused by protozoa such as trypanosomiasis and malaria.
9	5531990	Method of Raising an Immune Response With an Anti-Idiotypic Antibody Having Correspondence With Human Hepatitis B Surface Antigen	Thanavala et al.	HBV vaccine: Anti-idiotypic (anti-id) antibody designated 2F10, an "internal-image" antibody capable of mimicking the group-specific "a" determinant of human hepatitis B surface antigen (HBsAg).
10	5484911	Nucleoside 5'-diphosphate Conjugates of Ether Lipids	Hong et al.	Conjugates of anti-HIV nucleosides and antiviral ether and thioether lipids. The conjugates can be presented in the form of micelles which more easily can be taken up by macrophages. Produce "biotransformed prodrugs" for antiviral activity and in combination with cancer chemotherapy.
11	5180714	Adenosine Compounds for the Treatment of Diseases Caused by Parasitic Protozoa	Sufrin et al.	Compounds for treating cancers (neoplastic diseases) and parasitic diseases caused by protozoa such as trypanosomiasis and malaria.