

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Abatacept

A fusion protein immunoconjugate of the extracellular domain of CTLA4 and the Fc domain of human IgG1. It functions as a T-cell co-stimulation blocker that inhibits TNF-ALPHA and prevents the activation of T-LYMPHOCYTES. It is used in the treatment of RHEUMATOID ARTHRITIS.

Tree locations:

Immunoconjugates D12.776.124.486.485.114.580.225
D12.776.124.790.651.114.580.225
D12.776.377.715.548.114.580.225

Abnormal Involuntary Movement Scale

A rating scale that measures INVOLUNTARY MOVEMENTS known as TARDIVE DYSKINESIA.

Tree locations:

Neurologic Examination E01.370.600.550.162

Action Spectrum

A technique used to measure the rate of physiological activity plotted against wavelength of light. An action spectrum depicts the most effective wavelength of light (also known as spectral sensitivity) that is required for each specific process.

Tree locations:

Spectrophotometry E05.196.867.826.150

Adapalene

A naphthalene derivative that has specificity for RETINOIC ACID RECEPTORS. It is used as a DERMATOLOGIC AGENT for the treatment of ACNE.

Tree locations:

Naphthalenes D02.455.426.559.847.638.090
D04.615.638.090

Adenylyl Cyclase Inhibitors

Compounds that bind to and inhibit the action of ADENYLYL CYCLASES.

PI: Adenylyl Cyclase/antagonists & inhibitors (1968-2015)

Tree locations:

Enzyme Inhibitors D27.505.519.389.108

Abiraterone Acetate

An androstene derivative that inhibits STEROID 17-ALPHA-HYDROXYLASE and is used as an ANTINEOPLASTIC AGENT in the treatment of metastatic castration-resistant PROSTATE CANCER.

Tree locations:

Androstenes D04.808.054.079.065

Acne Conglobata

Severe and chronic form of acne characterized by large, burrowing abscesses associated with disfigurement.

PI: Acne Vulgaris (1964-2015)

Tree locations:

Acne Vulgaris C17.800.030.150.500
C17.800.794.111.500

Adalimumab

A humanized monoclonal antibody that binds specifically to TNF-ALPHA and blocks its interaction with endogenous TNF RECEPTORS to modulate INFLAMMATION. It is used in the treatment of RHEUMATOID ARTHRITIS; PSORIATIC ARTHRITIS; CROHN'S DISEASE and ULCERATIVE COLITIS.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.250
Monoclonal, D12.776.124.790.651.114.224.060.250
Humanized D12.776.377.715.548.114.224.200.250

Adapalene, Benzoyl Peroxide Drug Combination

A pharmaceutical preparation of adapalene and benzoyl peroxide that is used as a DERMATOLOGIC AGENT for the topical treatment of ACNE.

PI: Naphthalenes (2007-2015)

PI: Benzoyl Peroxide (2007-2015)

Tree locations:

Adapalene D02.455.426.559.847.638.090.500
D04.615.638.090.500
Benzoyl Peroxide D02.241.223.100.133.500
D02.455.426.559.389.127.133.500
Drug Combinations D26.310.032

Administrative Claims, Healthcare

Information relating to itemized coding of procedures and costs associated with healthcare delivery, used as a means for tracking healthcare utilization, patterns of care, and treatment outcomes.

Tree locations:

Medical Records N04.452.859.564.137

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Adolescent Health

The concept covering the physical and mental conditions of ADOLESCENTS.

FX: Adolescent Medicine

FX: Adolescent Health Services

Tree locations:

Health N01.400.075

Adult Survivors of Child Adverse Events

Persons who experienced traumatic events during childhood.

Tree locations:

Survivors M01.860.300

African Union

A geopolitical organization of African nations with a mission to integrate vital interests, promote international relations, political stability, and economic development among member states.

AN: Cataloger: Use NAF entry

Tree locations:

International Cooperation I01.615.500.125

Organizations N03.540.089

Albumin-Bound Paclitaxel

An injectable formulation of albumin-bound paclitaxel NANOPARTICLES.

Tree locations:

Albumins D12.776.034.073

Paclitaxel D02.455.426.392.368.242.888.777.500

D02.455.849.291.850.777.500

Adult Day Care Centers

Non-residential facilities that are designed to provide care and companionship for seniors who need assistance or supervision during the day.

PI: Day Care, Medical (1981-2015)

FX: Senior Centers

Tree locations:

Community Health Services N02.421.143.065

Advanced Glycosylation End Product-Specific Receptor

A single-pass transmembrane CELL SURFACE RECEPTOR that binds ADVANCED GLYCOSYLATION END PRODUCTS to mediate cellular responses to both acute and chronic vascular inflammation in conditions such as ATHEROSCLEROSIS and DIABETES MELLITUS, TYPE 2 . It also binds AMYLOID BETA PEPTIDES and the alarmins S100A12 and S100 CALCIUM BINDING PROTEIN BETA SUBUNIT.

PI: Receptors, Immunologic (1993-2015)

Tree locations:

Receptors, Cell Surface D12.776.543.750.006

Alarmins

A structurally diverse group of endogenous molecules that includes the HMGB1 PROTEIN; S100 PROTEINS; HSP60, Hsp70, Cathelicidin, IL-33, and DEFENSINS. They are constitutively available, released upon tissue damage, and activate the immune system. Uncontrolled and excessive release of alarmins may contribute to INFLAMMATION; CARCINOGENESIS, and NEOPLASM METASTASIS. Alarmins are also critical for heart and nerve tissue homeostasis.

PI: HMGB1 Protein (2004-2015)

Tree locations:

Intercellular Signaling Peptides and
Proteins D12.644.276.087
D12.776.467.087
D23.529.087

Albuterol, Ipratropium Drug Combination

A combined pharmaceutical preparation of Ipratropium Bromide and Albuterol Sulfate that is used to treat the symptoms of ASTHMA and CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Tree locations:

Albuterol D02.033.100.291.057.125
D02.092.063.291.057.125
D02.092.471.683.061.125
Drug D26.310.344
Combinations
Ipratropium D02.145.074.722.229.400.500
D03.132.760.180.572.400.500
D03.132.889.180.648.400.500
D03.605.869.229.400.500
D04.075.080.875.099.722.229.400.500

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Alcohol Drinking in College

Alcohol consumption among college students.

PI: Alcohol Drinking (1963-2015)

FX: Underage Drinking

Tree locations:

Alcohol Drinking F01.145.317.269.625

Amlodipine Besylate, Olmesartan Medoxomil Drug Combination

A pharmaceutical preparation of amlodipine besylate and olmesartan medoxomil that combines ANGIOTENSIN II TYPE I RECEPTOR ANTAGONIST and CALCIUM CHANNEL BLOCKER activities. It is used in the management of HYPERTENSION.

PI: Amlodipine (2010-2015)

PI: Antihypertensive Agents (2012-2015)

Tree locations:

Amlodipine D03.383.725.203.065.500

Drug Combinations D26.310.063

Olmesartan Medoxomil D03.383.129.308.674.500

D03.383.129.617.584.500

Amlodipine, Valsartan Drug Combination

A pharmaceutical preparation of amlodipine and valsartan that is used for the treatment of HYPERTENSION.

Tree locations:

Amlodipine D03.383.725.203.065.750

Drug Combinations D26.310.094

Valsartan D03.383.129.617.850.500

D12.125.070.950.550.500

D12.125.142.930.500.500

Anger Management Therapy

System of psychological and/or therapeutic techniques used to control and or reduce the triggers, degrees, and effects of ANGER.

Tree locations:

Behavior Therapy F04.754.137.087

Animals, Exotic

Animals native to a foreign country or of foreign origin or character, that are not native to the United States.

AN: use only when specified by author; coordinate with ANIMALS, WILD or ANIMALS, ZOO as needed

Tree locations:

Animal Population Groups B01.050.050.126

Aripiprazole

An antipsychotic agent that is structurally related to piperazines and quinolones. It is a partial agonist of SEROTONIN RECEPTOR, 5-HT1A and DOPAMINE D2 RECEPTORS, where it also functions as a post-synaptic antagonist, and an antagonist of SEROTONIN RECEPTOR, 5-HT2A.

Tree locations:

Piperazines D03.383.606.170

Quinolones D03.438.810.835.122

Armed Conflicts

Any differences arising between two nations or groups and leading to the intervention of armed forces.

Tree locations:

Warfare and Armed Conflicts I01.880.735.950.250

Arterial Switch Operation

Surgical procedure for anatomical correction of transposed great arteries (e.g., DOUBLE OUTLET RIGHT VENTRICLE).

PI: Transposition of Great Vessels (1971-2015)

PI: Cardiac Surgical Procedures (1990-2015)

FX: Transposition of Great Vessels

Tree locations:

Cardiac Surgical Procedures E04.100.376.031

E04.928.220.055

Arthrocentesis

Puncture and aspiration of fluid (e.g., SYNOVIAL FLUID) from a joint cavity. It is used sometimes to irrigate or administer drugs into a joint cavity.

PI: Paracentesis (1996-2015)

Tree locations:

Paracentesis E01.370.225.998.329.465

E02.800.550.310

E04.665.600.465

E05.200.998.329.465

Aspirin, Dipyridamole Drug Combination

A drug combination of aspirin and dipyridamole that functions as a PLATELET AGGREGATION INHIBITOR, used to prevent THROMBOSIS and STROKE in TRANSIENT ISCHEMIC ATTACK patients.

Tree locations:

Aspirin D02.455.426.559.389.657.410.595.176.500

Dipyridamole D03.383.742.175.500

Drug D26.310.125

Combinations

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Ataxin-1

A chromatin-binding factor that represses Notch signaling and associates with RNA. Expansion of the polyglutamine tract by expanded CAG repeats in the ATXN1 gene coding region is associated with SPINOCEREBELLAR ATAXIA 1.

PI: Nerve Tissue Proteins (1995-2015)

PI: Nuclear Proteins (1995-2015)

FX: Spinocerebellar Ataxias

Tree locations:

Ataxins D12.776.641.069.500

D12.776.660.075.500

Ataxin-2

A Poly(A) RNA-binding protein that negatively regulates EGFR ENDOCYTOSIS. An increased risk for developing AMYOTROPHIC LATERAL SCLEROSIS 13 is observed in patients who have more than 23 CAG repeats in the ATXN2 gene coding sequence. Larger CAG expansions in the ATXN2 gene occur in SPINOCEREBELLAR ATAXIA 2 patients.

PI: Nerve Tissue Proteins (2005-2015)

FX: Spinocerebellar Ataxias

Tree locations:

Ataxins D12.776.641.069.750

D12.776.660.075.750

Poly(A)-Binding Proteins D12.776.157.725.452.125

D12.776.664.962.452.125

Ataxin-7

A component of the STAGA transcription coactivator-HAT complex that functions in Cone Rod Homeobox Protein (CRX)-dependent gene activation. It also stabilizes MICROTUBULES. CAG repeat expansion in the ATXN-7 coding region is associated with the development of SPINOCEREBELLAR ATAXIA 7.

PI: Nerve Tissue Proteins (1997-2015)

FX: Spinocerebellar Ataxias

Tree locations:

Ataxins D12.776.641.069.901

D12.776.660.075.900

Atazanavir Sulfate

An azapeptide and HIV-PROTEASE INHIBITOR that is used in the treatment of HIV INFECTIONS and AIDS in combination with other ANTI-HIV AGENTS.

Tree locations:

Oligopeptides D12.644.456.157

Pyridines D03.383.725.068

Ataxin-10

An ataxin that is associated with the survival of cerebellar neurons. Expansion of the ATTCT pentanucleotide in the ATXN10 coding region is associated with SPINOCEREBELLAR ATAXIA 10.

PI: Nerve Tissue Proteins (2006-2015)

Tree locations:

Ataxins D12.776.641.069.950

Ataxin-3

A DEUBIQUITINASE involved in protein homeostasis, transcription, cytoskeleton regulation, and myogenesis. It also acts as a histone-binding protein that represses transcription. CAG repeat expansions in the ATXN3 gene coding region are associated with SPINOCEREBELLAR ATAXIA 3 (SCA3).

PI: Nuclear Proteins (1998-2015)

PI: Nerve Tissue Proteins (1998-2015)

FX: Spinocerebellar Ataxias

Tree locations:

Ataxins D12.776.641.069.875

D12.776.660.075.875

Ubiquitin-Specific D08.811.277.656.300.887.500
Proteases

Ataxins

A family of predominantly nuclear proteins that regulate gene transcription and protein degradation. The expansion of CAG trinucleotide repeats in genes that encode Ataxins is associated with SPINOCEREBELLAR ATAXIAS (SCA). In SCA patients, the number of CAG repeats correlates with the severity of disease and inversely correlates with the age of disease onset.

PI: Nerve Tissue Proteins (1995-2015)

PI: Nuclear Proteins (1995-2015)

FX: Spinocerebellar Ataxias

Tree locations:

Nerve Tissue Proteins D12.776.641.069

Nuclear Proteins D12.776.660.075

Atomoxetine Hydrochloride

A propylamine derivative and selective ADRENERGIC UPTAKE INHIBITOR that is used in the treatment of ATTENTION DEFICIT HYPERACTIVITY DISORDER.

Tree locations:

Propylamines D02.092.831.085

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Atorvastatin Calcium

A pyrrole and heptanoic acid derivative, HYDROXYMETHYLGLUTARYL-COA REDUCTASE INHIBITOR (statin), and ANTICHOLESTEREMIC AGENT that is used to reduce serum levels of LDL-CHOLESTEROL; APOLIPOPROTEIN B; AND TRIGLYCERIDES and to increase serum levels of HDL-CHOLESTEROL in the treatment of HYPERLIPIDEMIAS and prevention of CARDIOVASCULAR DISEASES in patients with multiple risk factors.

Tree locations:

Heptanoic Acids D10.251.450.200
Pyrroles D03.383.129.578.075

Autoimmune Hypophysitis

Immune-mediated inflammation of the PITUITARY GLAND often associated with other autoimmune diseases (e.g., HASHIMOTO DISEASE; GRAVES DISEASE; and ADDISON DISEASE).

PI: Pituitary Diseases (1967-2015)

Tree locations:

Autoimmune Diseases C20.111.273
Pituitary Diseases C10.228.140.617.738.100
C19.700.080

Behavior Observation Techniques

A wide range of formal and informal techniques used to document behavior.

Tree locations:

Psychological Techniques E05.796.112
F04.669.112

Beijing

Capital of CHINA.

PI: China (1966-2015)

Tree locations:

China Z01.252.474.164.225
Cities Z01.433.114

Bevacizumab

An anti-VEGF recombinant monoclonal antibody consisting of humanized murine antibody. It inhibits VEGF receptors and prevents the proliferation of blood vessels.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.375
Monoclonal,
Humanized

Autism Spectrum Disorder

Wide continuum of associated cognitive and neurobehavioral disorders, including, but not limited to, three core-defining features: impairments in socialization, impairments in verbal and nonverbal communication, and restricted and repetitive patterns of behaviors. (from DSM-V)

PI: Child Development Disorders, Pervasive (2010-2015)

Tree locations:

Child Development Disorders, F03.625.164.113
Pervasive

Banking, Personal

A financial account set up between a financial institution (such as a commercial bank) and a customer (individual, group, or business), whereby the latter may deposit and withdraw money, and where applicable, be paid interest.

FX: Medical Savings Accounts

Tree locations:

Accounting N03.219.463.030.100

Behavior Rating Scale

Instrument designed to assess human or animal behavior, using a standardized format.

Tree locations:

Psychological Tests F04.711.271

Bendamustine Hydrochloride

A nitrogen mustard compound that functions as an ALKYLATING ANTINEOPLASTIC AGENT and is used in the treatment of CHRONIC LYMPHOCYTIC LEUKEMIA and NON-HODGKIN'S LYMPHOMA.

Tree locations:

Benzimidazoles D03.438.103.123
Butyrates D02.241.081.114.625
Nitrogen Mustard Compounds D02.455.526.728.650.103

Bimatoprost

A cloprostenol-derived amide that is used as an ANTIHYPERTENSIVE AGENT in the treatment of OPEN-ANGLE GLAUCOMA and OCULAR HYPERTENSION.

Tree locations:

Amides D02.065.141
Cloprostenol D10.251.355.255.550.775.500.175.250
D23.469.050.175.725.775.500.175.250
D23.469.700.670.175.250

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Biobehavioral Sciences

An interdisciplinary scientific approach to the study of complex interactions among biological, social, behavioral, environmental factors, and their effects on health outcomes.

FX: Interdisciplinary Studies

Tree locations:

Behavioral Research H01.770.644.108.687

Bioresonance Therapy

A form of holistic medicine in which ELECTROMAGNETIC WAVES are used to diagnose and treat human and animal illness via manipulation of endogenous electromagnetic oscillations corresponding to the patient's current physiological condition.

FX: Magnetic Field Therapy

Tree locations:

Holistic Health E02.190.321.500

Blogs (*Pub Type*)

A website that contains conversational personal reflections, comments and sometimes links to other sites; typically run by an individual or small group.

AN: This heading is used as a Publication Type. INDEXER:

Do not use

PI: Blogging (2010-2015)

Tree locations:

Biography V01.175.125
V02.170.250
V02.530.150.250

Body Weight Maintenance

Sustaining BODY WEIGHT after BODY WEIGHT CHANGES have been achieved.

Tree locations:

Body Weight G07.700.320.249.314.120.250

Bone-Implant Interface

Region of interaction between the bone and PROSTHESES AND IMPLANTS which becomes bonded through cellular and extracellular interactions similar to OSSEOINTEGRATION.

PI: Osseointegration (1989-2015)

FX: Osseointegration

Tree locations:

Bone and Bones A02.835.232.022
A10.165.265.183
Prostheses and Implants E07.695.125

Biological Mimicry

Resemblance in appearance, structure, function, sound, scent or behavior between related or unrelated species, occurring in the same geographic location.

FX: Biomimetics

Tree locations:

Adaptation, Biological G16.100.057.750

Bipolar and Related Disorders

These disorders are related to both SCHIZOPHRENIA SPECTRUM AND RELATED DISORDERS and DEPRESSIVE DISORDERS in terms of symptomatology, family history, and genetics. (DSM-V) .

Tree locations:

Mental Disorders F03.084

Blood Alcohol Content

Mass of alcohol per unit of BLOOD volume.

FX: Alcoholism

FX: Driving Under the Influence

Tree locations:

Ethanol D02.033.375.135

Body, Physical Appearance

The superficial physical looks, characteristics, or qualities of an individual as distinguished from the underlying unseen nature or attributes.

FX: Body Image

Tree locations:

Body Constitution E01.370.600.115.450
G07.100.175

Bortezomib

A pyrazine and boronic acid derivative that functions as a reversible PROTEASOME INHIBITOR. It is used as an ANTINEOPLASTIC AGENT in the treatment of MULTIPLE MYELOMA and MANTLE CELL LYMPHOMA.

Tree locations:

Boronic Acids D01.029.260.110.500
D01.132.285.500
D02.203.200.500
Pyrazines D03.383.679.450

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Brimonidine Tartrate

A quinoxaline derivative and ADRENERGIC ALPHA-2 RECEPTOR AGONIST that is used to manage INTRAOCULAR PRESSURE associated with OPEN-ANGLE GLAUCOMA and OCULAR HYPERTENSION.

Tree locations:

Quinoxalines D03.438.857.070

Brimonidine Tartrate, Timolol Maleate Drug Combination

A pharmaceutical preparation of brimonidine tartrate and timolol maleate. The combined ADRENERGIC ALPHA2 RECEPTOR AGONIST and ADRENERGIC BETA-ANTAGONIST activity of these drugs reduce INTRAOCULAR PRESSURE in GLAUCOMA patients.

Tree locations:

Brimonidine Tartrate D03.438.857.070.500
Drug Combinations D26.310.312
Timolol D02.033.100.624.915.500
D02.033.755.624.915.500
D02.092.063.624.915.500
D02.886.675.867.768.500
D03.383.129.708.867.768.500

Budesonide, Formoterol Fumarate Drug Combination

A pharmaceutical preparation of budesonide and formoterol fumarate that is used as an ANTI-ASTHMATIC AGENT and for the treatment of CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Tree locations:

Budesonide D04.808.745.745.654.105.500
Drug Combinations D26.310.348
Formoterol Fumarate D02.033.100.291.425.250
D02.092.063.291.425.250

Buprenorphine, Naloxone Drug Combination

A pharmaceutical preparation that combines buprenorphine, an OPIOID ANALGESIC with naloxone, a NARCOTIC ANTAGONIST to reduce the potential for NARCOTIC DEPENDENCE in the treatment of pain. It may also be used for OPIATE SUBSTITUTION THERAPY.

Tree locations:

Buprenorphine D03.132.577.249.150.500
D03.549.686.150.500
D03.605.497.150.500
D04.615.723.795.150.500
Drug Combinations D26.310.352
Naloxone D03.132.577.249.706.275
D03.549.686.750.275
D03.605.497.750.275
D04.615.723.795.706.275

Calceolariaceae

A family in the order Lamiales with several species that are used in TRADITIONAL MEDICINE.

Tree locations:

Lamiales B01.650.940.800.575.100.583.190

Canagliflozin

A glucoside-derived SODIUM-GLUCOSE TRANSPORTER 2 inhibitor that stimulates urinary excretion of glucose by suppressing renal glucose reabsorption. It is used to manage BLOOD GLUCOSE levels in patients with TYPE 2 DIABETES.

Tree locations:

Glucosides D09.408.348.113
Thiophenes D02.886.778.075
D03.383.903.075

Canaliculitis

Inflammation and infection of the lacrimal canaliculus area in the LACRIMAL APPARATUS.

PI: Dacryocystitis (1977-2015)

PI: Lacrimal Apparatus Diseases (1973-2015)

FX: Corneal Ulcer

Tree locations:

Dacryocystitis C11.496.221.500

Capecitabine

A deoxycytidine derivative and fluorouracil PRODRUG that is used as an ANTINEOPLASTIC ANTIMETABOLITE in the treatment of COLON CANCER; BREAST CANCER and GASTRIC CANCER.

Tree locations:

Deoxycytidine D03.383.742.680.245.500.425
D13.570.230.329.313
D13.570.685.245.500.425
Fluorouracil D03.383.742.698.875.404.425

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Celecoxib

A pyrazole derivative and selective CYCLOOXYGENASE 2 INHIBITOR that is used to treat symptoms associated with RHEUMATOID ARTHRITIS; OSTEOARTHRITIS and JUVENILE ARTHRITIS, as well as the management of ACUTE PAIN.

Tree locations:

Pyrazoles D03.383.129.539.160
Sulfonamides D02.065.884.247
D02.886.590.700.247

CELF1 Protein

A member of the CELF PROTEINS family which binds GU rich elements (GRES) and CUG-triplet repeats in the 3'UTR of mammalian mRNA transcripts that undergo rapid turnover. It also binds AU-rich elements (AREs or EDEN-like) in the 3'UTR of JUN and FOS mRNAs. Mutations in the human CELF1 gene are associated with MYOTONIC DYSTROPHY type 1.

PI: RNA-Binding Proteins (2005-2015)

Tree locations:

CELF Proteins D12.776.157.725.813.250.500
D12.776.664.962.813.250.500

Cell Self Renewal

The ability of certain cell types, such as progenitor cells or tumor cells, to go through numerous cycles of CELL DIVISION while still maintaining an undifferentiated or partially differentiated state.

PI: Cell Differentiation (1966-2015)

FX: Stem Cells

Tree locations:

Cell Division G04.299.134.220.235
G04.299.233.750.500.375
G05.355.105.415
G07.700.320.249.410.750.500.625

Censorship, Research

The act or practice of scrutinizing the practice of scientific research for the purpose of preventing or suppressing the unethical applications as well knowledge derived from it.

FX: Dual Use Research

FX: Ethics

Tree locations:

Ethics, Research K01.752.566.479.173.200
N05.350.670.250
Social Control, Formal I01.880.604.238

CELF Proteins

A family of RRM proteins which contain two N-terminal RNA RECOGNITION MOTIF (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 amino acids between the second and third RRM domains. They regulate pre-mRNA ALTERNATIVE SPLICING and also function in RNA EDITING and PROTEIN BIOSYNTHESIS.

PI: RNA-Binding Proteins (2005-2015)

Tree locations:

RNA Recognition Motif (RRM) D12.776.157.725.813.250
Proteins D12.776.664.962.813.250

Cell Plasticity

The ability of a cell to change its PHENOTYPE in response to changes in the environment.

PI: Cell Differentiation (1966-2015)

FX: Neuronal Plasticity

Tree locations:

Cell Transdifferentiation G04.299.335.250

Cellular Reprogramming Techniques

Procedures used for the induction of CELLULAR REPROGRAMMING to change the terminal phenotype of a cell, such as the generation of INDUCED PLURIPOTENT STEM CELLS from differentiated adult cells by the forced expression of specific genes.

PI: Cellular Reprogramming (2015)

PI: Cell Dedifferentiation (2008-2015)

FX: Cellular Reprogramming

Tree locations:

Cytological Techniques E05.200.500.380
E05.242.378
Genetic Techniques E05.393.085

Certolizumab Pegol

A polyethylene-glycolated Fab' fragment of TUMOR NECROSIS FACTOR antibody that binds specifically to TNF-ALPHA and neutralises it in a dose-dependent manner. It also inhibits the production of lipopolysaccharide-induced TNF-ALPHA and IL-1 BETA and is used to treat RHEUMATOID ARTHRITIS and PSORIATIC ARTHRITIS.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.500
Monoclonal, D12.776.124.790.651.114.224.060.500
Humanized D12.776.377.715.548.114.224.200.500
Immunoglobulin D12.644.541.500.650.250
Fab Fragments D12.776.124.486.485.680.650.250
D12.776.124.790.651.680.650.250
D12.776.377.715.548.680.650.250
Polyethylene D05.750.741.125
Glycols D25.720.741.125
J01.637.051.720.741.125

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Cetuximab

A chimeric monoclonal antibody that functions as an ANTINEOPLASTIC AGENT through its binding to the EPIDERMAL GROWTH FACTOR RECEPTOR, where it prevents the binding and signaling action of cell growth and survival factors.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.750
Monoclonal, D12.776.124.790.651.114.224.060.750
Humanized D12.776.377.715.548.114.224.200.750

Child Protective Services

Local governmental offices which investigate reports of abuse and neglect of children, and act to assure a safe environment for minors.

FX: Social Work

Tree locations:

Government Agencies I01.409.418.500
N03.540.400.500

Children's Health Insurance Program

Federal program, enacted in 1997, for the funding of children's health insurance coverage at the state level for low-income families, affording them effective protection against erosions in employer sponsored coverage.

AN: CATALOGER: Use NAF entry

Tree locations:

Insurance, Health N03.219.521.576.343.071
State Health Plans N03.349.650.480.500

Cinacalcet Hydrochloride

A naphthalene derivative and CALCIMIMETIC AGENT that increases the sensitivity of PARATHYROID GLAND calcium-sensing receptors to serum calcium. This action reduces parathyroid hormone secretion and decreases serum calcium in the treatment of PARATHYROID DISEASES.

Tree locations:

Naphthalenes D02.455.426.559.847.638.183
D04.615.638.183

Clinical Studies as Topic

Works about research studies that evaluate interventions or exposures on biomedical or health-related outcomes. The two main types of clinical studies are interventional studies (clinical trials) and observational studies.

AN: for general design, methodology, economics, etc. of clinical studies; a different heading CLINICAL STUDY is used for reports of a specific clinical study

Tree locations:

Epidemiologic Study E05.318.760.250
Characteristics as Topic N05.715.360.775.088
N06.850.520.450.250

Child Health

The concept covering the physical and mental conditions of CHILDREN.

PI: Child Welfare (1978-2015)

PI: Child Health Services (1978-2015)

FX: Child Welfare

FX: Child Health Services

Tree locations:

Health N01.400.225

Childhood-Onset Fluency Disorder

Disturbances in the normal fluency and time patterning of speech that are inappropriate for the individual's age and language skills. (DSM-V)

PI: Communication Disorders (1990-2015)

Tree locations:

Communication Disorders F03.625.374.125

Chronopharmacokinetics

Absorption, metabolism and elimination of drugs in relation to time of day at which they are administered, and the mechanisms responsible for time-dependent variations.

FX: Drug Chronotherapy

Tree locations:

Pharmacokinetics G07.690.725.249

Clinical Decision-Making

Process of formulating a diagnosis based on medical history and physical or mental examinations, and/or choosing an appropriate intervention.

AN: use DECISION MAKING for decision making by the patient

PI: Decision Making (1972-2015)

FX: Decision Support Techniques

FX: Decision Support Systems, Clinical

Tree locations:

Diagnosis E01.055

Clinical Study (Pub Type)

A work that reports on the results of a research study to evaluate interventions or exposures on biomedical or health-related outcomes. The two main types of clinical studies are interventional studies (clinical trials) and observational studies. While most clinical studies concern humans, this publication type may be used for clinical veterinary articles meeting the requisites for humans.

AN: This heading is used as a Publication Type for original report of the conduct or results of a specific clinical study. A different heading CLINICAL STUDIES AS TOPIC is used for general design, methodology, economics, etc. of clinical studies. Prefer the specifics: CLINICAL TRIAL or OBSERVATIONAL STUDY.

Tree locations:

Study Characteristics V03.175

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Clostridiales

An order of anaerobic bacteria that are predominantly GRAM POSITIVE within the phylum Firmicutes. It includes the Clostridium and Eubacterium genera.

PI: Bacteria (2001-2015)

Tree locations:

Firmicutes B03.353.625

Coal Industry

Enterprise associated with the mining, processing, marketing and distribution of COAL.

AN: test

FX: Fossil Fuels

Tree locations:

Extraction and Processing Industry J01.576.655.875.200

Cognitive Aging

Phenomenon that occurs when learning and memory abilities decrease naturally due to age.

PI: Aging (1984-2015)

FX: Cognition Disorders

Tree locations:

Aging G07.700.320.124.260

Cold Injury

A physical injury caused by exposure of the body to extremely low ambient temperatures that may lead to loss of body parts, or in extreme cases, death. Examples of cold injury are FROSTBITE and CHILBLAINS.

Tree locations:

Wounds and Injuries C26.212

Compassion Fatigue

Stress response that occurs in individuals working in care giving professions.

FX: Burnout, Professional

FX: Stress Disorders, Post-Traumatic

Tree locations:

Mental Fatigue C23.888.369.500.500

F01.145.126.937.500

Stress, Psychological F01.145.126.990.469

F02.830.900.333

Concierge Medicine

An arrangement in which a patient pays an annual fee to a physician in exchange for services over and beyond normal insurance-reimbursed services.

PI: Health Services Accessibility (2000-2015)

Tree locations:

Practice Management, Medical N04.452.758.708.450.500

Cloud Computing

Storing and processing data on multiple servers that can be accessed through the Internet.

FX: Technology

Tree locations:

Computing Methodologies L01.224.097

Cobicistat

A carbamate and thiazole derivative that functions as a CYTOCHROME P450 CYP3A INHIBITOR to enhance the concentration of ANTI-HIV AGENTS, with which it is used in combination, for the treatment of HIV INFECTIONS.

Tree locations:

Carbamates D02.241.081.251.203

Thiazoles D02.886.675.182

D03.383.129.708.189

Cognitive Neuroscience

Field of study concerning MENTAL PROCESSES, LEARNING, and the brain regions associated with them.

AN: use for the discipline only (education, history, etc)

Tree locations:

Cognitive Science F04.096.628.255.500

Neurosciences H01.158.610.030

Colesevelam Hydrochloride

An allylamine derivative that binds BILE ACIDS in the intestine and is used as an ANTICHOLESTEREMIC AGENT in the treatment of HYPERCHOLESTEROLEMIA and HYPERLIPIDEMIAS.

Tree locations:

Allylamine D02.092.050.500

D02.455.326.271.122.100.500

Computer Heuristics

Trial-and-error methods of problem-solving used when an algorithmic approach is impractical

FX: Heuristics

Tree locations:

Artificial Intelligence L01.224.050.375.095

Contraceptive Prevalence Surveys

Surveys that measure the usage rate of CONTRACEPTIVE DEVICES or CONTRACEPTIVE AGENTS.

Tree locations:

Surveys and Questionnaires E05.318.308.980.313

L01.280.960.233

N05.715.360.300.800.313

N06.850.520.308.980.313

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Cosmeceuticals

COSMETICS that are associated with therapeutic effects.

PI: Cosmetics (2000-2015)

Tree locations:

Cosmetics D27.720.269.285
Pharmaceutical Preparations D26.074

Criminal Behavior

Conduct leading to commission of unlawful acts.

PI: Criminal Psychology (1963-2015)

FX: Crime

FX: Criminal Psychology

FX: Criminals

Tree locations:

Behavior F01.145.250

Crop Production

The science and practice of cultivating PLANTS that have economic value to man. It includes plant breeding, seed production, weeding, use of fertilizers, harvesting, storage, transportation, and marketing.

PI: Agriculture (1978-2015)

Tree locations:

Agriculture J01.040.227

Culturally Appropriate Technology

A SCIENCE or TECHNOLOGY that promotes self-sufficiency and is suitable to the cultural, environmental, economic and social conditions of the geographic area in which it is applied.

FX: Diffusion of Innovation

Tree locations:

Technology J01.897.052

Darbepoetin alfa

A recombinant protein which stimulates ERYTHROPOIESIS used to treat ANEMIA.

Tree locations:

Erythropoietin D12.776.395.240.150.500

Dasatinib

A pyrimidine and thiazole derived ANTINEOPLASTIC AGENT and PROTEIN KINASE INHIBITOR of BCR-ABL KINASE. It is used in the treatment of patients with CHRONIC MYELOID LEUKEMIA who are resistant or intolerant to IMATINIB.

Tree locations:

Pyrimidines D03.383.742.148
Thiazoles D02.886.675.184
D03.383.129.708.198

Crew Resource Management, Healthcare

A range of healthcare related training designed to reduce MEDICAL ERRORS and improve PATIENT SAFETY by emphasizing TEAMWORK and human factors (see HUMAN ENGINEERING).

PI: Patient Care Team (2000-2015)

Tree locations:

Patient Care Management N04.590.254

Critical Care Outcomes

A measure of the mortality and morbidity rates among patients who receive CRITICAL CARE and INTENSIVE CARE as determined from the date of hospital discharge or release.

Tree locations:

Outcome Assessment (Health N05.715.360.575.575.200
Care)
Patient Outcome Assessment N04.761.559.590.399.250

Crop Protection

The science and practice of preventing, minimizing, or eliminating damage to AGRICULTURAL CROPS by pest organisms, weeds, and disease-causing agents.

Tree locations:

Agriculture J01.040.237

Dabigatran

A THROMBIN inhibitor which acts by binding and blocking thrombogenic activity and the prevention of thrombus formation. It is used to reduce the risk of stroke and systemic EMBOLISM in patients with nonvalvular atrial fibrillation.

Tree locations:

Benzimidazoles D03.438.103.280
Pyridines D03.383.725.192

Darunavir

An HIV PROTEASE INHIBITOR that is used in the treatment of AIDS and HIV INFECTIONS. Due to the emergence of ANTIVIRAL DRUG RESISTANCE when used alone, it is administered in combination with other ANTI-HIV AGENTS.

Tree locations:

Carbamates D02.241.081.251.222
Furans D03.383.312.303
Sulfonamides D02.065.884.438
D02.886.590.700.400

Data Accuracy

A measure of scientific precision, exactness, or correctness of quantitative or qualitative values, relative to the actual or true measurements.

Tree locations:

Data Collection E05.318.308.028
L01.280.202
N05.715.360.300.202
Reproducibility of Results E05.318.780.725.250
N05.715.360.780.685.250

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Data Anonymization

Making information permanently non-identifiable that is associated with the identity of specific entities via encryption or other methods.

FX: Personally Identifiable Information

Tree locations:

Computer Security L01.209.500
N04.452.910.200.500
Confidentiality N03.706.437.650.124.160
Research H01.770.644.205

Denosumab

A humanized monoclonal antibody and an inhibitor of the RANK LIGAND, which regulates OSTEOCLAST differentiation and bone remodeling. It is used as a BONE DENSITY CONSERVATION AGENT in the treatment of OSTEOPOROSIS.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.782
Monoclonal, D12.776.124.790.651.114.224.060.782
Humanized D12.776.377.715.548.114.224.200.782

Dermal Fillers

Materials such as COLLAGEN or HYALURONIC ACID that are injected or deposited into the DERMIS for the purpose of skin augmentation.

FX: Injections, Subcutaneous
FX: Administration, Cutaneous
FX: Cosmetic Techniques

Tree locations:

Biomedical and Dental Materials D27.720.102.461

Diet, Food, and Nutrition

Concepts involved with nutritional physiology, including categories of substances eaten for sustenance, nutritional phenomena and processes, eating patterns and habits, and measurable nutritional parameters.

AN: used for searching; INDEXER: Do not use;
CATALOGER: Do not use

Tree locations:

Physiological Phenomena G07.203

Digital Divide

Gap between individuals, households, businesses and geographic areas at different socioeconomic levels with regard to both their opportunities to access electronic information and communication technologies (ICTs). Their use of the Internet for a wide variety of activities, reflects various differences among and within countries.

Tree locations:

Communication Barriers L01.143.230.500

Defamation

Public false statements that are illegal and damaging to the reputation of a person, group, business, organization, or institution.

FX: Jurisprudence

Tree locations:

Crime I01.198.240.240
I01.880.735.191.051

Deprescriptions

Directions written to discontinue use of PRESCRIPTION DRUGS in order to reduce unnecessary and/or excessive medications (see POLYPHARMACY), DRUG SIDE EFFECTS and ADVERSE DRUG REACTION.

PI: Drug Prescriptions (2007-2015)

FX: Potentially Inappropriate Medication List

FX: Inappropriate Prescribing

Tree locations:

Polypharmacy E02.319.698.500

Desvenlafaxine Succinate

A cyclohexanol and phenol derivative and metabolite of venlafaxine that functions as a SEROTONIN AND NORADRENALINE REUPTAKE INHIBITOR (SNRI) and is used as an ANTIDEPRESSIVE AGENT.

Tree locations:

Cyclohexanols D02.033.415.510.500.303
D02.455.426.392.368.367.318.500
D10.289.510.500.303
Phenols D02.455.426.559.389.657.265

Diet, Vegan

Dietary practice of avoiding animal products in any form.

PI: Diet, Vegetarian (1967-2015)

FX: Vegans

Tree locations:

Diet, Vegetarian E02.642.249.300.750
G07.203.650.240.300.750

Dimethyl Fumarate

A fumarate derivative that is used as a DERMATOLOGIC AGENT in the treatment of PSORIASIS and SKIN DISEASES. It also may be used as an IMMUNOSUPPRESSIVE AGENT in the treatment of MULTIPLE SCLEROSIS.

Tree locations:

Fumarates D02.241.081.337.302.500

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Diplomacy

The art and practice of conducting negotiations between people, nations or other parties such as organizations.

Tree locations:

Group Processes F01.829.316.171
Negotiating F02.463.785.373.520.500
Politics I01.738.305

Direct-To-Consumer Screening and Testing

Laboratory testing and diagnostic imaging services offered to consumers outside of the patient-physician relationship.

FX: Diagnostic Self Evaluation

Tree locations:

Diagnostic Services N02.421.726.233.166
Diagnostic Techniques and Procedures E01.370.398

Dose Hypofractionation

A treatment schedule in which the total dose of radiation is divided into large doses.

FX: Radiation

Tree locations:

Dose Fractionation E02.815.639.200.500
Radiotherapy Dosage E02.815.639.600

Drosophila simulans

A species of fruit fly.

PI: Drosophila (1963-2015)

Tree locations:

Drosophila B01.050.500.131.617.289.310.250.750

Dual Use Research

Concept relating to technologies and/or information emanating from research that holds the potential for both benevolent and malevolent applications to humanity and the environment.

FX: Censorship, Research

Tree locations:

Research H01.770.644.217

Dutasteride

A 5-ALPHA-REDUCTASE INHIBITOR that is reported to inhibit both type-1 and type2 isoforms of the enzyme and is used to treat BENIGN PROSTATIC HYPERPLASIA.

Tree locations:

Azasteroids D04.808.925.100.125

Direct-to-Consumer Advertising

Advertising that directly targets consumers of certain products such as pharmaceuticals.

Tree locations:

Advertising as Topic J01.219.687.274.500

Distance Counseling

Counseling conducted via electronic or other non-face-to-face interactions.

PI: Counseling (2005-2015)

Tree locations:

Counseling F02.784.176.350
F04.408.413.437
N02.421.143.303.175
N02.421.461.363.437
Remote Consultation N04.452.758.849.550.500

Driving Under the Influence

Operating a motor vehicle while impaired by alcohol or other drugs including those prescribed by physicians.

PI: Automobile Driving (1967-2015)

Tree locations:

Automobile Driving I03.125.649
Criminal Behavior F01.145.250.250
Dangerous Behavior F01.145.263.500
I01.880.735.223.250

Drug Resistant Epilepsy

Epileptic condition in which adequate trials of two tolerated and appropriately chosen and used ANTIEPILEPTIC DRUGS schedules to achieve sustained seizure freedom failed.

PI: Epilepsy (1968-2015)

Tree locations:

Epilepsy C10.228.140.490.125

Duloxetine Hydrochloride

A thiophene derivative and selective NEUROTRANSMITTER UPTAKE INHIBITOR for SEROTONIN and NORADRENALINE (SNRI). It is an ANTIDEPRESSIVE AGENT and ANXIOLYTIC, and is also used for the treatment of pain in patients with DIABETES MELLITUS and FIBROMYALGIA.

Tree locations:

Thiophenes D02.886.778.260
D03.383.903.260

Dynamic Light Scattering

An analytical technique for measuring particle size of molecules that are less than a micron in diameter dispersed or dissolved in a liquid.

PI: Scattering, Radiation (1974-2015)

Tree locations:

Scattering, Radiation E05.196.822.325

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Ectopic Gene Expression

The expression of a gene in an abnormal place, or at an abnormal time in an organism. Ectopic Gene Expression is often induced artificially by genetic techniques.

PI: Gene Expression Regulation (1981-2015)

Tree locations:

Gene Expression Regulation G05.355.315.202

ELAV-Like Protein 1

An RRM protein that binds to the 3'-UTR region of mRNAs and increases their stability. In EMBRYONIC STEM CELLS, it binds to poly-U elements and AU-rich elements (AREs) in the 3'-UTR of target mRNAs and preferentially binds mRNAs that are not methylated by N6-methyladenosine (m6A), to stabilize them and promote differentiation.

PI: ELAV Proteins (2005-2015)

PI: RNA-Binding Proteins (2000-2015)

Tree locations:

ELAV Proteins D12.776.157.725.813.500.250
D12.776.664.962.813.500.250

ELAV-Like Protein 3

A neural-specific RRM protein which contains three RNP-type RNA recognition motifs (RRMs). Human ELAVL3 is recognized by the anti-Hu serum antibody from patients with paraneoplastic encephalomyelitis and sensory neuronopathy (PEM/PSN). It also functions in neurogenesis.

PI: ELAV Proteins (2005-2015)

Tree locations:

ELAV Proteins D12.776.157.725.813.500.750
D12.776.641.520.750
D12.776.664.962.813.500.750

Electrocorticography

Recording of brain electrical activities in which the electrodes are placed directly on the CEREBRAL CORTEX.

PI: Electroencephalography (1965-2015)

Tree locations:

Electroencephalography E01.370.376.300.294
E01.370.405.245.431

Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination

Inhibitor or Reverse Transcriptases or of RNA-directed DNA polymerase.

FX: Antiretroviral Therapy, Highly Active

Tree locations:

Drug Combinations D26.310.375
Emtricitabine D03.383.742.680.245.500.600.125
Oxazines D03.383.533.375
Tenofovir D02.705.429.906.125
D03.438.759.138.881.125

ELAV-Like Protein 2

A neural-specific RRM protein that binds to several 3'UTRs, including its own as well as that of PROTO-ONCOGENE PROTEINS C-FOS and ID DNA BINDING PROTEIN INHIBITOR. It binds through the recognition of a GAAA motif in the RNAs.

PI: ELAV Proteins (2005-2015)

Tree locations:

ELAV Proteins D12.776.157.725.813.500.500
D12.776.641.520.500
D12.776.664.962.813.500.500

ELAV-Like Protein 4

An RRM protein which binds AU-rich sequences in the 3' UNTRANSLATED REGIONS of mRNAs for PROTO-ONCOGENE PROTEINS C-FOS; CYCLIN-DEPENDENT KINASE INHIBITOR P21; and GAP-43 PROTEIN. It functions in neuron-specific RNA processing.

PI: ELAV Proteins (2005-2015)

Tree locations:

ELAV Proteins D12.776.157.725.813.500.875
D12.776.641.520.875
D12.776.664.962.813.500.875

Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination

A pharmaceutical preparation of the ANTI-HIV AGENTS elvitegravir, cobicistat, emtricitabine, and tenofovir disoproxil fumarate that is used in the treatment of HIV INFECTIONS.

Tree locations:

Cobicistat D02.241.081.251.203.500
D02.886.675.182.500
D03.383.129.708.189.500
Drug Combinations D26.310.391
Emtricitabine D03.383.742.680.245.500.600.250
D13.570.230.329.525.250
D13.570.685.245.500.600.250
Tenofovir D02.705.429.906.250
D03.438.759.138.881.250

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Embryonic Germ Cells

PLURIPOTENT STEM CELLS that are derived from early GERM CELLS.

PI: Germ Cells (1974-2015)

Tree locations:

Embryonic Stem Cells A11.872.700.250.625
Germ Cells A11.497.124

Emtricitabine

A deoxycytidine analog and REVERSE TRANSCRIPTASE INHIBITOR with antiviral activity against HIV-1 and HEPATITIS B viruses. It is used to treat HIV INFECTIONS.

Tree locations:

Deoxycytidine D03.383.742.680.245.500.600
D13.570.230.329.525
D13.570.685.245.500.600

Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination

A pharmaceutical preparation of emtricitabine and tenofovir that is used as an ANTI-HIV AGENT in the treatment and prevention of HIV INFECTIONS.

Tree locations:

Drug Combinations D26.310.423
Emtricitabine D03.383.742.680.245.500.600.750
D13.570.230.329.525.500
D13.570.685.245.500.600.500
Tenofovir D02.705.429.906.750
D03.438.759.138.881.750

Epoetin Alfa

A recombinant glycosylated form of erythropoietin which stimulates the differentiation and proliferation of erythroid precursors. It is used for the treatment of ANEMIA associated with CHRONIC RENAL FAILURE in dialysis and predialysis patients.

Tree locations:

Erythropoietin D12.644.276.374.410.240.150.500
D12.776.395.240.150.750
D12.776.467.374.410.240.150.500
D23.529.374.410.240.150.750

Emotional Adjustment

Psychological process that occurs when an individual adapts to a significant emotional event or stimulus.

FX: Adjustment Disorders

FX: Social Adjustment

Tree locations:

Adaptation, Psychological F01.058.144
Emotional Intelligence F01.752.543.500.250

Emtricitabine, Rilpivirine, Tenofovir Drug Combination

A pharmaceutical preparation that contains emtricitabine, rilpivirine and tenofovir disoproxil fumarate. It is used to treat HIV INFECTIONS.

Tree locations:

Drug Combinations D26.310.407
Emtricitabine D03.383.742.680.245.500.600.500
Rilpivirine D02.626.809.500
D03.383.742.755.500
Tenofovir D02.705.429.906.500
D03.438.759.138.881.500

Environmental Psychology

The field that studies interactions between individuals and the built and natural environment. It includes investigating behaviors that inhibit or foster sustainable, climate-healthy, and nature-enhancing choices.

AN: use for the discipline (education, history, etc) only

FX: Environmental Medicine

FX: Ecology

Tree locations:

Psychology F04.096.628.033

Erlotinib Hydrochloride

A quinazoline derivative and ANTINEOPLASTIC AGENT that functions as a PROTEIN KINASE INHIBITOR for EGFR associated tyrosine kinase. It is used in the treatment of NON-SMALL CELL LUNG CANCER.

Tree locations:

Quinazolines D03.438.786.375

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Eszopiclone

A pyridine, pyrazine, and piperazine derivative that is used as a HYPNOTIC AND SEDATIVE in the treatment of INSOMNIA.

Tree locations:

Piperazines D03.383.606.398
Pyrazines D03.383.679.600
Pyridines D03.383.725.322

Eugenia

A genus in the family Myrtaceae sometimes known as "stoppers" in FOLK MEDICINE. Many species of the genus SYZYGIUM have synonymous names that begin with the Eugenia genus name.

PI: Syzygium (2002-2015)

Tree locations:

Myrtaceae B01.650.940.800.575.100.773.374

Evidence-Based Facility Design

An approach, process, or methodology which emphasizes credible evidence and the best available scientific knowledge, judiciously integrated to achieve the best possible outcomes in structural design. For example, the design of a new OUTPATIENT CLINIC might incorporate a review of published research on outpatient clinic design, decisions on similar past projects, along with interviews with staff and consumers.

Tree locations:

Facility Design and Construction N02.278.200.252

Exposure to Violence

Experience of and exposure to VIOLENCE.

Tree locations:

Violence I01.880.735.900.869

Ezetimibe

An azetidine derivative and ANTICHOLESTEREMIC AGENT that inhibits intestinal STEROL absorption. It is used to reduce total CHOLESTEROL; LDL CHOLESTEROL, and APOLIPOPROTEINS B in the treatment of HYPERLIPIDEMIAS.

Tree locations:

Azetidines D03.383.082.301.550

Etanercept

A recombinant version of soluble human TNF receptor that binds specifically to TUMOR NECROSIS FACTOR and inhibits its binding with endogenous TNF receptors. It prevents the inflammatory effect of TNF and is used to treat RHEUMATOID ARTHRITIS; PSORIATIC ARTHRITIS and ANKYLOSING SPONDYLITIS.

Tree locations:

Immunoglobulin D12.776.124.486.485.114.619.393.261
G D12.776.124.790.651.114.619.393.261
D12.776.377.715.548.114.619.393.261
Receptors, Tumor D12.776.543.750.705.852.760.232
Necrosis Factor

Everolimus

A derivative of sirolimus and an inhibitor of TOR SERINE-THREONINE KINASES. It is used to prevent GRAFT REJECTION in heart and kidney transplant patients by blocking cell proliferation signals. It is also an ANTINEOPLASTIC AGENT.

Tree locations:

Sirolimus D02.540.505.760.500

Exoskeleton Device

Device designed to wear externally to support muscular skeletal system in various movements such as RANGE OF MOTIONS; WEIGHT-BEARING; GAIT; and LOCOMOTION.

PI: Robotics (1999-2015)

PI: Orthotic Devices (2006-2015)

FX: Robotics

Tree locations:

Equipment and Supplies E07.341

Extracellular Vesicles

Membrane limited structures derived from cell membranes and cytoplasmic material, and released into EXTRACELLULAR SPACE. They circulate through the EXTRACELLULAR FLUID and through the peripheral blood in the MICROVASCULATURE where cells, much larger, cannot, thereby affecting a variety of intercellular communication processes.

Tree locations:

Extracellular Space A11.284.295.588

Ezetimibe, Simvastatin Drug Combination

A pharmaceutical preparation of ezetimibe and simvastatin that is used in the treatment of HYPERCHOLESTEROLEMIA and HYPERLIPIDEMIAS.

Tree locations:

Drug D26.310.431
Combinations
Ezetimibe D03.383.082.301.550.500
Simvastatin D02.455.426.559.847.638.400.900.500
D04.615.638.400.900.500

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Facial Recognition

Ability to identify an individual and interpret their feelings and emotions based on their facial expressions.

PI: Pattern Recognition, Visual (1977-2015)

Tree locations:

Pattern Recognition, Visual F02.463.593.524.500.500
F02.463.593.932.622.500

Failure to Rescue, Health Care

Inability to prevent a clinical deterioration resulting from a complication of an underlying medical condition or a complication of medical care. It implies that common risk factors for such a complication were not recognized in a timely manner or treated appropriately.

PI: Resuscitation (1992-2015)

PI: Treatment Failure (2005-2015)

Tree locations:

Outcome Assessment H01.770.644.145.431.500
(Health Care) N04.761.559.590.200
N05.715.360.575.575.300
Treatment Failure E01.789.800.760.500
N04.761.559.590.800.760.500
N05.715.360.575.575.800.760.500

Fallopia

Genus of flowering herbaceous perennial plants and vines in the family Polygonaceae.

Tree locations:

Polygonaceae B01.650.940.800.575.100.825.359

Fallopia multiflora

A species of Fallopia in the buckwheat family (Polygonaceae). Its roots are used in TRADITIONAL CHINESE MEDICINE.

PI: Polygonaceae (2002-2015)

Tree locations:

Fallopia B01.650.940.800.575.100.825.359.590

Farmers

Persons who cultivate land or crops, or raise LIVESTOCK.

PI: Agriculture (1963-2015)

Tree locations:

Occupational Groups M01.526.390

Febuxostat

A thiazole derivative and inhibitor of XANTHINE OXIDASE that is used for the treatment of HYPERURICEMIA in patients with chronic GOUT.

Tree locations:

Thiazoles D02.886.675.274
D03.383.129.708.274

Fecal Microbiota Transplantation

Transfer of GASTROINTESTINAL MICROBIOTA from one individual to another by infusion of donor FECES to the upper or lower GASTROINTESTINAL TRACT of the recipient.

Tree locations:

Biological Therapy E02.095.231

Filgrastim

A recombinant granulocyte colony-stimulating factor (G-CSF) that is used in the treatment and prevention of NEUTROPENIA, and to prepare blood progenitor cells for collection and use in PERIPHERAL BLOOD STEM CELL TRANSPLANTATION.

Tree locations:

Granulocyte Colony- D12.644.276.374.410.240.350.500
Stimulating Factor D12.776.395.240.200.500
D12.776.467.374.410.240.350.500
D23.529.374.410.240.350.500

Financial Statements

Formal and structured record of financial activities of a business, person, or other entity.

FX: Financial Management

Tree locations:

Accounting N03.219.463.030.140

Fingolimod Hydrochloride

A sphingosine-derivative and IMMUNOSUPPRESSIVE AGENT that blocks the migration and homing of LYMPHOCYTES to the CENTRAL NERVOUS SYSTEM through its action on SPHINGOSINE 1-PHOSPHATE RECEPTORS. It is used in the treatment of MULTIPLE SCLEROSIS.

Tree locations:

Propylene Glycols D02.033.455.706.431
Sphingosine D02.033.100.700.350
D02.092.063.700.350

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Firmicutes

A phylum of predominantly GRAM-POSITIVE BACTERIA that includes the orders Bacillales and Clostridiales. Firmicutes and BACTEROIDETES are the two bacterial phyla that constitute the majority of the human gut MICROBIOTA.

PI: Gram-Positive Bacteria (2004-2015)

Tree locations:

Bacteria B03.353

Fluticasone Propionate, Salmeterol Xinafoate Drug Combination

A drug combination of fluticasone and salmeterol that is used as an inhaler formulation to manage the symptoms of ASTHMA and CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Tree locations:

Drug Combinations D26.310.438
Fluticasone D04.808.054.079.129.114.500
Salmeterol Xinafoate D02.033.100.291.057.750.500
D02.092.063.291.057.750.500
D02.092.471.683.061.750.500

Formoterol Fumarate

An ADRENERGIC BETA-2 RECEPTOR AGONIST with a prolonged duration of action. It is used to manage ASTHMA and in the treatment of CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

FX: Albuterol

FX: Mometasone Furoate

Tree locations:

Ethanolamines D02.033.100.291.425
D02.092.063.291.425

Fruit and Vegetable Juices

The liquids extracted from plants.

AN: coordinate with specific fruit or vegetable

PI: Beverages (1963-2015)

Tree locations:

Beverages G07.203.100.606
J02.200.606

Fungal Viruses

Viruses infecting species of FUNGI.

AN: coordinate with specific fungus/ virology

PI: Fungi or specific/virology (1994-2015)

Tree locations:

Viruses B04.352

Games, Recreational

Activity typically involving several individuals for the purpose of leisure, amusement, entertainment or pleasure.

FX: Video Games

Tree locations:

Play and Playthings I03.450.642.693.465

Fluticasone

A STEROID with GLUCOCORTICOID RECEPTOR activity that is used to manage the symptoms of ASTHMA; ALLERGIC RHINITIS, and ATOPIC DERMATITIS.

Tree locations:

Androstadienes D04.808.054.079.129.114

Formative Feedback

Information communicated to the learner that is intended to modify the learner's thinking or behavior for the purpose of improving learning.

PI: Learning (2010-2015)

Tree locations:

Feedback L01.143.283.425.156
Learning F02.784.629.529.223

Fractures, Multiple

Injuries involving the breaking of either several bones or one bone in two or more places.

Tree locations:

Fractures, Bone C26.404.280
Multiple Trauma C26.640.500

Functional Behavior, Psychology

Aberrant or socially inappropriate BEHAVIOR displayed by individuals with cognitive or communication disabilities crucial to the implementation of intervention programs.

Tree locations:

Behavior F01.145.437

Fused Kidney

Congenital fusion of two kidneys.

PI: Kidney Diseases (1963-2015)

Tree locations:

Urogenital Abnormalities C12.706.445
C13.351.875.420
C16.131.939.445

Gastrointestinal Microbiome

All of the microbial organisms that naturally exist within the GASTROINTESTINAL TRACT.

Tree locations:

Microbiota G06.755.375
G16.500.275.157.049.100.500.375
N06.230.124.049.100.500.250

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Gender Dysphoria

A marked difference between the individual's expressed/experienced gender and the gender others would assign him or her, and it must continue for at least six months. (from DSM-5)

Tree locations:

Sexual Dysfunctions, Psychological F03.835.550

Ghee

The clarified portion of milk, cream, or butter obtained by the removal of the nonfat constituents. (from Dictionary of Food Ingredients, 4th ed., 2001)

PI: Dietary Fats (1969-2015)

Tree locations:

Butter D10.212.302.199.500
G07.203.300.350.100.500
G07.203.300.375.200.500
J02.500.350.100.500
J02.500.375.200.500

Glatiramer Acetate

A random polymer of L-ALANINE, L-GLUTAMIC ACID, L-LYSINE, and L-TYROSINE that structurally resembles MYELIN BASIC PROTEIN. It is used in the treatment of RELAPSING-REMITTING MULTIPLE SCLEROSIS.

Tree locations:

Peptides D12.644.219

Glucagon-Like Peptide-1 Receptor

A receptor for GLUCAGON-LIKE PEPTIDE 1 (GLP-1) expressed primarily on the surface of beta and ductal exocrine cells of the pancreas, as well as cells of other tissues. GLP-1 acts through GLP-1R to potentiate signaling in pancreatic cells in response to glucose-stimulated insulin secretion (GSIS).

PI: Receptors, Glucagon (1995-2015)

Tree locations:

Glucagon-Like D12.776.543.750.100.021.500
Peptide Receptors D12.776.543.750.750.360.100.500

Glycemic Load

A quantitative value of a measured amount of a specific food that is equal to the GLYCEMIC INDEX of that food multiplied by the carbohydrate content of that food.

AN: GLYCEMIC INDEX is also available

PI: Glycemic Index (2003-2015)

Tree locations:

Nutritive Value G07.203.650.660.750
J01.576.423.850.730.750.750
N06.850.601.750.750

Genetic Background

The entire genetic composition of a strain or individual that interacts with a gene of interest.

PI: Genetics (1963-2015)

FX: Heredity

Tree locations:

Genetic Phenomena G05.346

Giraffes

Four-legged hoofed mammals with extremely long necks and legs belonging to the family Giraffidae.

PI: Artiodactyla (1963-2015)

Tree locations:

Ruminants B01.050.150.900.649.077.380.443

Glucagon-Like Peptide Receptors

G-PROTEIN COUPLED CELL SURFACE RECEPTORS that bind GLUCAGON-LIKE PEPTIDES and are expressed by cells in pancreatic, intestinal, and neural tissues. These receptors regulate cellular responses to BLOOD GLUCOSE, INSULIN, and INFLAMMATION signals.

PI: Receptors, Glucagon (1995-2015)

Tree locations:

Receptors, G-Protein-Coupled D12.776.543.750.100.021
Receptors, D12.776.543.750.750.360.100
Gastrointestinal Hormone

Glucagon-Like Peptide-2 Receptor

A receptor for GLUCAGON-LIKE PEPTIDE 2 (GLP-2) that is expressed on the surface of intestinal cells as well as neural cells. GLP-2 and other peptides act through GLP-2R to regulate cellular responses to BLOOD GLUCOSE, INFLAMMATION, and FOOD INTAKE.

PI: Receptors, Glucagon (2000-2015)

Tree locations:

Glucagon-Like D12.776.543.750.100.021.600
Peptide Receptors D12.776.543.750.750.360.100.600

Grandparents

Member of a family who has children and grandchildren.

PI: Intergenerational Relations (1963-2015)

FX: Family

Tree locations:

Family F01.829.263.403
I01.880.853.150.452
Persons M01.264

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Graphic Novels (*Pub Type*)

Book-length narratives told using a combination of words and sequential art, often presented in comic book style. from (Fletcher-Spear et al., ALA Review, Winter 2005)

AN: This heading is used as a Publication Type. INDEXER: Do not use

PI: Cartoons (2014-2015)

Tree locations:

Pictorial Works V02.700.375
Publication Formats V02.503

Health Smart Cards

Hand-sized cards with built-in computer chips used for accessing, storing, and protecting patients' medical information.

Tree locations:

Medical Records E05.318.308.940.968.625.750
Systems, L01.280.900.968.775.500
Computerized L01.313.500.750.300.695.300
N04.452.859.564.650.250
N05.715.360.300.715.500.530.500
N06.850.520.308.940.968.625.500
Patient Identification N04.452.653.250
Systems

Help-Seeking Behavior

Form of social behavior in which assistance is sought from others.

Tree locations:

Social Behavior F01.145.813.217

Heuristics

Experience-based techniques for problem-solving, learning, and discovery that find a solution which is not guaranteed to be optimal, but sufficient for a given set of goals.

FX: Artificial Intelligence

FX: Computer Heuristics

Tree locations:

Problem Solving F02.463.425.725.500
F02.463.785.810.500

Hoodia

A genus in the dogbane family (Apocynaceae) used in TRADITIONAL MEDICINE for appetite-suppressant properties.

PI: Apocynaceae (2007-2015)

Tree locations:

Apocynaceae B01.650.940.800.575.100.081.389

Human Papillomavirus Recombinant Vaccine Quadrivalent, Types 6, 11, 16, 18

A vaccine containing L1 capsid proteins from four types of HPV (ALPHAPAPILLOMAVIRUS), types 6, 11, 16 and 18 that is used to prevent infections from HUMAN PAPILLOMAVIRUSES of these subtypes.

Tree locations:

Papillomavirus Vaccines D20.215.894.899.498.500

Health Equity

Opportunity to attain full health potential and no one is disadvantaged from achieving this potential because of their social position or other socially determined circumstance.

Tree locations:

Health Services Accessibility N04.590.374.350.500
N05.300.430.383

Healthcare Failure Mode and Effect Analysis

Prospective risk assessment tool aimed at identifying potential risks and their impact in healthcare settings.

PI: Risk Assessment (2002-2015)

Tree locations:

Risk Assessment E05.318.740.600.800.715.500
N04.452.871.715.400
N05.715.360.750.625.700.690.400
N06.850.505.715.500
N06.850.520.830.600.800.715.500

Heptavalent Pneumococcal Conjugate Vaccine

A pneumococcal vaccine which 7 pneumococcal serotypes (6B, 14, 19F, 23F, 18C, 4, 9V), each conjugated individually to the outer membrane protein complex of NEISSERIA MENINGITIDIS.

Tree locations:

Pneumococcal Vaccines D20.215.894.135.750.600.500

Hoarding Disorder

Persistent difficulty discarding or parting with possessions due to a perceived need to save the items and distress associated with discarding them. (from DSM-V)

Tree locations:

Obsessive-Compulsive Disorder F03.080.600.250

Human Embryonic Stem Cells

A type of PLURIPOTENT STEM CELLS derived from early stage human embryos, up to and including the BLASTOCYST stage.

PI: Embryonic Stem Cells (2006-2015)

Tree locations:

Embryonic Stem Cells A11.872.700.250.750

Humidifiers

Machines that add moisture to the air.

FX: Respiration, Artificial

Tree locations:

Equipment and Supplies E07.451
Household Articles J01.494.650

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Hydraulic Fracking

A drilling technology in which NATURAL GAS is extracted from large deposits of impermeable rock formations known as shale, deep within the earth's crust. This drilling technique involves injecting large volumes of high-pressure fracturing fluid (a mixture of water, sand, and chemicals) several thousand feet underground, thereby creating cracks or fissures in the shale formation, and releasing trapped gas.

Tree locations:

Oil and Gas Industry J01.576.655.875.750.500

Imatinib Mesylate

A tyrosine kinase inhibitor and ANTINEOPLASTIC AGENT that inhibits the BCR-ABL kinase created by chromosome rearrangements in CHRONIC MYELOID LEUKEMIA and ACUTE LYMPHOBLASTIC LEUKEMIA, as well as PDG-derived tyrosine kinases that are overexpressed in gastrointestinal stromal tumors.

Tree locations:

Benzamides D02.065.277.456
D02.241.223.100.100.435
D02.455.426.559.389.127.085.465
Piperazines D03.383.606.405
Pyrimidines D03.383.742.349

Incisional Hernia

Protrusion of tissue at or near the site of an incision from a previous surgery.

PI: Hernia (1966-2015)

Tree locations:

Hernia C23.300.707.945
Postoperative Complications C23.550.767.500

Infant Health

The concept covering the physical and mental conditions of INFANTS.

PI: Infant Welfare (1994-2015)

FX: Infant Welfare

Tree locations:

Health N01.400.388

Infliximab

A chimeric monoclonal antibody to TNF ALPHA that is used in the treatment of RHEUMATOID ARTHRITIS; ANKYLOSING SPONDYLITIS; PSORIATIC ARTHRITIS and CROHN'S DISEASE.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.608
Monoclonal D12.776.124.790.651.114.224.537
D12.776.377.715.548.114.224.642

Hyssopus Plant

A genus in the mint family (Lamiaceae). Members contain thujone and PHENOL. Distinguished from AGASTACHE (giant hyssop) and BACOPA (water hyssop). Also distinguished from the genus of WASPS with the same genus name Hyssopus.

PI: Lamiaceae (2002-2015)

Tree locations:

Lamiaceae B01.650.940.800.575.100.583.520.330

Immunosenescence

The decline in the function of the IMMUNE SYSTEM during aging.

PI: Aging (2015)

Tree locations:

Aging G07.700.320.124.390
Immunocompetence G12.460.500

Industrial Development

Activity concerned with the planning and building of industries through manufacturing, provision of specialized services, and COMMERCE.

Tree locations:

Economic Development I01.261.262.500
Industry J01.576.519

Infectious Encephalitis

Brain inflammation caused by an infectious agent..

AN: coordinate IM with specific organism /infection term (IM); note ENCEPHALITIS, VIRAL is available

PI: Encephalitis (1964-2015)

Tree locations:

Central Nervous System Infections C10.228.228.399
Encephalitis C10.228.140.430.520

Injection, Intratympanic

The administration of liquid substances into the TYMPANIC CAVITY with a hypodermic syringe.

PI: Injections (1968-2015)

Tree locations:

Injections E02.319.267.530.655

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Insulin Detemir

A recombinant long-acting insulin and HYPOGLYCEMIC AGENT in which a MYRISTIC ACID is conjugated to a LYSINE at position B29. It is used to manage BLOOD GLUCOSE levels in patients with DIABETES MELLITUS.

Tree locations:

Insulin, Long-Acting D06.472.699.587.200.300.050
D12.644.548.586.200.300.050

Interferon beta-1a

An interferon beta-1 subtype that has a methionine at position 1, a cysteine at position 17, and is glycosylated at position 80. It functions as an ANTI-VIRAL AGENT and IMMUNOMODULATOR and is used to manage the symptoms of RELAPSING-REMITTING MULTIPLE SCLEROSIS.

Tree locations:

Interferon-beta D12.644.276.374.440.890.275.500
D12.776.467.374.440.890.275.500
D23.529.374.440.890.275.500

Interleukin-33

A member of the INTERLEUKIN-1 protein family involved in the maturation of TH2 CELLS and the activation of MAST CELLS; BASOPHILS; EOSINOPHILS and NK CELLS. It is also produced by ENDOTHELIAL CELLS; EPITHELIAL CELLS and FIBROBLASTS; where it can function as an alarmin to modulate immune and inflammatory responses to tissue damage.

PI: Interleukins (2005-2015)

Tree locations:

Alarmins D12.644.276.087.597
D12.776.467.087.813
D23.529.087.780
Interleukins D12.644.276.374.465.850
D12.776.467.374.465.850
D23.529.374.465.850

International Law

The body of law that governs the legal relations between or among sovereign states or nations.

FX: Internationality

Tree locations:

Jurisprudence I01.880.604.583.466
N03.706.535.533

Intravital Microscopy

Microscopic observation of live tissue in situ to study the behavior of individual cells with respect to their in vivo interactions, adhesion, motility, and location.

PI: Microscopy (1963-2015)

Tree locations:

Microscopy E01.370.350.515.277
E05.595.185

Insulin Glargine

A recombinant LONG ACTING INSULIN and HYPOGLYCEMIC AGENT that is used to manage BLOOD GLUCOSE in patients with DIABETES MELLITUS.

Tree locations:

Insulin, Long-Acting D06.472.699.587.200.300.100
D12.644.548.586.200.300.100

Interferon beta-1b

A non-glycosylated form of interferon beta-1 that has a serine at position 17. It is used in the treatment of both RELAPSING-REMITTING MULTIPLE SCLEROSIS and CHRONIC PROGRESSIVE MULTIPLE SCLEROSIS.

Tree locations:

Interferon-beta D12.644.276.374.440.890.275.750
D12.776.467.374.440.890.275.750
D23.529.374.440.890.275.750

Internal Ribosome Entry Sites

Sequences within MESSENGER RNA that enable PROTEIN TRANSLATION INITIATION independent of 5' CAPPED RNA.

Tree locations:

Regulatory Sequences, D13.444.735.790.878.942.250
Ribonucleic Acid G02.111.570.080.689.687.093
G05.360.080.689.687.093

Intimate Partner Violence

A pattern of assaultive and coercive behavior by an individual against their partner or spouse that may include physical injury, psychological abuse, sexual assault, progressive isolation, stalking, deprivation, intimidation, and reproductive coercion.

PI: Spouse Abuse (1997-2015)

FX: Sex Offenses

Tree locations:

Violence I01.198.240.856.575
I01.880.735.900.688

Iridescence

The changing of the color of an object due to variations in the angle of illumination or observation.

Tree locations:

Optical Phenomena G01.590.310

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Isolated Heart Preparation

Method of isolation and maintenance of a working heart for various cardiac measurements. The model allows for the separation of cardiac and systemic variables in the denervated heart.

PI: Heart (1963-2015)

PI: Perfusion (1963-2015)

FX: Myocardial Reperfusion Injury

Tree locations:

Investigative Techniques E05.519

Models, Animal E05.598.750

Kombucha Tea

A beverage made by FERMENTATION of black tea and/or green tea.

PI: Tea (1995-2015)

Tree locations:

Tea D20.215.784.844.500

G07.203.100.831.500

J02.200.831.500

Late Onset Disorders

Pathological conditions (Disorder, SYNDROME, or DISEASE) whose SIGNS AND SYMPTOMS manifest late in the life of an individual.

PI: Age of Onset (1984-2015)

Tree locations:

Disease Attributes C23.550.291.883

Legendary Creatures

An unverified animal or humanoid, sometimes supernatural, often believed to be real and described in MYTHOLOGY, FOLKLORE, or legends. Some legendary creatures, such as the unicorn, were documented in scholarly antiquarian accounts of natural history.

Tree locations:

Folklore I01.076.201.450.515.500

Linagliptin

A purine and quinazoline derivative that functions as an INCRETIN and DIPEPTIDYL-PEPTIDASE IV INHIBITOR. It is used as a HYPOGLYCEMIC AGENT in the treatment of TYPE II DIABETES MELLITUS.

FX: Sitagliptin Phosphate

Tree locations:

Purines D03.438.759.562

Quinazolines D03.438.786.563

Liraglutide

An analog of GLUCAGON-LIKE PEPTIDE 1 and agonist of the GLUCAGON-LIKE PEPTIDE 1 RECEPTOR that is used as a HYPOGLYCEMIC AGENT and supplemental therapy in the treatment of DIABETES MELLITUS by patients who do not respond to METFORMIN.

Tree locations:

Glucagon-Like Peptide 1 D06.472.317.469.500.500.500

Isophane Insulin, Human

Human isophane insulin that is used to manage BLOOD GLUCOSE levels in patients with DIABETES.

Tree locations:

Insulin, Isophane D06.472.699.587.200.300.200.500
D12.644.548.586.200.300.200.500

Insulin, Regular, D06.472.699.587.200.500.625.500.500
Human D12.644.548.586.200.500.625.500.500

Lamiales

An order of the Lamiidae clade. Lamiales is one of the largest orders of flowering plants and includes pot-herbs in the mint family (MINT; SAGE; OREGANO; BASIL); SESAME, foxgloves; SNAPDRAGONS; and the olive family.

PI: Angiosperms (2004-2015)

Tree locations:

Angiosperms B01.650.940.800.575.100.583

Legal Services

Services provided by ATTORNEYS and paralegal staff.

Tree locations:

Jurisprudence I01.880.604.583.482

Libraries, Special

Collections covering specialized subjects, containing materials in a special format, or serving a specialized clientele.

Tree locations:

Libraries L01.346.596.831

Linezolid

An oxazolidinone and acetamide derived ANTI-BACTERIAL AGENT and PROTEIN SYNTHESIS INHIBITOR that is used in the treatment of GRAM-POSITIVE BACTERIAL INFECTIONS of the skin and respiratory tract.

Tree locations:

Acetamides D02.065.064.463

D02.241.081.018.110.525

Oxazolidinones D03.383.129.462.600.550

Lisdexamfetamine Dimesylate

A dextroamphetamine drug precursor that also functions as a CENTRAL NERVOUS SYSTEM STIMULANT and DOPAMINE UPTAKE INHIBITOR and is used in the treatment of ATTENTION DEFICIT HYPERACTIVITY DISORDER.

Tree locations:

Dextroamphetamine D02.092.471.683.152.110.200.500

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Literacy

Ability to read and write.

FX: Writing

FX: Reading

FX: Handwriting

FX: Health Literacy

Tree locations:

Communication F01.145.209.429

L01.143.563

Educational Status N01.824.196.500

Loteprednol Etabonate

An androstadiene derivative corticosteroid that is used as an ANTI-ALLERGIC AGENT for the treatment of inflammatory and allergic eye conditions.

Tree locations:

Androstadienes D04.808.054.079.129.284

Lurasidone Hydrochloride

A thiazole derivative and atypical ANTIPSYCHOTIC AGENT that functions as a DOPAMINE D2 RECEPTOR ANTAGONIST; SEROTONIN 5-HT₂ RECEPTOR ANTAGONIST, serotonin 5-HT₇ receptor antagonist, and antagonist of the adrenergic α _{2A} and α _{2C} receptors, as well as a partial SEROTONIN 5-HT_{1A} RECEPTOR AGONIST. It is used in the treatment of SCHIZOPHRENIA and BIPOLAR DISORDER.

Tree locations:

Isoindoles D03.438.513.437

Thiazoles D02.886.675.414

D03.383.129.708.414

Mammary Analogue Secretory Carcinoma

A malignant neoplasm of epithelial cells of the SALIVARY GLANDS, with microcystic architecture, low-grade nuclei, and granular vacuolated cytoplasm.

PI: Carcinoma (2010-2015)

Tree locations:

Carcinoma C04.557.470.200.588

Maternal-Child Health Services

Programs organized for the purpose of providing medical and social services for mothers and children.

PI: Maternal-Child Health Centers (1978-2015)

Tree locations:

Child Health Services N02.421.143.130.660

Maternal Health Services N02.421.143.620.275

Long Term Adverse Effects

Persistent detrimental effects from treatment for a condition. Included are effects from surgery such as POSTOPERATIVE COMPLICATIONS, and from DRUG THERAPY, such as CHEMICALLY INDUCED DISORDERS, or other THERAPEUTICS. Failure to attain a desired outcome from treatment for the condition is not considered an adverse effect.

Tree locations:

Pathologic Processes C23.550.543

Lubiprostone

Member of a bicyclic fatty acid class of compounds derived from PROSTAGLANDIN E₁ involved in chloride channel gating.

Tree locations:

Alprostadil D10.251.355.325.050.500

Machine Learning

A type of ARTIFICIAL INTELLIGENCE that enable COMPUTERS to independently initiate and execute LEARNING when exposed to new data.

Tree locations:

Artificial Intelligence G17.035.250.500

L01.224.050.375.530

Maternal Health

The health of women during PREGNANCY; childbirth and the POSTPARTUM PERIOD.

PI: Maternal Welfare (1974-2015)

FX: Maternal Health Services

FX: Maternal Welfare

Tree locations:

Women's Health N01.400.900.500

Medical Overuse

Excessive or unnecessary utilization of health services by patients or physicians.

PI: Unnecessary Procedures (2014-2015)

FX: Polypharmacy

FX: Drug Overdose

FX: Diagnostic Errors

FX: Inappropriate Prescribing

Tree locations:

Health Services Misuse N02.421.380.450

N05.300.150.395.450

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Medical-Surgical Nursing

The area of nursing concerned with the needs and care of adult medical and surgical patients.

FX: Operating Room Nursing

Tree locations:

Nursing Care N02.421.533.475

Specialties, Nursing H02.478.676.403

Metacognition

Awareness and understanding of one's own thought processes.

PI: Self-Concept (1985-2015)

PI: Cognition (1982-2015)

FX: Self-Assessment

Tree locations:

Cognition F02.463.188.756

Miners

Persons who work in a mine to extract ore or MINERALS from the earth.

PI: Mining (1963-2015)

Tree locations:

Occupational Groups M01.526.693

Mitochondrial Ribosomes

Multicomponent ribonucleoprotein structures contained in MITOCHONDRIA that specialize in the PROTEIN BIOSYNTHESIS of a small number of proteins involved in energy production for the cell.

PI: Ribosomes (1964-2015)

Tree locations:

Mitochondria A11.284.430.214.190.875.564.755

Ribosomes A11.284.430.214.190.875.811.370

Mometasone Furoate, Formoterol Fumarate Drug Combination

A pharmaceutical preparation of mometasone furoate and formoterol fumarate that is used as an inhaled dosage form for the treatment of ASTHMA.

Tree locations:

Drug Combinations D26.310.469

Formoterol Fumarate D02.033.100.291.425.500

D02.092.063.291.425.500

Mometasone Furoate D04.808.745.432.719.526.500

Motor Disorders

Motor skills deficits that significantly and persistently interfere with ACTIVITIES OF DAILY LIVING appropriate to chronological age. (from DSM-V)

PI: Motor Skills Disorders (1998-2015)

Tree locations:

Mental Disorders F03.608

Memory Consolidation

Neurological process involving the conversion of learned information into long-term memory.

FX: Learning

Tree locations:

Memory, Long-Term F02.463.425.540.305.500

Millet

An agronomic group especially of small-seeded grasses, mainly grown for human and animal consumption.

AN: general or unspecified; note several specific millet terms are available

PI: Panicum (1981-2015)

Tree locations:

Poaceae B01.650.940.800.575.100.822.587

Mitochondrial Replacement Therapy

In vitro fertilization technique that uses mitochondrial DNA from a healthy donor in order to prevent the transmission of MITOCHONDRIAL DISEASE.

PI: Cellular Reprogramming (2014-2015)

Tree locations:

Cellular Reprogramming E05.200.500.380.250

Techniques E05.393.085.250

Fertilization in Vitro E02.875.800.750.350

E05.820.800.750.350

Mometasone Furoate

A pregnadienediol derivative ANTI-ALLERGIC AGENT and ANTI-INFLAMMATORY AGENT that is used in the management of ASTHMA and ALLERGIC RHINITIS. It is also used as a topical treatment for skin disorders.

FX: Formoterol Fumarate

Tree locations:

Pregnadienediols D04.808.745.432.719.526

Morcellation

Use of a non-cautery-dependent mechanical device that simultaneously cuts and aspirates polyp and/or myoma tissue.

PI: Minimally Invasive Surgical Procedures (2000-2015)

Tree locations:

Minimally Invasive Surgical Procedures E04.502.648

Mouse Embryonic Stem Cells

PLURIPOTENT STEM CELLS derived from the BLASTOCYST INNER CELL MASS of day 3.5 mouse embryos.

PI: Embryonic Stem Cells (2006-2015)

Tree locations:

Embryonic Stem Cells A11.872.700.250.875

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Mutation Accumulation

Concept which describes the incremental effects of MUTATION in living organisms.

PI: Mutation (1977-2015)

FX: Aging

FX: Mutagenesis

Tree locations:

Mutation G05.365.590.594

Natural Resources

Materials or substances such as land, timber, fresh water, fossil fuels, or mineral deposits that occur in a natural state and have economic value or usefulness to humans.

AN: coordinate with specific natural resource if pertinent

FX: Conservation of Natural Resources

Tree locations:

Environment G16.500.275.553
N06.230.350

Technology, Industry, and Agriculture J01.728

Nebivolol

A cardioselective ADRENERGIC BETA-1 RECEPTOR ANTAGONIST (beta-blocker) that functions as a VASODILATOR through the endothelial L-arginine/ NITRIC OXIDE system. It is used to manage HYPERTENSION and chronic HEART FAILURE in elderly patients.

Tree locations:

Benzopyrans D03.383.663.283.755
D03.438.150.755

Ethanolamines D02.033.100.291.491
D02.092.063.291.503

Neurodevelopmental Disorders

These are a group of conditions with onset in the developmental period. The disorders typically manifest early in development, often before the child enters grade school, and are characterized by developmental deficits that produce impairments of personal, social, academic, or occupational functioning. (From DSM-V).

Tree locations:

Mental Disorders F03.625

Neuropathology

The branch of medicine and biomedical science concerned with diseases of the nervous system.

AN: use for the discipline only (education, history, etc.) only

PI: Nervous System Diseases (1965-2015)

Tree locations:

Neurology H02.403.600.250
Neurosciences H01.158.610.184
Pathology H02.403.650.375

Natalizumab

A humanized monoclonal immunoglobulin G4 antibody to human INTEGRIN ALPHA4 that binds to the alpha4 subunit of INTEGRIN ALPHA4BETA1 and integrin alpha4beta7. It is used as an IMMUNOLOGIC FACTOR in the treatment of RELAPSING-REMITTING MULTIPLE SCLEROSIS and CROHN'S DISEASE.

FX: Integrin alpha4

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.813
Monoclonal, D12.776.124.790.651.114.224.060.813
Humanized D12.776.377.715.548.114.224.200.813

Near Miss, Healthcare

Event that presented a risk but did not result in a patient harm.

Tree locations:

Medical Errors N02.421.450.550
Medication Errors E02.319.529.750
N02.421.450.500.750

Quality Assurance, Health Care N04.761.700.594
N05.700.513

Nerve Agents

A class of compounds that adversely affect the transmission of impulses through the NERVOUS SYSTEM.

PI: Organophosphorus Compounds (1982-2015)

Tree locations:

Chemical Warfare Agents D27.720.777.300.500
Specialty Uses of Chemicals D27.720.599

Neurological Rehabilitation

Physician-supervised programs designed to rehabilitate people with diseases, trauma, or disorders of the NERVOUS SYSTEM.

PI: Rehabilitation (1963-2015)

Tree locations:

Rehabilitation E02.831.477
H02.403.680.600.750
N02.421.784.511

Neuroprotection

The physiological processes and techniques used by the body to prevent neuronal injury and degeneration in the central nervous system following acute disorders or as a result of chronic neurodegenerative diseases.

Tree locations:

Nervous System Physiological G11.561.600.638
Processes

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Neurosurgeons

Qualified medical professionals who specialize in surgical treatment of diseases of the BRAIN and other parts of the NERVOUS SYSTEM.

Tree locations:

Surgeons M01.526.485.810.910.750
N02.360.810.910.750

No-Show Patients

PATIENTS who do not turn up for scheduled healthcare appointments. Do not confuse with PATIENT DROPOUTS.

FX: Patient Dropouts

Tree locations:

Office Visits N04.452.758.635.500
Patient Compliance F01.145.488.500.750
N05.300.150.600.600.750

Oil and Gas Industry

INDUSTRY concerned with the extraction, processing, distribution, marketing and storage of PETROLEUM and NATURAL GAS.

FX: Petroleum
FX: Natural Gas
FX: Fossil Fuels

Tree locations:

Extraction and Processing Industry J01.576.655.875.750

Olmesartan Medoxomil

An ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKER that is used to manage HYPERTENSION.

Tree locations:

Imidazoles D03.383.129.308.674
Tetrazoles D03.383.129.617.584

Omalizumab

An anti-IgE, recombinant, humanized monoclonal antibody which specifically binds to the C epsilon3 domain of IMMUNOGLOBULIN E, the site of high-affinity IgE receptor binding. It inhibits the binding of IgE to MAST CELLS and BASOPHILS to reduce the severity of the allergic response and is used in the management of persistent allergic ASTHMA.

Tree locations:

Antibodies, Anti- D12.776.124.486.485.114.071.500
Idiotypic D12.776.124.790.651.114.071.500
D12.776.377.715.548.114.071.500
Antibodies, D12.776.124.486.485.114.224.060.844
Monoclonal, D12.776.124.790.651.114.224.060.844
Humanized D12.776.377.715.548.114.224.200.844

Neurovascular Coupling

Mechanism by which changes in neural activity are tightly associated with regional cortical HEMODYNAMICS and metabolism changes. The association is often inferred from NEUROIMAGING signals (e.g., fMRI; or NIR SPECTROSCOPY).

PI: Cerebrovascular Circulation (1997-2015)

FX: Hemodynamics

Tree locations:

Cerebrovascular Circulation G09.330.190.163.159.500

Obesity, Metabolically Benign

A sub-PHENOTYPE of obese individuals who have a risk for CARDIOVASCULAR DISEASES between that of healthy individuals with normal weight and unhealthy individuals with obesity.

PI: Obesity (2005-2015)

Tree locations:

Obesity C18.654.726.500.698
C23.888.144.699.500.250
E01.370.600.115.100.160.120.699.500.375
G07.100.100.160.120.699.500.375

Olive Oil

Oil extracted from fruit of the OLIVE TREE (genus Olea).

PI: Plant Oils (1986-2015)

Tree locations:

Dietary Fats, Unsaturated D10.212.302.380.580
G07.203.300.375.400.500
J02.500.375.400.500
Fats, Unsaturated D10.212.507.650
Plant Oils D10.627.700.728

Olopatadine Hydrochloride

An antihistamine with mast-cell stabilizing properties used as eye drops in the treatment of ALLERGIC CONJUNCTIVITIS.

Tree locations:

Dibenzoxepins D03.494.382.696

Ononis

A genus of the pea family (Fabaceae), native from Europe to Central Asia and used in TRADITIONAL MEDICINE.

Tree locations:

Fabaceae B01.650.940.800.575.100.401.604

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

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Tree locations:

Publishing L01.737.569

Oral and Maxillofacial Surgeons

Dentists who specialize in the surgical treatment of injuries, diseases, and abnormalities of the oral and maxillofacial regions.

Tree locations:

Dentists M01.526.485.330.483
N02.360.330.483

Orexins

Neuropeptide hormones that play a role in regulating a variety of behavioral and physiological processes in response to motivational stimuli.

FX: Orexin Receptors

Tree locations:

Neuropeptides D12.644.400.360
D12.776.641.650.363

Orthodontists

Dentists who specialize in the treatment of misaligned TEETH and MALOCCLUSION.

Tree locations:

Dentists M01.526.485.330.655
N02.360.330.655

Palivizumab

A humanized monoclonal antibody and ANTIVIRAL AGENT that is used to prevent RESPIRATORY SYNCYTIAL VIRUS INFECTIONS in high risk pediatric patients.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.860
Monoclonal, D12.776.124.790.651.114.224.060.860
Humanized D12.776.377.715.548.114.224.200.860

Optimism

Mental attitude that interprets life events as generally being positive.

Tree locations:

Attitude F01.100.787

Orexin Receptor Antagonists

Substances that bind to and inhibit the action of OREXIN RECEPTORS. Drugs in this class have been used as SLEEP AIDS.

PI: Orexin Receptors (2014-2015)

Tree locations:

Neurotransmitter Agents D27.505.519.625.663
D27.505.696.577.663
Sleep Aids, Pharmaceutical D27.505.954.842.500

Origin of Life

The process by which life began.

PI: Organelle Biogenesis (1978-2015)

Tree locations:

Biological Phenomena G16.595
Paleontology I01.076.368.584.542

Paliperidone Palmitate

A benzisoxazole derivative and active metabolite of RISPERIDONE that functions as a DOPAMINE D2 RECEPTOR ANTAGONIST and SEROTONIN 5-HT2 RECEPTOR ANTAGONIST. It is an ANTIPSYCHOTIC AGENT used in the treatment of SCHIZOPHRENIA.

Tree locations:

Isoxazoles D03.383.129.385.650
Pyrimidines D03.383.742.592

Parasite Encystment

Process by which certain parasites such as GIARDIA and ENTAMOEBAS convert from the TROPHOZOITE to SCHIZONT when exposed to stress.

FX: Trophozoites

Tree locations:

Metamorphosis, Biological G07.700.320.500.550.875

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Parks, Recreational

An area of land open to the public for enjoyment.

PI: Recreation (1989-2015)

Tree locations:

Public Facilities N06.850.860.410.375

Pathogen-Associated Molecular Pattern Molecules

Pathogens' molecules with specific sequence patterns that are recognized by PATTERN RECOGNITION RECEPTORS. They include microbial DNA, double-stranded RNA, surface glycoproteins, lipopolysaccharides, peptidoglycans, and lipoteichoic acid.

Tree locations:

Biological Factors D23.585

Peer Influence

The effect or sway that a PEER GROUP exerts on the beliefs, value systems and behavior of each member of a group. The social expectations for individuals to conform to peer group influence is known as peer pressure.

PI: Peer Group (1968-2015)

Tree locations:

Peer Group F01.829.316.483.750

Pericardial Fluid

Watery fluid produced in the serous and visceral pericardium surrounding the surface of the HEART.

PI: Pericardium (1964-2015)

PI: Pericardial Effusion (1967-2015)

Tree locations:

Extracellular Fluid A12.207.270.651
Pericardium A07.541.795.500
A10.615.789.470.500

Personally Identifiable Information

Information that can be used to distinguish or trace an individual's identity, either alone or when combined with other personal or identifying information that is linked or linkable to a specific individual.

FX: Data Anonymization

Tree locations:

Confidentiality I01.880.604.583.080.660

Phakopsora pachyrhizi

Fungal pathogen which causes Soybean Rust disease in Soybeans (Glycine max).

PI: Basidiomycota (1980-2015)

Tree locations:

Basidiomycota B01.300.179.110

Parmeliaceae

The largest family of lichen-forming fungi.

PI: Ascomycota (2004-2015)

Tree locations:

Ascomycota B01.300.107.685
Lichens B01.300.340.458

Pedestrians

Persons traveling on foot.

Tree locations:

Persons M01.665

Pemetrexed

A guanine-derived ANTINEOPLASTIC AGENT that functions as a NUCLEIC ACID SYNTHESIS INHIBITOR through its binding to, and inhibition of, THYMIDYLATE SYNTHASE.

Tree locations:

Glutamates D12.125.067.625.525
D12.125.119.409.525
Guanine D03.438.759.758.399.454.650

Personal Protective Equipment

Specialized clothing or equipment worn for protection against health hazards. Personal Protective Equipment (PPE) may include MASKS, RESPIRATORY PROTECTIVE DEVICES, HEAD PROTECTIVE DEVICES, EYE PROTECTIVE DEVICES, PROTECTIVE CLOTHING and protective footwear.

Tree locations:

Equipment and Supplies E07.662

Pessimism

Mental attitude that interprets life events as generally being negative.

Tree locations:

Attitude F01.100.893

Pharmacological Phenomena

Interactions that occur between a living organism and chemicals that affect normal or abnormal biochemical function.

AN: general or unspecified; prefer specifics

Tree locations:

Pharmacological and Toxicological G07.690.773
Phenomena and Processes

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Physical Abuse

Violence inflicted on an individual through physical contact.

Tree locations:

Violence I01.198.240.856.688
I01.880.735.900.744

Plantaginaceae

A plant family of order Lamiales. The *Plantago* genus is best known. Lesser known members include *Hippuris*, *Littorella* and *Callitriche*.

Tree locations:

Lamiales B01.650.940.800.575.100.583.700

Plasmablastic Lymphoma

Malignant lymphoma composed of large B lymphoid cells which have the immunophenotype of plasma cells and a predilection for the ORAL CAVITY.

PI: Lymphoma, Large B-Cell, Diffuse (1998-2015)

Tree locations:

Lymphoma, Large B- C04.557.386.480.150.585.500
Cell, Diffuse C15.604.515.569.480.150.585.500
C20.683.515.761.480.150.585.500

Point-of-Care Testing

Allows patient diagnoses in the physician's office, in other ambulatory setting or at bedside. The results of care are timely, and allow rapid treatment to the patient. (from NIH Fact Sheet Point-of-Care Diagnostic Testing, 2010.)

Tree locations:

Point-of-Care Systems N04.590.874.500

Population Forecast

Estimates of projected population.

PI: Forecasting (1977-2015)

FX: Population Growth

Tree locations:

Demography N01.224.667
Forecasting I01.320.500

Plant Breeding

The purposeful manipulation of plant species with the goal of creating desired genotypes and phenotypes, using techniques such as controlled pollination and or genetic engineering, followed by artificial selection of progeny.

Tree locations:

Crop Production J01.040.227.500

Plantar Plate

Fibrocartilaginous ligament at the metatarsophalangeal and the interphalangeal joint of the toe.

PI: Metatarsophalangeal Joint (1979-2015)

Tree locations:

Fibrocartilage A02.165.308.650
A10.165.382.350.400
Ligaments, Articular A02.513.514.538
A02.835.583.512.538
Metatarsophalangeal Joint A02.835.583.378.531.500
Toe Joint A02.835.583.378.900.500

Podosomes

Actin-rich adhesive structures found at the ventral surface of metazoan ENDOTHELIAL CELLS. When found in cultured cancer cells they are referred to as invadopodia. These are matrix-degrading structures composed of an ACTIN CYTOSKELETON core and an INTEGRINS-containing ring complex.

PI: Extracellular Matrix (1996-2015)

PI: Cell Surface Extensions (2006-2015)

FX: Mechanotransduction, Cellular

Tree locations:

Cell Surface Extensions A11.284.180.695
Endothelial Cells A11.436.275.841

Poly(ADP-ribose) Polymerase Inhibitors

Chemicals and drugs that inhibit the action of POLY(ADP-RIBOSE)POLYMERASES.

Tree locations:

Antineoplastic Agents D27.505.954.248.692
Enzyme Inhibitors D27.505.519.389.739

Potentially Inappropriate Medication List

A list, criteria, or screening tool designed to improve PATIENT SAFETY by determining an individual's exposure to potentially inappropriate drugs. They are designed to prevent MEDICATION ERRORS by INAPPROPRIATE PRESCRIBING. Analysis for a list includes factors such as DOSE-RESPONSE RELATIONSHIP, DRUG; DRUG-RELATED SIDE EFFECTS AND ADVERSE REACTIONS; AGE FACTORS; GENDER; and existing medical conditions.

PI: Medication Errors (2003-2015)

PI: Inappropriate Prescribing (2010-2015)

FX: Deprescriptions

FX: Inappropriate Prescribing

Tree locations:

Quality Assurance, Health Care N04.761.700.615
N05.700.594

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Prasugrel Hydrochloride

A piperazine derivative and PLATELET AGGREGATION INHIBITOR that is used to prevent THROMBOSIS in patients with ACUTE CORONARY SYNDROME; UNSTABLE ANGINA and MYOCARDIAL INFARCTION, as well as in those undergoing PERCUTANEOUS CORONARY INTERVENTIONS.

Tree locations:

Piperazines D03.383.606.420

Thiophenes D02.886.778.315

D03.383.903.315

Prescription Drug Overuse

The use of a medication in an amount more than as prescribed.

Tree locations:

Prescription Drug Misuse E02.319.754.750

Prisoner Dilemma

A scenario in decision analysis in which two individuals motivated entirely by self-preservation at the expense of the other, end up in a worse state than if they had cooperated with each other in the decision-making process.

Tree locations:

Games, Experimental E05.385.500

Professionalism

The level of skill, good judgment, and polite behavior expected from people trained to do their jobs well.

FX: Ethics, Medical

FX: Professional Competence

Tree locations:

Ethics, Professional K01.752.566.479.171.566

N05.350.340.581

Protein Translocation Systems

Multiprotein complexes that carry out PROTEIN TRANSPORT across CELL MEMBRANES.

FX: Membrane Transport Proteins

Tree locations:

Multiprotein Complexes D05.500.890

Prunus armeniaca

A plant species in the family ROSACEAE. It is the source of apricot fruit.

PI: Prunus (2001-2015)

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.375

Pregabalin

A gamma-aminobutyric acid (GABA) derivative that functions as a CALCIUM CHANNEL BLOCKER and is used as an ANTICONVULSANT as well as an ANTI-ANXIETY AGENT. It is also used as an ANALGESIC in the treatment of NEUROPATHIC PAIN and FIBROMYALGIA.

Tree locations:

gamma-Aminobutyric Acid D02.241.081.114.500.350.500
D12.125.190.350.450

Presenteeism

Reporting for work despite feeling ill.

Tree locations:

Psychology, Industrial F02.784.692.586
F04.096.628.779.450

Problem Behavior

Troublesome or disruptive behavioral displays.

FX: Attention Deficit and Disruptive Behavior Disorders

Tree locations:

Behavioral Symptoms F01.145.126.972

Child Behavior F01.145.179.750

Protein Corona

A layer of protein coating adsorbed by NANOPARTICLES upon entry into PLASMA or other protein-containing biological fluids, which affects how nanoparticles are internalized by cells and cleared from the body.

Tree locations:

Proteins D12.776.642

Prunus africana

A plant species in the family ROSACEAE. The bark extract known as pygeum is an ingredient in FOLK REMEDIES.

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.250

Prunus avium

A plant species in the family ROSACEAE. It is the source of the sweet cherry fruit.

PI: Prunus (2001-2015)

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.400

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Prunus domestica

A plant species in the family ROSACEAE. It is a tree that produces fruits called plums.

PI: Prunus (2001-2015)

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.450

Prunus persica

A plant species in the family ROSACEAE. It is a tree that produces peach fruit.

PI: Prunus (2001-2015)

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.750

Psychiatry in Literature

Written or other literary works whose subject matter is related to mental disorders or psychiatry from the lay or practitioner perspective. .

AN: coordinate IM with psychiatric aspect (IM) + specific literature heading (IM) + literary type if pertinent (as POETRY; DRAMA, etc.) (IM)

Tree locations:

Medicine in Literature K01.517.584.500

Psychology, Sports

Field of research that studies mental factors influencing the attainment of athletic skills and athletic performance.

PI: Sports (1970-2015)

FX: Sports Medicine

Tree locations:

Psychology F04.096.628.914

Public Service Announcements as Topic

Announcements for which no charge is made and which promote programs, activities, or services of federal, state, or local governments or those of non-profit organizations and other announcements regarded as serving community interests.

AN: do not confuse with the Publication Type PUBLIC SERVICE ANNOUNCEMENTS

Tree locations:

Communication L01.143.805

Quetiapine Fumarate

A dibenzothiazepine and ANTIPSYCHOTIC AGENT that targets the SEROTONIN 5-HT₂ RECEPTOR; HISTAMINE H₁ RECEPTOR, adrenergic alpha₁ and alpha₂ receptors, as well as the DOPAMINE D₁ RECEPTOR and DOPAMINE D₂ RECEPTOR. It is used in the treatment of SCHIZOPHRENIA; BIPOLAR DISORDER and DEPRESSIVE DISORDER.

Tree locations:

Dibenzothiazepines D02.886.680.702.500.500
D03.494.276.500

Prunus dulcis

A plant species in the family ROSACEAE, genus Prunus which produces edible seeds called almonds.

PI: Prunus (2001-2015)

Tree locations:

Prunus B01.650.940.800.575.100.842.500.625.500

Psychiatric Rehabilitation

Specialty field that promotes recovery, community functioning, and increased well-being of individuals diagnosed with mental disorders that impair their ability to live meaningful lives.

Tree locations:

Rehabilitation H02.403.680.600.875
N02.421.784.578

Psychological Trauma

Overwhelming emotional damage caused by a distressful event or series of events.

FX: Stress Disorders, Post-Traumatic

Tree locations:

Stress Disorders, Traumatic F03.950.750.375

Public Service Announcements (Pub Type)

Works consisting of announcements which promote programs, activities, or services of federal, state, or local governments or those of non-profit organizations and other announcements regarded as serving community interests.

AN: This heading is used as a Publication Type. Public Service Announcements as a subject are indexed under the heading Public Service Announcement as Topic; INDEXER: Do not use

Tree locations:

Publication Formats V02.736

Pyroptosis

Type of programmed cell death associated with infection by intracellular pathogens. It is characterized by INFLAMMASOME formation; activation of CASPASE 1; and CYTOKINES mediated inflammation.

PI: Apoptosis (2005-2015)

FX: Necrosis

Tree locations:

Apoptosis G04.299.139.160.530

Radiation Exposure

Phenomenon in which organisms are subjected to radiation.

FX: Environmental Pollutants

Tree locations:

Environmental Exposure N06.850.460.350.850
Radiation G01.750.748

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Raltegravir Potassium

A pyrrolidinone derivative and HIV INTEGRASE INHIBITOR that is used in combination with other ANTI-HIV AGENTS for the treatment of HIV INFECTION.

Tree locations:

Pyrrolidinones D03.383.773.812.752

Ranolazine

An acetanilide and piperazine derivative that functions as a SODIUM CHANNEL BLOCKER and prevents the release of enzymes during MYOCARDIAL ISCHEMIA. It is used in the treatment of ANGINA PECTORIS.

Tree locations:

Acetanilides D02.065.199.092.850

Piperazines D03.383.606.841

Re-Irradiation

Treatment in which a repeat course of RADIOTHERAPY is administered.

PI: Radiotherapy (1965-2015)

Tree locations:

Radiotherapy E02.815.791

Retreatment E02.887.500

Refugium

Area in an environment in which a population of organisms can survive through a period of unfavorable conditions.

Tree locations:

Ecological and Environmental G16.500.819

Phenomena

Environment G16.500.275.683

Return to Sport

Resumption of sporting activity following a hiatus or period of absence due to injury or other reasons.

Tree locations:

Sports I03.450.642.845.605

Ranibizumab

A recombinant humanized monoclonal antibody fragment that binds VEGF-A to prevent its binding to VEGFR-1 and VEGFR-2 receptors. This activity reduces vessel permeability and angiogenesis in the treatment of neovascular age-related MACULAR DEGENERATION.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.868

Monoclonal, D12.776.124.790.651.114.224.060.868

Humanized D12.776.377.715.548.114.224.200.868

RAW 264.7 Cells

A transformed macrophage cell line isolated from ASCITES of mice infected with ABELSON MURINE LEUKEMIA VIRUS.

AN: almost always NIM with no subheadings; check ANIMALS and MICE

PI: Macrophages (1983-2015)

PI: Cell Line (1983-2015)

Tree locations:

Cell Line, Transformed A11.251.210.172.875

Macrophages A11.733.397.815

Red Meat

Meat such as beef, pork, or lamb which contains more MYOGLOBIN than POULTRY or SEAFOOD.

PI: Meat (1975-2015)

Tree locations:

Meat G07.203.300.600.813

J02.500.600.813

Rehabilitation Research

Studies and research concerning the psychological, educational, social, vocational, industrial, and economic aspects of REHABILITATION.

PI: Rehabilitation (2004-2015)

FX: Disabled Persons

Tree locations:

Biomedical Research H01.770.644.145.472

Rilpivirine

A dihydropyrimidine derivative and REVERSE TRANSCRIPTASE INHIBITOR with antiviral activity against HIV-1 that is used in the treatment of HIV INFECTIONS. It is also used in combination with other ANTI-HIV AGENTS, since ANTIVIRAL DRUG RESISTANCE emerges rapidly when it is used alone.

Tree locations:

Nitriles D02.626.809

Pyrimidines D03.383.742.755

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Risedronate Sodium

An aminobisphosphonate derivative of etidronic acid and CALCIUM CHANNEL BLOCKER that inhibits BONE RESORPTION and is used for the treatment of OSTEOPOROSIS.

Tree locations:

Etidronic Acid D02.705.429.500.830.500

Rivaroxaban

A morpholine and thiophene derivative that functions as a FACTOR XA INHIBITOR and is used in the treatment and prevention of DEEP-VEIN THROMBOSIS and PULMONARY EMBOLISM. It is also used for the prevention of STROKE and systemic embolization in patients with non-valvular ATRIAL FIBRILLATION, and for the prevention of atherothrombotic events in patients after an ACUTE CORONARY SYNDROME.

Tree locations:

Morpholines D03.383.533.640.713

Thiophenes D02.886.778.727

D03.383.903.727

RNA Recognition Motif (RRM) Proteins

A family of RNA-BINDING PROTEINS which contain a motif consisting of two ribonucleoprotein (RNP) domains that bind RNA, and other domains that allow for high affinity binding, sequence specificity, and protein interactions. Examples of RRM proteins include HETEROGENEOUS NUCLEAR RIBONUCLEARPROTEINS (hnRNP) and EMBRYONIC LETHAL ABNORMAL-VISION (ELAV) proteins.

PI: RNA-Binding Proteins (1993-2015)

Tree locations:

RNA-Binding Proteins D12.776.157.725.813

D12.776.664.962.813

Romanticism

The attitude or intellectual orientation that characterized many works of literature, painting, music, architecture, criticism, and historiography in Western civilization over a period from the late 18th to the mid-19th century.

Tree locations:

Humanities K01.883

Rituximab

A murine-derived monoclonal antibody and ANTINEOPLASTIC AGENT that binds specifically to the CD20 ANTIGEN and is used in the treatment of LEUKEMIA; LYMPHOMA and RHEUMATOID ARTHRITIS.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.075.785

Monoclonal, D12.776.124.790.651.114.224.075.785

Murine-Derived D12.776.377.715.548.114.224.284.785

Rivastigmine

A carbamate-derived reversible CHOLINESTERASE INHIBITOR that is selective for the CENTRAL NERVOUS SYSTEM and is used for the treatment of DEMENTIA in ALZHEIMER DISEASE and PARKINSON DISEASE.

Tree locations:

Phenylcarbamates D02.241.081.251.583.899

RNAi Therapeutics

A form of disease treatment which involves the silencing of genes that are associated with a disease by the process of RNA INTERFERENCE.

PI: RNA Interference (2004-2015)

FX: Gene Expression Regulation

Tree locations:

Genetic Therapy E02.095.301.250

Rosuvastatin Calcium

A HYDROXYMETHYLGLUTARYL-COA-REDUCTASE INHIBITOR, or statin, that reduces the plasma concentrations of LDL-CHOLESTEROL; APOLIPOPROTEIN B, and TRIGLYCERIDES while increasing HDL-CHOLESTEROL levels in patients with HYPERCHOLESTEROLEMIA and those at risk for CARDIOVASCULAR DISEASES.

FX: Simvastatin

Tree locations:

Fluorobenzenes D02.455.526.510.432.500

Pyrimidines D03.383.742.775

Sulfonamides D02.065.884.650

D02.886.590.700.650

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Round Ligament of Femur

Ligament that connects the fovea of the FEMUR HEAD and the ACETABULUM notch in the HIP JOINT.

PI: Ligaments (1963-2015)

PI: Femur (1963-2015)

Tree locations:

Hip Joint A02.835.583.411.500
Ligaments, Articular A02.513.514.800
A02.835.583.512.950
Round Ligaments A02.513.901.500

Round Ligaments

Cord-like fibrous tissue structure that connects two articular extremities of bones, ligaments and /or cartilages.

PI: Ligaments (1966-2015)

Tree locations:

Ligaments A02.513.901

Saline Waters

Water from natural sources which contain significant concentrations of dissolved salts such as sodium chloride.

FX: Hypertonic Solutions

Tree locations:

Environment G16.500.275.725

Seed Bank

A repository of seeds maintained under optimal conditions that ensure long term storage, intended for use as a source of replenishment of seed stock or plant genetic material.

PI: Seeds (2000-2015)

Tree locations:

Biological Specimen Banks N02.278.065.650

Self Expandable Metallic Stents

Cylindrical metallic tubes that are inserted to hold open a structure in order to treat vascular, bile duct, esophageal and other tubular organ constrictions.

PI: Stents (2014-2015)

Tree locations:

Stents E07.695.750.750

Round Ligament of Liver

A cord-like remnant structure formed from the closed left fetal UMBILICAL VEIN. It is located along the lower edge of the falciform ligament.

PI: Ligaments (1963-2015)

Tree locations:

Liver A03.620.575
Round Ligaments A02.513.901.750

S100A12 Protein

A member of the S100 PROTEIN FAMILY that regulates INFLAMMATION and the immune response. It recruits LEUKOCYTES, promotes cytokine and chemokine production, and regulates leukocyte adhesion and migration. S100A12 can also function via binding to ADVANCED GLYCOSYLATION END PRODUCT-SPECIFIC RECEPTORS, to stimulate innate immune cells.

PI: S100 Proteins (2003-2015)

Tree locations:

Alarmins D12.644.276.087.901
D12.776.467.087.937
D23.529.087.943
S100 Proteins D12.776.157.125.750.875

Salmeterol Xinafoate

A selective ADRENERGIC BETA-2 RECEPTOR agonist that functions as a BRONCHODILATOR when administered by inhalation. It is used to manage the symptoms of ASTHMA and CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Tree locations:

Albuterol D02.033.100.291.057.750
D02.092.063.291.057.750
D02.092.471.683.061.750

Selective Breeding

A process in which offspring possessing desired genetic traits are produced.

FX: Reproductive Techniques

FX: Eugenics

Tree locations:

Breeding E05.820.150.760
G05.355.090.701

Self-Control

An individual's ability to manage and monitor their emotions, behaviors, and desires in the face of external demands in order to function in society.

FX: Temperance

Tree locations:

Social Behavior F01.145.813.595

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Serine-Arginine Splicing Factors

A family of splicing regulatory factors essential for constitutive and alternative splicing in RNA metabolism.

Tree locations:

RNA-Binding Proteins D12.776.157.725.844
D12.776.664.962.844

Serotonin and Noradrenaline Reuptake Inhibitors

Drugs that selectively block or suppress the plasma membrane transport of SEROTONIN and NORADRENALINE into axon terminals and are used as ANTIDEPRESSIVE AGENTS.

PI: Adrenergic Uptake Inhibitors (1999-2015)

PI: Serotonin Uptake Inhibitors (1999-2015)

Tree locations:

Neurotransmitter Uptake D27.505.519.562.437.693
Inhibitors D27.505.519.625.600.693
D27.505.696.577.600.693

Severe Acute Malnutrition

Acute form of MALNUTRITION which usually affects children, characterized by a very low weight for height (below -3z scores of the median World Health Organization standards), visible severe wasting, or occurrence of nutritional EDEMA. It can be a direct or indirect cause of fatality in children suffering from DIARRHEA and PNEUMONIA. Do not confuse with starvation, a condition in which the body is not getting enough food, usually for extended periods of time.

Tree locations:

Malnutrition C18.654.521.719

Sildenafil Citrate

A PHOSPHODIESTERASE TYPE-5 INHIBITOR; VASODILATOR AGENT and UROLOGICAL AGENT that is used in the treatment of ERECTILE DYSFUNCTION and PRIMARY PULMONARY HYPERTENSION.

FX: Tadalafil

Tree locations:

Piperazines D03.383.606.854
Purines D03.438.759.824
Sulfonamides D02.065.884.675
D02.886.590.700.675

Simeprevir

Oral HCV-PROTEASE INHIBITOR effective against hepatitis C virus (HCV) serine protease NS3/4A. It is used in the treatment of chronic hepatitis C (Antivirals) genotype 1 infection in adults with compensated liver disease, including CIRRHOSIS.

Tree locations:

Heterocyclic Compounds, 3-Ring D03.494.819
Sulfonamides D02.886.590.700.700

Seroconversion

The appearance of antibodies against causative agents in the blood of individuals during the course of an infection or following immunization.

FX: Immune System Phenomena

Tree locations:

Immune System Processes G12.425.900

Sevelamer

A polymeric amine that binds phosphate and is used to treat HYPERPHOSPHATEMIA in patients with kidney disease.

PI: Epoxy Compounds (2000-2015)

PI: Polyethylene (2000-2015)

Tree locations:

Polyamines D02.092.782.634

Shellfish Hypersensitivity

Allergic reaction to SHELLFISH or shellfish products.

PI: Food Hypersensitivity (1964-2015)

PI: Shellfish (1964-2015)

FX: Shellfish Poisoning

Tree locations:

Food Hypersensitivity C20.543.480.370.763

Silent Mutation

A change to a DNA SEQUENCE that doesn't change the AMINO ACID SEQUENCE of the protein made.

PI: Mutation (1982-2015)

Tree locations:

Mutation G05.365.590.803

Simulation Training

A highly customized interactive medium or program that allows individuals to learn and practice real world activities in an accurate, realistic, safe and secure environment.

Tree locations:

Teaching I02.903.847

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Sitagliptin Phosphate

A pyrazine-derived DIPEPTIDYL-PEPTIDASE IV INHIBITOR and HYPOGLYCEMIC AGENT that increases the levels of the INCRETIN hormones GLUCAGON-LIKE PEPTIDE-1 (GLP-1) and glucose-dependent insulintropic polypeptide (GIP). It is used in the treatment of TYPE 2 DIABETES.

FX: Linagliptin

Tree locations:

Pyrazines D03.383.679.875

Triazoles D03.383.129.799.725

Sleep Aids, Pharmaceutical

Drugs used to induce SLEEP, prevent SLEEPLESSNESS, or treat SLEEP INITIATION AND MAINTENANCE DISORDERS.

PI: Sleep Wake Disorders (1999-2015)

Tree locations:

Therapeutic Uses D27.505.954.842

Social Communication Disorder

Persistent difficulties in the social uses of verbal and nonverbal communications. (DSM-V)

Tree locations:

Communication Disorders F03.625.374.250

Social Workers

Professionals who work with persons affected by social disadvantages such as POVERTY; mental and physical illness or disability, and social injustice. Their focus is on both the individual and his or her environment, including violations of their civil liberties and human rights.

PI: Social Work (2010-2015)

Tree locations:

Occupational Groups M01.526.919

Solifenacin Succinate

A quinuclidine and tetrahydroisoquinoline derivative and selective M3 MUSCARINIC ANTAGONIST. It is used as a UROLOGIC AGENT in the treatment of URINARY INCONTINENCE.

Tree locations:

Quinuclidines D03.605.687.900

Tetrahydroisoquinolines D03.438.531.820.594

Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination

A pharmaceutical preparation of sitagliptin phosphate and metformin hydrochloride that is used in the treatment of TYPE 2 DIABETES.

Tree locations:

Drug Combinations D26.310.750

Metformin D02.078.370.141.450.500

Sitagliptin Phosphate D03.383.129.799.725.500

D03.383.679.875.500

Smartphone

A cellular phone with advanced computing and connectivity capability built on an operating system.

FX: Computers, Handheld

Tree locations:

Cell Phones L01.178.847.698.300.250

Computers, Handheld L01.224.230.260.550.500.500

Social Learning

The concept of new knowledge acquisition through observation and interaction with others.

PI: Learning (1963-2015)

FX: Socialization

Tree locations:

Learning F02.784.629.529.663

Sofosbuvir

A uridine monophosphate analog inhibitor of HEPATITIS C VIRUS (HCV) polymerase NS5B that is used as an ANTIVIRAL AGENT in the treatment of CHRONIC HEPATITIS C.

Tree locations:

Uridine Monophosphate D03.383.742.686.850.877.500

D13.695.740.850.877.500

D13.695.827.919.877.500

South Sudan

A nation located in East-Central Africa; south of Sudan, north of Uganda and Kenya, west of Ethiopia. Independence from SUDAN was attained on 9 July 2011. The capital is Juba. (from CIA. World Factbook, 2014.)

PI: Susan (1988-2015)

Tree locations:

Africa, Eastern Z01.058.290.120.745

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Spatial Regression

Methods used to take into account and incorporate spatial autocorrelation and regional variation into regression analysis models of data that has spatial dependency, and also to provide information on the spatial relationships among the variables.

PI: Regression Analysis (1996-2015)

Tree locations:

Regression Analysis E05.318.740.750.862
N05.715.360.750.695.825
N06.850.520.830.750.862
Spatial Analysis E05.318.740.933.375
N05.715.360.750.746.375
N06.850.520.830.933.375

Speech Sound Disorder

Persistent difficulty with speech sound production such that it interferes with verbal communication.

Tree locations:

Communication Disorders F03.625.374.500

Superficial Musculoaponeurotic System

Layer between the superficial fat compartment and superficial facial muscles in the head and the neck.

PI: Neck (1976-2015)

PI: Face (1976-2015)

FX: Rhytidoplasty

Tree locations:

Face A01.456.505.875
Neck A01.598.500

Surgical Clearance

Process of evaluating the health of a patient and determining if they are healthy enough for surgery.

FX: Physical Examination

Tree locations:

Diagnostic Techniques and Procedures E01.370.505

Tadalafil

A carboline derivative and PHOSPHODIESTERASE 5 INHIBITOR that is used primarily to treat ERECTILE DYSFUNCTION; BENIGN PROSTATIC HYPERPLASIA and PRIMARY PULMONARY HYPERTENSION.

FX: Sildenafil Citrate

Tree locations:

Carbolines D03.383.725.150.500
D03.438.473.155.500
D03.494.154.672

Specific Learning Disorder

Diagnosed when there are specific deficits in an individual's ability to perceive or process information efficiently and accurately. This disorder first manifests during the years of formal schooling and is characterized by persistent and impairing difficulties with learning foundational academic skills in reading, writing, and/or math. The individual's performance of the affected academic skills is well below average for age, or acceptable performance levels are achieved only with extraordinary effort. Specific learning disorder may occur in individuals identified as intellectually gifted and manifest only when the learning demands or assessment procedures (e.g., timed tests) pose barriers that cannot be overcome by their innate intelligence and compensatory strategies. For all individuals, specific learning disorder can produce lifelong impairments in activities dependent on the skills, including occupational performance. (from DSM-V)

Tree locations:

Learning Disorders F03.625.562.700

Spirit Possession

The idea that abnormal behavior or a medical condition is evidence that a person is under the control of a supernatural power or spirit. This belief was most commonly held in religion and medicine of the medieval period and is also held in many tribal cultures today.

FX: Superstitions

FX: Parapsychology

Tree locations:

Religion and Medicine K01.844.619.500

Supervised Machine Learning

A MACHINE LEARNING paradigm used to make predictions about future instances based on a given set of labeled paired input-output training (sample) data.

FX: Unsupervised Machine Learning

Tree locations:

Machine Learning G17.035.250.500.500
L01.224.050.375.530.500

Symptom Flare Up

A transient exacerbation of symptoms of an existing disease or condition.

PI: Recurrence (1972-2015)

PI: Incidence (1990-2015)

Tree locations:

Recurrence C23.550.291.937.500

Teas, Herbal

Beverages prepared from an infusion of plant tissues.

Tree locations:

Beverages G07.203.100.950
J02.200.950
Plant Preparations D20.215.784.937

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Teas, Medicinal

Beverages used in TRADITIONAL MEDICINE that are prepared from the infusion of plant tissue (HERBAL TEA), and/or animal tissue or other organisms such as FUNGI.

Tree locations:

Beverages G07.203.100.975
J02.200.975

Telocytes

A type of interstitial cells that have very long and thin CELL SURFACE EXTENSIONS called TELOPODES.

FX: Interstitial Cells of Cajal

Tree locations:

Stromal Cells A11.329.830.750

Tenofovir

An adenine analog REVERSE TRANSCRIPTASE INHIBITOR with antiviral activity against HIV-1 and HEPATITIS B. It is used to treat HIV INFECTIONS and CHRONIC HEPATITIS B, in combination with other ANTIVIRAL AGENTS, due to the emergence of ANTIVIRAL DRUG RESISTANCE when it is used alone.

Tree locations:

Adenine D03.438.759.138.881
Organophosphonates D02.705.429.906

Thoracentesis

Aspiration of fluid or air from the THORACIC CAVITY. It is coupled sometimes with the administration of drugs into the PLEURAL CAVITY.

PI: Paracentesis (1966-2015)

FX: Pneumothorax

FX: Pleural Effusion

Tree locations:

Paracentesis E01.370.225.998.329.810
E02.800.550.810
E04.665.600.810
E05.200.998.329.810

Tiotropium Bromide

A scopolamine derivative and CHOLINERGIC ANTAGONIST that functions as a BRONCHODILATOR AGENT. It is used in the treatment of CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Tree locations:

Scopolamine D02.145.074.722.822.887
Derivatives D03.132.889.601.887
D03.605.869.822.887
D04.075.080.875.099.722.822.887

Telerehabilitation

Delivery of therapeutic rehabilitation at a distance or offsite using telecommunication technologies.

PI: Telemedicine (1996-2015)

Tree locations:

Rehabilitation E02.831.891
H02.403.680.600.937
N02.421.784.840
Telemedicine H02.403.840.850
L01.178.847.652.850
N04.590.374.800.850

Telopodes

The very long and thin extensions of telocytes' cell surface, that have alternating thick and thin sections called podoms and podomers.

Tree locations:

Cell Surface Extensions A11.284.180.900
Telocytes A11.329.830.750.500

Theranostic Nanomedicine

An integrated nano-scale approach to MEDICINE which involves concurrent diagnosis, drug delivery, therapy, and monitoring of therapeutic response.

PI: Nanomedicine (2013-2015)

Tree locations:

Diagnosis E01.894
Medicine H02.403.845
Nanomedicine H01.603.600.500
J01.897.520.600.600.500
Therapeutics E02.921

Time Out, Healthcare

A period of time away from normal workflow taken to ensure key procedural details have been reviewed for better PATIENT SAFETY and help prevent MEDICAL ERRORS.

Tree locations:

Quality Assurance, Health Care N04.761.700.635
N05.700.739

Tolterodine Tartrate

An ANTIMUSCARINIC AGENT selective for the MUSCARINIC RECEPTORS of the BLADDER that is used in the treatment of URINARY INCONTINENCE and URINARY URGE INCONTINENCE.

Tree locations:

Benzhydryl D02.455.426.559.389.115.900
Compounds
Cresols D02.455.426.559.389.657.239.756
Phenylpropanolamine D02.033.100.624.706.750
D02.033.755.624.706.750
D02.092.063.624.706.800

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Toxicological Phenomena

The nature and effects of chemical, physical or biological poisons on living organisms.

AN: general or unspecified; prefer specifics

PI: Pharmacological Phenomena (1998-2015)

Tree locations:

Pharmacological and Toxicological G07.690.936
Phenomena and Processes

Transanal Endoscopic Microsurgery

A specialized form of transanal endoscopic surgery for microscopically controlled operations in the RECTUM.

PI: microsurgery (1985-2015)

Tree locations:

Microsurgery E04.494.787
Transanal Endoscopic E01.370.388.250.630.500.500
Surgery E04.210.240.250.680.500.500
E04.502.250.250.250.680.500.500
E04.502.250.630.500.500

Transitional Care

Health care provided during a transition to a different mode of care (e.g., TRANSITION TO ADULT CARE).

PI: Continuity of Patient Care (1987-2015)

Tree locations:

Continuity of Patient Care E02.204.812
N02.421.192.812
N04.590.233.727.210.812
Patient Care E02.760.940
N02.421.585.940

Trauma and Stressor Related Disorders

Disorders in which exposure to a traumatic or stressful event is explicitly a diagnostic criterion.

Tree locations:

Mental Disorders F03.950

Triticale

A CEREAL GRAIN plant resulting from a cross between TRITICUM and SECALE CEREALE.

PI: Poaceae (1970-2015)

PI: Cereals (1970-2015)

Tree locations:

Poaceae B01.650.940.800.575.100.822.906

Trachelectomy

Surgical removal or resection of the CERVIX UTERI.

PI: Hysterectomy (1988-2015)

Tree locations:

Hysterectomy E04.950.300.399.690

Transanal Endoscopic Surgery

Surgical procedures performed through the anus using a PROCTOSCOPE.

Tree locations:

Natural Orifice Endoscopic E01.370.388.250.630.500
Surgery E04.502.250.630.500
Proctoscopy E04.210.240.250.680.500
E04.502.250.250.250.680.500

Trastuzumab

A humanized monoclonal antibody against the ERBB-2 RECEPTOR (HER2). As an ANTINEOPLASTIC AGENT, it is used to treat BREAST CANCER where HER2 is overexpressed.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.875
Monoclonal, D12.776.124.790.651.114.224.060.875
Humanized D12.776.377.715.548.114.224.200.875

Travoprost

A cloprostenol derivative that is used as an ANTIHYPERTENSIVE AGENT in the treatment of OPEN-ANGLE GLAUCOMA and OCULAR HYPERTENSION.

Tree locations:

Cloprostenol D10.251.355.255.550.775.500.175.500
D23.469.050.175.725.775.500.175.500
D23.469.700.670.175.500

Twin-Arginine-Translocation System

Protein translocase in BACTERIA or CHLOROPLASTS that exports or secretes folded proteins. In GRAM-NEGATIVE BACTERIA, twin-arginine translocase (TAT) is involved in the export of folded proteins to the PERIPLASM. In chloroplasts, TAT is involved in transporting folded proteins across the membranes of THYLAKOIDS.

Tree locations:

Protein Translocation Systems D05.500.890.750

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Tympanocentesis

Needle aspiration of fluid from the MIDDLE EAR through a puncture in the TYMPANIC MEMBRANE.

PI: Paracentesis (1997-2015)

PI: Drainage (1973-2015)

FX: Middle Ear Ventilation

FX: Otitis Media

Tree locations:

Paracentesis E01.370.225.998.329.905
E02.800.550.905
E04.665.600.905
E05.200.998.329.905

Type II Secretion Systems

Gram-negative bacterial secretion systems which carry out the secretion of folded proteins. T2SSs secrete folded proteins from the PERIPLASMIC SPACE that have been exported there by SEC TRANSLOCASE or TAT SECRETION SYSTEMS, or they secrete folded proteins directly from the CYTOPLASM. The T2SSs have four substructures, an ATPase, an inner membrane platform, a pseudopilin, and secretin, an outer membrane complex which is a channel for secretion. (This bacterial secretin is not the same as the mammalian hormone also named SECRETIN.)

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.750

Type IV Secretion Systems

Multiprotein complexes that transport single proteins, multiprotein complexes, and nucleoprotein complexes from the CYTOPLASM into the EXTRACELLULAR SPACE or into recipient cells. T4SSs are found in GRAM-NEGATIVE BACTERIA, while homologous components to T4SSs are found in GRAM-POSITIVE BACTERIA.

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.937

Type VI Secretion Systems

Multiprotein complexes in GRAM NEGATIVE BACTERIA that deliver effector proteins into eukaryotic or prokaryotic cells by a mechanism similar to the contractile tail of bacteriophages. They are composed of a cell envelope-spanning tube which is surrounded by a contractile sheath and tipped by a cell puncturing complex; a base plate structure that anchors the assembly to the cell envelope; and an ATPase involved in the sheath contraction and disassembly of the complex.

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.984

Type I Secretion Systems

Gram-negative bacterial secretion systems which translocate effectors in a single step across the inner and outer membranes. The one-step secretion is carried out by a channel that passes from the CYTOPLASM, through the inner membrane, PERIPLASMIC SPACE, and outer membrane, to the EXTRACELLULAR SPACE. The specificity of type I secretions systems are determined by the specificity of the three subcomponents forming the channel - an ATP transporter (ATP-BINDING CASSETTE TRANSPORTERS); a membrane fusion protein (MEMBRANE FUSION PROTEINS); and an outer membrane protein (BACTERIAL OUTER MEMBRANE PROTEINS.)

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.500

Type III Secretion Systems

Multiprotein transmembrane complexes in GRAM-NEGATIVE BACTERIA involved in either the secretion of effector proteins from the bacterial cytoplasm into host cells, or the secretion and assembly of flagellar components. The major component of the T3SSs is called the injectosome or needle complex.

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.875

Type V Secretion Systems

Secretion systems of GRAM-NEGATIVE BACTERIA (single membrane proteins or multiprotein complexes) that carry out secretion of proteins from the PERIPLASMIC SPACE to the EXTRACELLULAR SPACE via a beta-barrel transmembrane pore. There are several T5SS subtypes: T5aSS monomeric autotransporters, T5bSS two-partner secretions systems (TPSS), T5cSS trimeric autotransporters, T5dSS fused two-partner secretion systems, and T5eSS autotransporters with inverted domains.

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.968

Type VII Secretion Systems

Bacterial secretion systems found in bacteria that have a MYCOLIC ACID-containing outer membrane such as MYCOBACTERIACEAE; Corynebacteriaceae; and NOCARDIACEAE. These are also known as ESX secretion systems because the first to be discovered is involved in secreting major virulence factors EsxA and EsxB. There are several subtypes of T7SSs including ESX-1, ESX-2, ESX-3, ESX-4, and ESX-5 secretion systems. The subtypes share some core components including an inner membrane channel-forming ATPase complex, a membrane-anchored mycosin, and a second channel that spans the outer mycolic acid-containing membrane.

PI: Bacterial Secretion Systems (2010-2015)

Tree locations:

Bacterial Secretion Systems D05.500.890.500.992

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Ultrasonic Waves

Oscillating sound wave with a frequency higher than the upper limit of the human hearing range.

PI: Ultrasonics (1966-2015)

PI: Sound (1969-2015)

PI: Ultrasonography (1963-2015)

PI: Ultrasonic Therapy (1969-2015)

FX: Ultrasonics

Tree locations:

Sound G01.750.770.776.891

Undocumented Immigrants

Foreign nationals residing in a country without legal immigration status, or in violation of the immigration laws of that country.

PI: Emigration and Immigration (1981-2015)

PI: Transients and Migrants (1981-2015)

Tree locations:

Emigrants and Immigrants M01.189.500

Unsupervised Machine Learning

A MACHINE LEARNING paradigm used to make predictions about future instances based on a given set of unlabeled paired input-output training (sample) data.

FX: Supervised Machine Learning

Tree locations:

Machine Learning G17.035.250.500.750

L01.224.050.375.530.750

Valsartan

A tetrazole derivative and ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKER that is used to treat HYPERTENSION.

FX: Losartan

Tree locations:

Tetrazoles D03.383.129.617.850

Valine D12.125.070.950.550

D12.125.142.930.500

Varenicline

A benzazepine derivative that functions as an ALPHA4/BETA2 NICOTINIC RECEPTOR partial agonist. It is used for SMOKING CESSATION.

FX: Tobacco Use Cessation Products

Tree locations:

Benzazepines D03.438.079.900

Quinoxalines D03.438.857.942

Vegetable Products

Food that is manufactured from various parts of vegetables.

PI: Vegetables (1966-2015)

Tree locations:

Vegetables G07.203.300.850.450

J02.500.850.800

Underage Drinking

Consumption of ALCOHOLIC BEVERAGES by persons under the legal drinking age.

FX: Alcohol Drinking in College

Tree locations:

Adolescent Behavior F01.145.022.750

Alcohol Drinking F01.145.317.269.875

Social Problems I01.880.735.878

Unilateral Breast Neoplasms

Tumors or cancer found specifically in one human BREAST, but not in both.

AN: human only; coordinate IM with histological type of neoplasm (IM)

PI: Breast Neoplasms (1977-2015)

Tree locations:

Breast Neoplasms C04.588.180.682

C17.800.090.500.682

Ustekinumab

A humanized monoclonal antibody that binds to IL-12 and IL-23 and is used as a DERMATOLOGIC AGENT in the treatment of patients with plaque PSORIASIS who have not responded to other therapies.

Tree locations:

Antibodies, D12.776.124.486.485.114.224.060.937

Monoclonal, D12.776.124.790.651.114.224.060.937

Humanized D12.776.377.715.548.114.224.200.937

Vardenafil Dihydrochloride

A piperazine derivative, PHOSPHODIESTERASE 5 INHIBITOR and VASODILATOR AGENT that is used as a UROLOGICAL AGENT in the treatment of ERECTILE DYSFUNCTION.

Tree locations:

Imidazoles D03.383.129.308.980

Piperazines D03.383.606.960

Vegans

Persons who avoid consuming animal products or animal-derived substances, such as MEAT; EGGS; or HONEY. Some vegans also refrain from using animals or animal products in any form or for any purpose, such as in CLOTHING or household goods.

PI: Diet, Vegetarian (1967-2015)

FX: Diet, Vegan

Tree locations:

Vegetarians M01.928.500

Vegetarians

Persons who do not eat MEAT.

PI: Diet, Vegetarian (1963-2015)

FX: Diet, Vegetarian

Tree locations:

Persons M01.928

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Venlafaxine Hydrochloride

A cyclohexanol and phenylethylamine derivative that functions as a SEROTONIN AND NORADRENALINE REUPTAKE INHIBITOR (SNRI) and is used as an ANTIDEPRESSIVE AGENT.

Tree locations:

Cyclohexanols D02.033.415.510.500.901
D02.455.426.392.368.367.318.750
D10.289.510.500.901
Phenethylamines D02.092.471.683.948

War Exposure

The health and other ramifications of military and civilian exposure to WAR.

PI: Warfare (1996-2015)

FX: Veterans Health

Tree locations:

Occupational Exposure N06.850.460.350.600.903
Warfare I01.880.735.950.500.951

Warfare and Armed Conflicts

Engaging in any type of conflict including war or military conflict against another nation or organized group..

AN: used for searching; INDEXER: Do not use;

CATALOGER: Do not use

Tree locations:

Social Problems I01.880.735.950

Whey

The liquid components of milk that remain after the CASEIN, fat, and fat soluble components have been removed. It is also a byproduct of cheese production.

PI: Dairy Products (1964-2015)

Tree locations:

Milk G07.203.100.700.750
G07.203.300.350.525.760
J02.200.700.750
J02.500.350.525.760

Whole Grains

Edible seeds which contain all components of the seed - germ, bran, and ENDOSPERM.

PI: Cereals (1973-2015)

Tree locations:

Edible Grain G07.203.300.300.550.500
G07.203.300.775.500.500
J02.500.300.550.500
J02.500.775.500.500

Vilazodone Hydrochloride

A benzofuran, indole, and piperazine derivative that functions as a SEROTONIN UPTAKE INHIBITOR and partial SEROTONIN 5-HT1 RECEPTOR AGONIST. It is used as an ANTIDEPRESSIVE AGENT.

Tree locations:

Benzofurans D03.438.127.818
Indoles D03.438.473.957
Piperazines D03.383.606.980

War-Related Injuries

WOUNDS and INJURIES and PSYCHOLOGICAL TRAUMA sustained during WAR.

FX: Stress Disorders, Post-Traumatic

Tree locations:

War Exposure I01.880.735.950.500.951.500
N06.850.460.350.600.903.500
Wounds and Injuries C26.946

Waterborne Diseases

Illnesses due to micro-organisms and chemicals in drinking water, those caused by organisms having part of their lifecycle in water or those with water-related vectors, and others spread by aerosols containing pathogens.

Tree locations:

Communicable Diseases C01.539.221.750

Whey Proteins

The protein components of milk obtained from the whey.

Tree locations:

Milk Proteins D12.776.256.626.816
G07.203.300.350.525.520.500
G07.203.300.428.626.500
J02.500.350.525.520.500
J02.500.428.626.500
Whey G07.203.300.350.525.760.500
J02.500.350.525.760.500

Work Performance

Measure of how well someone performs given tasks at their place of work.

PI: Employee Performance Appraisal (1963-2015)

FX: Workplace

Tree locations:

Work I03.946.675

New MeSH Headings for 2016

Listed in alphabetical order with Heading, Scope Note, Annotation (AN), Previous Indexing (PI), See Also (FX), and Tree Locations

Working Poor

People who are in the labor force either working or looking for work for 27 weeks or more in a year, but whose income fall below a given poverty line.

PI: Poverty (1975-2015)

FX: Poverty

FX: Poverty Areas

Tree locations:

Persons M01.987

Youth Sports

SPORTS activities designed and/or organized for CHILDREN or YOUTH.

Tree locations:

Sports I03.450.642.845.987

2016 MeSH Headings by Subcategory

A01 Body Regions

- > Superficial Musculoaponeurotic System

A02 Musculoskeletal System

- > Bone-Implant Interface
- > Plantar Plate
- > Round Ligament of Liver
- > Round Ligaments
- > Round Ligament of Femur

A03 Digestive System

- > Round Ligament of Liver

A07 Cardiovascular System

- > Pericardial Fluid

A10 Tissues

- > Bone-Implant Interface
- > Pericardial Fluid
- > Plantar Plate

A11 Cells

- > Embryonic Germ Cells
- > Extracellular Vesicles
- > Human Embryonic Stem Cells
- > Mitochondrial Ribosomes
- > Mouse Embryonic Stem Cells
- > Podosomes
- > RAW 264.7 Cells
- > Telocytes
- > Telopodes

A12 Fluids and Secretions

- > Pericardial Fluid

B01 Eukaryota

- > Animals, Exotic
- > Calceolariaceae
- > Drosophila simulans
- > Eugenia
- > Fallopia
- > Fallopia multiflora
- > Giraffes
- > Hoodia
- > Hyssopus Plant
- > Lamiales
- > Millets
- > Ononis
- > Parmeliaceae
- > Phakopsora pachyrhizi
- > Plantaginaceae
- > Prunus africana
- > Prunus armeniaca
- > Prunus avium
- > Prunus domestica
- > Prunus dulcis
- > Prunus persica
- > Triticale

B03 Bacteria

- > Clostridiales
- > Firmicutes

B04 Viruses

- > Fungal Viruses

C01 Bacterial Infections and Mycoses

- > Waterborne Diseases

C04 Neoplasms

- > Mammary Analogue Secretory Carcinoma
- > Plasmablastic Lymphoma
- > Unilateral Breast Neoplasms

2016 MeSH Headings by Subcategory

C10 Nervous System Diseases

- > Autoimmune Hypophysitis
- > Drug Resistant Epilepsy
- > Infectious Encephalitis

C11 Eye Diseases

- > Canaliculitis

C12 Male Urogenital Diseases

- > Fused Kidney

C13 Female Urogenital Diseases and Pregnancy Complications

- > Fused Kidney

C15 Hemic and Lymphatic Diseases

- > Plasmablastic Lymphoma

C16 Congenital, Hereditary, and Neonatal Diseases and Abnormalities

- > Fused Kidney

C17 Skin and Connective Tissue Diseases

- > Acne Conglobata
- > Unilateral Breast Neoplasms

C18 Nutritional and Metabolic Diseases

- > Obesity, Metabolically Benign
- > Severe Acute Malnutrition

C19 Endocrine System Diseases

- > Autoimmune Hypophysitis

C20 Immune System Diseases

- > Autoimmune Hypophysitis
- > Plasmablastic Lymphoma
- > Shellfish Hypersensitivity

C23 Pathological Conditions, Signs and Symptoms

- > Compassion Fatigue
- > Incisional Hernia
- > Late Onset Disorders
- > Long Term Adverse Effects
- > Obesity, Metabolically Benign
- > Symptom Flare Up

C26 Wounds and Injuries

- > Cold Injury
- > Fractures, Multiple
- > War-Related Injuries

D01 Inorganic Chemicals

- > Bortezomib

2016 MeSH Headings by Subcategory

D02 Organic Chemicals

- | | | |
|---|--|---|
| > Adapalene | > Adapalene, Benzoyl Peroxide Drug Combination | > Albumin-Bound Paclitaxel |
| > Albuterol, Ipratropium Drug Combination | > Aspirin, Dipyridamole Drug Combination | > Atomoxetine Hydrochloride |
| > Bendamustine Hydrochloride | > Bimatoprost | > Blood Alcohol Content |
| > Bortezomib | > Brimonidine Tartrate, Timolol Maleate Drug Combination | > Budesonide, Formoterol Fumarate Drug Combination |
| > Canagliflozin | > Celecoxib | > Cinacalcet Hydrochloride |
| > Cobicistat | > Colesevelam Hydrochloride | > Darunavir |
| > Dasatinib | > Desvenlafaxine Succinate | > Dimethyl Fumarate |
| > Duloxetine Hydrochloride | > Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination | > Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination |
| > Emtricitabine, Rilpivirine, Tenofovir Drug Combination | > Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination | > Everolimus |
| > Ezetimibe, Simvastatin Drug Combination | > Febuxostat | > Fingolimod Hydrochloride |
| > Fluticasone Propionate, Salmeterol Xinafoate Drug Combination | > Formoterol Fumarate | > Imatinib Mesylate |
| > Linezolid | > Lisdexamphetamine Dimesylate | > Lurasidone Hydrochloride |
| > Mometasone Furoate, Formoterol Fumarate Drug Combination | > Nebivolol | > Prasugrel Hydrochloride |
| > Pregabalin | > Quetiapine Fumarate | > Ranolazine |
| > Rilpivirine | > Risedronate Sodium | > Rivaroxaban |
| > Rivastigmine | > Rosuvastatin Calcium | > Salmeterol Xinafoate |
| > Sevelamer | > Sildenafil Citrate | > Simeprevir |
| > Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination | > Tenofovir | > Tiotropium Bromide |
| > Tolterodine Tartrate | > Venlafaxine Hydrochloride | |

2016 MeSH Headings by Subcategory

D03 Heterocyclic Compounds

- | | | |
|---|---|--|
| > Albuterol, Ipratropium Drug Combination | > Amlodipine Besylate, Olmesartan Medoxomil Drug Combination | > Amlodipine, Valsartan Drug Combination |
| > Aripiprazole | > Aspirin, Dipyridamole Drug Combination | > Atazanavir Sulfate |
| > Atorvastatin Calcium | > Bendamustine Hydrochloride | > Bortezomib |
| > Brimonidine Tartrate | > Brimonidine Tartrate, Timolol Maleate Drug Combination | > Buprenorphine, Naloxone Drug Combination |
| > Canagliflozin | > Capecitabine | > Celecoxib |
| > Cobicistat | > Dabigatran | > Darunavir |
| > Dasatinib | > Duloxetine Hydrochloride | > Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination |
| > Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination | > Emtricitabine | > Emtricitabine, Rilpivirine, Tenofovir Drug Combination |
| > Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination | > Erlotinib Hydrochloride | > Eszopiclone |
| > Ezetimibe | > Ezetimibe, Simvastatin Drug Combination | > Febuxostat |
| > Imatinib Mesylate | > Linagliptin | > Linezolid |
| > Lurasidone Hydrochloride | > Nebivolol | > Olmesartan Medoxomil |
| > Olopatadine Hydrochloride | > Paliperidone Palmitate | > Pemetrexed |
| > Prasugrel Hydrochloride | > Quetiapine Fumarate | > Raltegravir Potassium |
| > Ranolazine | > Rilpivirine | > Rivaroxaban |
| > Rosuvastatin Calcium | > Sildenafil Citrate | > Simeprevir |
| > Sitagliptin Phosphate | > Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination | > Sofosbuvir |
| > Solifenacin Succinate | > Tadalafil | > Tenofovir |
| > Tiotropium Bromide | > Valsartan | > Vardenafil Dihydrochloride |
| > Varenicline | > Vilazodone Hydrochloride | |

D04 Polycyclic Compounds

- | | | |
|---|---|--|
| > Abiraterone Acetate | > Adapalene | > Adapalene, Benzoyl Peroxide Drug Combination |
| > Albuterol, Ipratropium Drug Combination | > Budesonide, Formoterol Fumarate Drug Combination | > Buprenorphine, Naloxone Drug Combination |
| > Cinacalcet Hydrochloride | > Dutasteride | > Ezetimibe, Simvastatin Drug Combination |
| > Fluticasone | > Fluticasone Propionate, Salmeterol Xinafoate Drug Combination | > Loteprednol Etabonate |
| > Mometasone Furoate | > Mometasone Furoate, Formoterol Fumarate Drug Combination | > Tiotropium Bromide |

D05 Macromolecular Substances

- | | | |
|------------------------------|---------------------------------|--------------------------------------|
| > Certolizumab Pegol | > Protein Translocation Systems | > Twin-Arginine-Translocation System |
| > Type I Secretion Systems | > Type II Secretion Systems | > Type III Secretion Systems |
| > Type IV Secretion Systems | > Type V Secretion Systems | > Type VI Secretion Systems |
| > Type VII Secretion Systems | | |

2016 MeSH Headings by Subcategory

D06 Hormones, Hormone Substitutes, and Hormone Antagonists

- > Insulin Detemir
- > Insulin Glargine
- > Isophane Insulin, Human
- > Liraglutide

D08 Enzymes and Coenzymes

- > Ataxin-3

D09 Carbohydrates

- > Canagliflozin

D10 Lipids

- > Atorvastatin Calcium
- > Bimatoprost
- > Desvenlafaxine Succinate
- > Ghee
- > Lubiprostone
- > Olive Oil
- > Travoprost
- > Venlafaxine Hydrochloride

D12 Amino Acids, Peptides, and Proteins

- > Abatacept
- > Adalimumab
- > Advanced Glycosylation End Product-Specific Receptor
- > Alarmins
- > Albumin-Bound Paclitaxel
- > Amlodipine, Valsartan Drug Combination
- > Ataxin-1
- > Ataxin-10
- > Ataxin-2
- > Ataxin-3
- > Ataxin-7
- > Ataxins
- > Atazanavir Sulfate
- > Bevacizumab
- > CELF Proteins
- > CELF1 Protein
- > Certolizumab Pegol
- > Cetuximab
- > Darbepoetin alfa
- > Denosumab
- > ELAV-Like Protein 1
- > ELAV-Like Protein 2
- > ELAV-Like Protein 3
- > ELAV-Like Protein 4
- > Epoetin Alfa
- > Etanercept
- > Filgrastim
- > Glatiramer Acetate
- > Glucagon-Like Peptide Receptors
- > Glucagon-Like Peptide-1 Receptor
- > Glucagon-Like Peptide-2 Receptor
- > Infliximab
- > Insulin Detemir
- > Insulin Glargine
- > Interferon beta-1a
- > Interferon beta-1b
- > Interleukin-33
- > Isophane Insulin, Human
- > Natalizumab
- > Omalizumab
- > Orexins
- > Palivizumab
- > Pemetrexed
- > Pregabalin
- > Protein Corona
- > RNA Recognition Motif (RRM) Proteins
- > Ranibizumab
- > Rituximab
- > S100A12 Protein
- > Serine-Arginine Splicing Factors
- > Trastuzumab
- > Ustekinumab
- > Valsartan
- > Whey Proteins

D13 Nucleic Acids, Nucleotides, and Nucleosides

- > Capecitabine
- > Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
- > Emtricitabine
- > Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
- > Internal Ribosome Entry Sites
- > Sofosbuvir

2016 MeSH Headings by Subcategory

D20 Complex Mixtures

- > Heptavalent Pneumococcal Conjugate Vaccine
- > Teas, Herbal
- > Human Papillomavirus Recombinant Vaccine Quadrivalent, Types 6, 11, 16, 18
- > Kombucha Tea

D23 Biological Factors

- > Alarmins
- > Filgrastim
- > Interleukin-33
- > Travoprost
- > Bimatoprost
- > Interferon beta-1a
- > Pathogen-Associated Molecular Pattern Molecules
- > Epoetin Alfa
- > Interferon beta-1b
- > S100A12 Protein

D25 Biomedical and Dental Materials

- > Certolizumab Pegol

D26 Pharmaceutical Preparations

- > Adapalene, Benzoyl Peroxide Drug Combination
- > Amlodipine, Valsartan Drug Combination
- > Budesonide, Formoterol Fumarate Drug Combination
- > Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
- > Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
- > Mometasone Furoate, Formoterol Fumarate Drug Combination
- > Albuterol, Ipratropium Drug Combination
- > Aspirin, Dipyridamole Drug Combination
- > Buprenorphine, Naloxone Drug Combination
- > Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
- > Ezetimibe, Simvastatin Drug Combination
- > Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
- > Amlodipine Besylate, Olmesartan Medoxomil Drug Combination
- > Brimonidine Tartrate, Timolol Maleate Drug Combination
- > Cosmeceuticals
- > Emtricitabine, Rilpivirine, Tenofovir Drug Combination
- > Fluticasone Propionate, Salmeterol Xinafoate Drug Combination

D27 Chemical Actions and Uses

- > Adenylyl Cyclase Inhibitors
- > Nerve Agents
- > Serotonin and Noradrenaline Reuptake Inhibitors
- > Cosmeceuticals
- > Orexin Receptor Antagonists
- > Sleep Aids, Pharmaceutical
- > Dermal Fillers
- > Poly(ADP-ribose) Polymerase Inhibitors

E01 Diagnosis

- > Abnormal Involuntary Movement Scale
- > Clinical Decision-Making
- > Failure to Rescue, Health Care
- > Surgical Clearance
- > Transanal Endoscopic Microsurgery
- > Arthrocentesis
- > Direct-To-Consumer Screening and Testing
- > Intravital Microscopy
- > Theranostic Nanomedicine
- > Transanal Endoscopic Surgery
- > Body, Physical Appearance
- > Electrocorticography
- > Obesity, Metabolically Benign
- > Thoracentesis
- > Tympanocentesis

2016 MeSH Headings by Subcategory

E02 Therapeutics

- | | | |
|-------------------------------|-------------------------------------|------------------------------------|
| > Arthrocentesis | > Bioresonance Therapy | > Deprescriptions |
| > Diet, Vegan | > Dose Hypofractionation | > Fecal Microbiota Transplantation |
| > Injection, Intratympanic | > Mitochondrial Replacement Therapy | > Near Miss, Healthcare |
| > Neurological Rehabilitation | > Prescription Drug Overuse | > RNAi Therapeutics |
| > Re-Irradiation | > Telerehabilitation | > Theranostic Nanomedicine |
| > Thoracentesis | > Transitional Care | > Tympanocentesis |

E04 Surgical Procedures, Operative

- | | | |
|--------------------------------|-------------------|-------------------------------------|
| > Arterial Switch Operation | > Arthrocentesis | > Morcellation |
| > Thoracentesis | > Trachelectomy | > Transanal Endoscopic Microsurgery |
| > Transanal Endoscopic Surgery | > Tympanocentesis | |

E05 Investigative Techniques

- | | | |
|---|-----------------------------|------------------------------------|
| > Action Spectrum | > Arthrocentesis | > Behavior Observation Techniques |
| > Cellular Reprogramming Techniques | > Clinical Studies as Topic | > Contraceptive Prevalence Surveys |
| > Data Accuracy | > Dynamic Light Scattering | > Health Smart Cards |
| > Healthcare Failure Mode and Effect Analysis | > Intravital Microscopy | > Isolated Heart Preparation |
| > Mitochondrial Replacement Therapy | > Prisoner Dilemma | > Selective Breeding |
| > Spatial Regression | > Thoracentesis | > Tympanocentesis |

E07 Equipment and Supplies

- | | | |
|---------------------------------|-----------------------------------|---------------|
| > Bone-Implant Interface | > Exoskeleton Device | > Humidifiers |
| > Personal Protective Equipment | > Self Expandable Metallic Stents | |

F01 Behavior and Behavior Mechanisms

- | | | |
|-----------------------------------|-------------------------------|-------------------------|
| > Alcohol Drinking in College | > Compassion Fatigue | > Criminal Behavior |
| > Diplomacy | > Driving Under the Influence | > Emotional Adjustment |
| > Functional Behavior, Psychology | > Grandparents | > Help-Seeking Behavior |
| > Literacy | > No-Show Patients | > Optimism |
| > Peer Influence | > Pessimism | > Problem Behavior |
| > Self-Control | > Underage Drinking | |

F02 Psychological Phenomena and Processes

- | | | |
|------------------------|----------------------|-----------------------|
| > Compassion Fatigue | > Diplomacy | > Distance Counseling |
| > Facial Recognition | > Formative Feedback | > Heuristics |
| > Memory Consolidation | > Metacognition | > Presenteeism |
| > Social Learning | | |

F03 Mental Disorders

- | | | |
|--------------------------------|---------------------------------|---|
| > Autism Spectrum Disorder | > Bipolar and Related Disorders | > Childhood-Onset Fluency Disorder |
| > Gender Dysphoria | > Hoarding Disorder | > Motor Disorders |
| > Neurodevelopmental Disorders | > Psychological Trauma | > Social Communication Disorder |
| > Specific Learning Disorder | > Speech Sound Disorder | > Trauma and Stressor Related Disorders |

2016 MeSH Headings by Subcategory

F04 Behavioral Disciplines and Activities

- > Anger Management Therapy
- > Behavior Observation Techniques
- > Behavior Rating Scale
- > Cognitive Neuroscience
- > Distance Counseling
- > Environmental Psychology
- > Presenteeism
- > Psychology, Sports

G01 Physical Phenomena

- > Iridescence
- > Radiation Exposure
- > Ultrasonic Waves

G02 Chemical Phenomena

- > Internal Ribosome Entry Sites

G04 Cell Physiological Phenomena

- > Cell Plasticity
- > Cell Self Renewal
- > Pyroptosis

G05 Genetic Phenomena

- > Cell Self Renewal
- > Ectopic Gene Expression
- > Genetic Background
- > Internal Ribosome Entry Sites
- > Mutation Accumulation
- > Selective Breeding
- > Silent Mutation

G06 Microbiological Phenomena

- > Gastrointestinal Microbiome

G07 Physiological Phenomena

- > Body Weight Maintenance
- > Body, Physical Appearance
- > Cell Self Renewal
- > Chronopharmacokinetics
- > Cognitive Aging
- > Diet, Food, and Nutrition
- > Diet, Vegan
- > Fruit and Vegetable Juices
- > Ghee
- > Glycemic Load
- > Immunosenescence
- > Kombucha Tea
- > Obesity, Metabolically Benign
- > Olive Oil
- > Parasite Encystment
- > Pharmacological Phenomena
- > Red Meat
- > Teas, Herbal
- > Teas, Medicinal
- > Toxicological Phenomena
- > Vegetable Products
- > Whey
- > Whey Proteins
- > Whole Grains

G09 Circulatory and Respiratory Physiological Phenomena

- > Neurovascular Coupling

G11 Musculoskeletal and Neural Physiological Phenomena

- > Neuroprotection

G12 Immune System Phenomena

- > Immunosenescence
- > Seroconversion

G16 Biological Phenomena

- > Biological Mimicry
- > Gastrointestinal Microbiome
- > Natural Resources
- > Origin of Life
- > Refugium
- > Saline Waters

2016 MeSH Headings by Subcategory

G17 Mathematical Concepts

- > Machine Learning
- > Supervised Machine Learning
- > Unsupervised Machine Learning

H01 Natural Science Disciplines

- > Biobehavioral Sciences
- > Cognitive Neuroscience
- > Data Anonymization
- > Dual Use Research
- > Failure to Rescue, Health Care
- > Neuropathology
- > Rehabilitation Research
- > Theranostic Nanomedicine

H02 Health Occupations

- > Medical-Surgical Nursing
- > Neurological Rehabilitation
- > Neuropathology
- > Psychiatric Rehabilitation
- > Telerehabilitation
- > Theranostic Nanomedicine

I01 Social Sciences

- > African Union
- > Armed Conflicts
- > Censorship, Research
- > Child Protective Services
- > Defamation
- > Diplomacy
- > Driving Under the Influence
- > Exposure to Violence
- > Grandparents
- > Industrial Development
- > International Law
- > Intimate Partner Violence
- > Legal Services
- > Legendary Creatures
- > Origin of Life
- > Personally Identifiable Information
- > Physical Abuse
- > Population Forecast
- > Underage Drinking
- > War Exposure
- > War-Related Injuries
- > Warfare and Armed Conflicts

I02 Education

- > Simulation Training

I03 Human Activities

- > Driving Under the Influence
- > Games, Recreational
- > Return to Sport
- > Work Performance
- > Youth Sports

J01 Technology, Industry, and Agriculture

- > Certolizumab Pegol
- > Coal Industry
- > Crop Production
- > Crop Protection
- > Culturally Appropriate Technology
- > Direct-to-Consumer Advertising
- > Glycemic Load
- > Humidifiers
- > Hydraulic Fracking
- > Industrial Development
- > Natural Resources
- > Oil and Gas Industry
- > Plant Breeding
- > Theranostic Nanomedicine

J02 Food and Beverages

- > Fruit and Vegetable Juices
- > Ghee
- > Kombucha Tea
- > Olive Oil
- > Red Meat
- > Teas, Herbal
- > Teas, Medicinal
- > Vegetable Products
- > Whey
- > Whey Proteins
- > Whole Grains

K01 Humanities

- > Censorship, Research
- > Professionalism
- > Psychiatry in Literature
- > Romanticism
- > Spirit Possession

2016 MeSH Headings by Subcategory

L01 Information Science

- | | | |
|---|---------------------------------|------------------------------------|
| > Cloud Computing | > Computer Heuristics | > Contraceptive Prevalence Surveys |
| > Data Accuracy | > Data Anonymization | > Digital Divide |
| > Formative Feedback | > Health Smart Cards | > Libraries, Special |
| > Literacy | > Machine Learning | > Open Access Publishing |
| > Public Service Announcements as Topic | > Smartphone | > Supervised Machine Learning |
| > Telerehabilitation | > Unsupervised Machine Learning | |

M01 Persons

- | | | |
|---|-----------------|-----------------------------------|
| > Adult Survivors of Child Adverse Events | > Farmers | > Grandparents |
| > Miners | > Neurosurgeons | > Oral and Maxillofacial Surgeons |
| > Orthodontists | > Pedestrians | > Social Workers |
| > Undocumented Immigrants | > Vegans | > Vegetarians |
| > Working Poor | | |

N01 Population Characteristics

- | | | |
|---------------------|-------------------|-----------------------|
| > Adolescent Health | > Child Health | > Infant Health |
| > Literacy | > Maternal Health | > Population Forecast |

N02 Health Care Facilities, Manpower, and Services

- | | | |
|----------------------------------|--|-------------------------------|
| > Adult Day Care Centers | > Direct-To-Consumer Screening and Testing | > Distance Counseling |
| > Evidence-Based Facility Design | > Maternal-Child Health Services | > Medical Overuse |
| > Medical-Surgical Nursing | > Near Miss, Healthcare | > Neurological Rehabilitation |
| > Neurosurgeons | > Oral and Maxillofacial Surgeons | > Orthodontists |
| > Psychiatric Rehabilitation | > Seed Bank | > Telerehabilitation |
| > Transitional Care | | |

N03 Health Care Economics and Organizations

- | | | |
|---------------------------------------|----------------------|-----------------------------|
| > African Union | > Banking, Personal | > Child Protective Services |
| > Children's Health Insurance Program | > Data Anonymization | > Financial Statements |
| > International Law | | |

N04 Health Services Administration

- | | | |
|---|---|--|
| > Administrative Claims, Healthcare | > Concierge Medicine | > Crew Resource Management, Healthcare |
| > Critical Care Outcomes | > Data Anonymization | > Distance Counseling |
| > Failure to Rescue, Health Care | > Health Equity | > Health Smart Cards |
| > Healthcare Failure Mode and Effect Analysis | > Near Miss, Healthcare | > No-Show Patients |
| > Point-of-Care Testing | > Potentially Inappropriate Medication List | > Telerehabilitation |
| > Time Out, Healthcare | > Transitional Care | |

2016 MeSH Headings by Subcategory

N05 Health Care Quality, Access, and Evaluation

- > Censorship, Research
- > Clinical Studies as Topic
- > Contraceptive Prevalence Surveys
- > Critical Care Outcomes
- > Data Accuracy
- > Failure to Rescue, Health Care
- > Health Equity
- > Health Smart Cards
- > Healthcare Failure Mode and Effect Analysis
- > Medical Overuse
- > Near Miss, Healthcare
- > No-Show Patients
- > Potentially Inappropriate Medication List
- > Professionalism
- > Spatial Regression
- > Time Out, Healthcare

N06 Environment and Public Health

- > Clinical Studies as Topic
- > Contraceptive Prevalence Surveys
- > Gastrointestinal Microbiome
- > Glycemic Load
- > Health Smart Cards
- > Healthcare Failure Mode and Effect Analysis
- > Natural Resources
- > Parks, Recreational
- > Radiation Exposure
- > Spatial Regression
- > War Exposure
- > War-Related Injuries

V01 Publication Components

- > Blogs

V02 Publication Formats

- > Blogs
- > Graphic Novels
- > Public Service Announcements

V03 Study Characteristics

- > Clinical Study

Z01 Geographic Locations

- > Beijing
- > South Sudan

MeSH Headings with Preferred term changes for 2016

These headings were re-named using either an existing entry term from the record or a new term

Desc Ui	Old MH Term	Was Entry Term	New MH Term
D000262	Adenylate Cyclase	no	Adenylyl Cyclases
D000770	Anesthesia, Intratracheal	no	Anesthesia, Endotracheal
D049811	Anellovirus	yes	Anelloviridae
D013067	Arachis hypogaea	yes	Arachis
D018554	Avena sativa	yes	Avena
D001368	Axis	no	Axis, Cervical Vertebra
D015415	Biological Markers	yes	Biomarkers
D014408	Tumor Markers, Biological	no	Biomarkers, Tumor
D017522	Bosnia-Herzegovina	yes	Bosnia and Herzegovina
D002944	Circumcision, Male	no	Circumcision, Male
D003631	Day Care	no	Day Care, Medical
D064699	Dexmethylphenidate	yes	Dexmethylphenidate Hydrochloride
D003927	Diabetic Diet	yes	Diet, Diabetic
D007174	Impulse Control Disorders	no	Disruptive, Impulse Control, and Conduct Disorders
D002523	Cereals	no	Edible Grain
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	yes	ELAV Proteins
D064868	Ethic Conflict	yes	Ethnic Violence
D045468	Polygonum cuspidatum	yes	Fallopia japonica
D001068	Eating Disorders	no	Feeding and Eating Disorders
D005716	Game Theory	no	Game Theory
D062985	Health Services for Transgendered Persons	no	Health Services for Transgender Persons
D001467	Hordeum	yes	Hordeum
D027902	Adhatoda	no	Justicia
D018285	Klatskin's Tumor	no	Klatskin Tumor
D028022	Laser Therapy, Low-Level	no	Low-Level Light Therapy
D019965	Delirium, Dementia, Amnestic, Cognitive Disorders	no	Neurocognitive Disorders
D064887	Observational Study as Topic	no	Observational Studies as Topic
D001678	Biogenesis	no	Organelle Biogenesis
D012275	Oryza sativa	yes	Oryza
D053401	Volar Plate	yes	Palmar Plate
D010262	Paraphilias	no	Paraphilic Disorders
D009629	Nondirective Therapy	no	Person-Centered Therapy
D002620	Pharmacological Phenomena	no	Pharmacological and Toxicological Phenomena and Processes
D019239	Dentist's Practice Patterns	no	Practice Patterns, Dentists'
D057184	Nurse's Practice Patterns	no	Practice Patterns, Nurses'
D010818	Physician's Practice Patterns	no	Practice Patterns, Physicians'
D057285	Individualized Medicine	no	Precision Medicine

MeSH Headings with Preferred term changes for 2016 (continued)			
Desc UI	Old MH Term	Was Entry Term	New MH Term
D020849	Raloxifene	yes	Raloxifene Hydrochloride
D006178	Gypsies	no	Roma
D012404	Round Ligament	no	Round Ligament of Uterus
D012434	Secale cereale	yes	Secale
D036226	Seedling	yes	Seedlings
D012893	Sleep Disorders	yes	Sleep Wake Disorders
D013027	Space Maintenance	no	Space Maintenance, Orthodontic
D060387	Support Vector Machines	no	Support Vector Machine
D011795	Questionnaires	no	Surveys and Questionnaires
D027842	Eugenia	yes	Syzygium
D049648	East Timor	no	Timor-Leste
D063106	Transgendered Persons	yes	Transgender Persons
D015662	Trimethoprim-Sulfamethoxazole Combination	no	Trimethoprim, Sulfamethoxazole Drug Combination
D014857	War	no	Warfare
D014921	Wing	no	Wings, Animal
D000356	African horse sickness virus	no	African Horse Sickness Virus
D001354	Avian leukosis virus	no	Avian Leukosis Virus
D009189	Avian myeloblastosis virus	no	Avian Myeloblastosis Virus
D008915	Minute virus of mice	no	Minute Virus of Mice
D015302	Simian immunodeficiency virus	no	Simian Immunodeficiency Virus

Descriptor terms moving from one Descriptor to Another			
This list shows terms, including MH term, that moved from one descriptor in 2015 MeSH to another in 2016 MeSH. Note that deleted headings with moved terms are shown in a separate table.			
Desc UI	Current Heading	Entry Terms Moving	New Heading Location
D027901	Acanthaceae	Castilleja	Orobanchaceae
D027901	Acanthaceae	Indian Paintbrush	Orobanchaceae
D027901	Acanthaceae	Paintbrush, Indian	Orobanchaceae
D000223	Adaptation, Psychological	Psychological Adjustment	Emotional Adjustment
D017668	Age of Onset	Late-Onset Disorders	Late Onset Disorders
D000383	Agriculture	Agricultural Workers	Farmers
D000383	Agriculture	Land Supply	Natural Resources
D001185	Artificial Intelligence	Machine Learning	Machine Learning
D001330	Automatic Data Processing	Data Files	Information Storage and Retrieval
D001330	Automatic Data Processing	Machine-Readable Data Files	Information Storage and Retrieval
D001628	Beverages	Herbal Teas	Teas, Herbal
D001628	Beverages	Teas, Herbal	Teas, Herbal
D001628	Beverages	Teas, Medicinal	Teas, Medicinal
D001678	Biogenesis	Origin of Life	Origin of Life
D019493	Cartoons	Graphic Novels	Graphic Novels
D040421	Cell Phones	Smart Phone	Smartphone
D040421	Cell Phones	Smart Phones	Smartphone

Descriptor terms moving from one Descriptor to Another (continued)			
Desc UI	Current Heading	Entry Terms Moving	New Heading Location
D040421	Cell Phones	Smartphone	Smartphone
D002523	Cereals	Triticale	Triticale
D002654	Child Care	Child Support	Child Custody
D002659	Child Development Disorders, Pervasive	Autism Spectrum Disorder	Autism Spectrum Disorder
D002659	Child Development Disorders, Pervasive	Autism Spectrum Disorders	Autism Spectrum Disorder
D002669	Child Welfare	Child Health	Child Health
D002669	Child Welfare	Child Protective Services	Child Protective Services
D031330	Coleus	Coleus forskohli	Plectranthus
D031330	Coleus	Coleus forskohlii	Plectranthus
D003085	Colic	Colicky Pain	Abdominal Pain
D003247	Conservation of Natural Resources	Natural Resources	Natural Resources
D003625	Data Collection	Contraceptive Prevalence Surveys	Contraceptive Prevalence Surveys
D003625	Data Collection	Data Linkage	Information Storage and Retrieval
D003625	Data Collection	Data Sources	Information Storage and Retrieval
D003625	Data Collection	Baseline Survey	Surveys and Questionnaires
D003625	Data Collection	Community Surveys	Surveys and Questionnaires
D003625	Data Collection	Methodology, Survey	Surveys and Questionnaires
D003625	Data Collection	Nonrespondents	Surveys and Questionnaires
D003625	Data Collection	Randomized Response Technique	Surveys and Questionnaires
D003625	Data Collection	Repeated Rounds of Survey	Surveys and Questionnaires
D003625	Data Collection	Respondents	Surveys and Questionnaires
D003625	Data Collection	Survey Methodology	Surveys and Questionnaires
D003625	Data Collection	Survey Methods	Surveys and Questionnaires
D003625	Data Collection	Surveys	Surveys and Questionnaires
D014676	Diet, Vegetarian	Diet, Vegan	Diet, Vegan
D014676	Diet, Vegetarian	Vegan Diet	Diet, Vegan
D004041	Dietary Fats	Ghee	Ghee
D004522	Educational Status	Illiteracy	Literacy
D004660	Encephalitis	Encephalitis, Infectious	Infectious Encephalitis
D004660	Encephalitis	Infectious Encephalitis	Infectious Encephalitis
D027842	Eugenia (<i>now Syzygium</i>)	Eugenia	Eugenia
D005544	Forecasting	Population Forecast	Population Forecast
D005544	Forecasting	Population Projection	Population Forecast
D005716	Game Theory	Prisoner Dilemma	Prisoner Dilemma
D005716	Game Theory	Prisoners Dilemma	Prisoner Dilemma
D005716	Game Theory	Prisoner's Dilemma	Prisoner Dilemma
D006300	Health Services Misuse	Health Services Overutilization	Medical Overuse
D006300	Health Services Misuse	Overutilization of Health Services	Medical Overuse
D018451	Homosexuality, Male	Gays	Homosexuality
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	ELAV-Like Protein 1	ELAV-Like Protein 1
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuR Antigen	ELAV-Like Protein 1

Descriptor terms moving from one Descriptor to Another (continued)			
Desc UI	Current Heading	Entry Terms Moving	New Heading Location
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuR Protein	ELAV-Like Protein 1
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	ELAV-Like Protein 2	ELAV-Like Protein 2
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuB Antigen	ELAV-Like Protein 2
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuB Paraneoplastic Encephalomyelitis Antigen	ELAV-Like Protein 2
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuB Protein	ELAV-Like Protein 2
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	ELAV-Like Protein 3	ELAV-Like Protein 3
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuC Antigen	ELAV-Like Protein 3
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuC Paraneoplastic Encephalomyelitis Antigen	ELAV-Like Protein 3
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuC Protein	ELAV-Like Protein 3
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	ELAV-Like Protein 4	ELAV-Like Protein 4
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuD Antigen	ELAV-Like Protein 4
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuD Paraneoplastic Encephalomyelitis Antigen	ELAV-Like Protein 4
D051959	Hu Paraneoplastic Encephalomyelitis Antigens	HuD Protein	ELAV-Like Protein 4
D007221	Industry	Industrialization	Industrial Development
D007229	Infant Welfare	Infant Health	Infant Health
D020407	Internet	Twitter Messaging	Social Media
D056885	Interstitial Cells of Cajal	Interstitial Cell of Cajal-Like Cells	Telocytes
D020670	Islands of Calleja	Basal Magnocellular Nucleus	Basal Nucleus of Meynert
D019686	Lamiaceae	Hyssop	Hyssopus Plant
D008429	Maternal Welfare	Maternal Health	Maternal Health
D008430	Maternal-Child Health Centers	Health Services, Maternal-Child	Maternal-Child Health Services
D008430	Maternal-Child Health Centers	Maternal-Child Health Services	Maternal-Child Health Services
D046210	Microfluidic Analytical Techniques	Microfluidic Devices	Lab-On-A-Chip Devices
D046210	Microfluidic Analytical Techniques	Microfluidic Lab-On-A-Chip	Lab-On-A-Chip Devices
D046210	Microfluidic Analytical Techniques	Microfluidic Microchips	Lab-On-A-Chip Devices
D063269	Mitochondrial Turnover	Mitochondrial Biogenesis	Organelle Biogenesis
D009524	Newspapers (<i>now Newspapers as Topic</i>)	Newspapers	Periodicals

Descriptor terms moving from one Descriptor to Another (continued)			
Desc UI	Current Heading	Entry Terms Moving	New Heading Location
D029601	Pedaliaceae	Proboscidea Plant	Lamiales
D002620	Pharmacological Phenomena (now Pharmacological and Toxicological Phenomena and Processes)	Pharmacologic Phenomena	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacologic Phenomena	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacologic Phenomenon	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacologic Phenomenon	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacological Concepts	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacological Concepts	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacological Phenomenon	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacological Phenomenon	Pharmacological Phenomena
D002620	Pharmacological Phenomena	Pharmacological Phenomena	Pharmacological Phenomena
D010943	Plantago	Plantaginaceae	Plantaginaceae
D019095	Point-of-Care Systems	Bedside Testing	Point-of-Care Testing
D011158	Population Growth	Population Growth Estimation	Population Forecast
D027861	Prunus	Apricot	Prunus armeniaca
D027861	Prunus	Apricot Tree	Prunus armeniaca
D027861	Prunus	Apricots	Prunus armeniaca
D027861	Prunus	Prunus armeniaca	Prunus armeniaca
D027861	Prunus	Black Cherry	Prunus avium
D027861	Prunus	Prunus serotina	Prunus avium
D027861	Prunus	Plum	Prunus domestica
D027861	Prunus	Plums	Prunus domestica
D027861	Prunus	Almond Tree	Prunus dulcis
D027861	Prunus	Almonds	Prunus dulcis
D027861	Prunus	Peach	Prunus persica
D027861	Prunus	Peach Tree	Prunus persica
D027861	Prunus	Peaches	Prunus persica
D027861	Prunus	Prunus persica	Prunus persica
D031988	Pygeum	African Prune	Prunus africana
D031988	Pygeum	Prune, African	Prunus africana
D031988	Pygeum	Prunus africana	Prunus africana
D031988	Pygeum	Pygeum africanum	Prunus africana
D012107	Research Design	Data Quality	Data Accuracy
D012404	Round Ligament (now Round Ligament of Uterus)	Round Ligament	Round Ligaments
D028083	Scrophulariaceae	Calceolaria	Calceolariaceae
D028083	Scrophulariaceae	Globularia	Plantaginaceae
D028083	Scrophulariaceae	Stemodia	Plantaginaceae
D012927	Social Control, Informal	Self Regulation	Self-Control
D012947	Social Work	Social Workers	Social Workers
D013016	Sound	Ultrasound Radiation	Ultrasonic Waves
D014837	Voluntary Health Agencies	Planned Parenthood Federation of America	International Planned Parenthood Federation
D014900	West Indies	Aruba	Netherlands

Fate of MeSH 2016 Deleted Headings			
<i>This table lists 2016 deleted headings along with the new location of the MH term. Year-end processing will replace the old heading on citations with the heading indicated in the YEP column.</i>			
Desc_UI	Deleted Heading	MH term now appears in:	YEP to:
D014712	Vertebrate Viruses	<i>Deleted from MeSH</i>	Viruses
D016033	Intervention Studies	<i>Deleted from MeSH</i>	Clinical Trial
D017055	Intensive Care	Critical Care	Critical Care
D019123	Health Food	<i>Deleted from MeSH</i>	Food, Organic
D026322	Black Pepper	Piper nigrum	Piper nigrum
D029067	Asclepiadaceae	Apocynaceae	Apocynaceae
D031065	Acanthopanax	Eleutherococcus	Eleutherococcus
D031988	Pygeum	<i>Deleted from MeSH</i>	Prunus africana
D055632	Pharmacological Processes	Pharmacological Phenomena	Pharmacological Phenomena

Descriptor Terms moved (demoted) to 2016 MeSH Supplemental Headings			
<i>These terms moved from a 2015 Descriptor to a 2016 SCR (New or Existing)</i>			
EntryTerm	Current Heading	New SCR	New SCR Heading
Carbowax 600	Polyethylene Glycols	C000595126	carbowax 600
Carbowax-400	Polyethylene Glycols	C000595127	carbowax-400
Lauromacrogols	Polyethylene Glycols	C000595128	lauromacrogols
Macrogol 300	Polyethylene Glycols	C000595211	polyethylene glycol 300
Miralax	Polyethylene Glycols	C000595212	polyethylene glycol 3350
PEG 1000	Polyethylene Glycols	C000595209	polyethylene glycol 1000
PEG 3350	Polyethylene Glycols	C000595212	polyethylene glycol 3350
Peg 400	Polyethylene Glycols	C000595213	polyethylene glycol 400
PEG 6000	Polyethylene Glycols	C000595215	Polyethylene Glycol 6000
PEG 8000	Polyethylene Glycols	C000595216	polyethylene glycol 8000
PEG-400	Polyethylene Glycols	C000595213	polyethylene glycol 400
PEO-400	Polyethylene Glycols	C000595213	polyethylene glycol 400
Polyethylene Glycol 1000	Polyethylene Glycols	C000595209	polyethylene glycol 1000
Polyethylene Glycol 2000	Polyethylene Glycols	C000595210	polyethylene glycol 2000
Polyethylene Glycol 300	Polyethylene Glycols	C000595211	polyethylene glycol 300
Polyethylene Glycol 3350	Polyethylene Glycols	C000595212	polyethylene glycol 3350
Polyethylene Glycol 400	Polyethylene Glycols	C000595213	polyethylene glycol 400
Polyethylene Glycol 4000	Polyethylene Glycols	C000595214	polyethylene glycol 4000
Polyethylene Glycol 6000	Polyethylene Glycols	C000595215	Polyethylene Glycol 6000
Polyethylene Glycol 8000	Polyethylene Glycols	C000595216	polyethylene glycol 8000
Polyox FRA	Polyethylene Glycols	C000595137	polyox FRA
Vigilon	Polyethylene Glycols	C000595125	vigilon

Promotion of Supplemental Concept Records (SCRs) to Descriptors in 2016 MeSH		
<i>This table shows the current SCR that have been deleted and maintained to 2016 Descriptor headings.</i>		
Current UI	2015 SCR Heading	2016 MeSH Heading
C089742	17-(3-pyridyl)-5,16-androstadien-3beta-acetate	Abiraterone Acetate
C468566	abatacept	Abatacept
C453439	adalimumab	Adalimumab
C063610	adapalene	Adapalene
C068348	advanced glycosylation end-product receptor	Advanced Glycosylation End Product-Specific Receptor
C551791	afluria	Influenza Vaccines
C466458	albumin-bound paclitaxel	Albumin-Bound Paclitaxel
C116388	albuterol-ipratropium	Albuterol, Ipratropium Drug Combination
C529716	amlodipine, valsartan drug combination	Amlodipine, Valsartan Drug Combination
C094645	aripiprazole	Aripiprazole
C567761	Asphyxiating Thoracic Dystrophy 3	Short Rib-Polydactyly Syndrome
C047634	aspirin, dipyridamole drug combination	Aspirin, Dipyridamole Drug Combination
C095277	ataxin-1	Ataxin-1
C108176	ataxin-7	Ataxin-7
C413408	atazanavir	Atazanavir Sulfate
C041930	atomoxetine	Atomoxetine Hydrochloride
C065179	atorvastatin	Atorvastatin Calcium
C001758	bendamustine	Bendamustine Hydrochloride
C469428	bevacizumab	Bevacizumab
C420823	bimatoprost	Bimatoprost
C400082	bortezomib	Bortezomib
C015620	brimonidine	Brimonidine Tartrate
C552334	canagliflozin	Canagliflozin
C538406	Canaliculitis	Canaliculitis
C110904	capecitabine	Capecitabine
C105934	celecoxib	Celecoxib
C468008	certolizumab pegol	Certolizumab Pegol
C411189	cetuximab	Cetuximab
C476217	cinacalcet	Cinacalcet Hydrochloride
C558922	cobicistat	Cobicistat
C107058	colesevelam	Colesevelam Hydrochloride
C561002	combigan	Brimonidine Tartrate, Timolol Maleate Drug Combination
C572260	Complera	Emtricitabine, Rilpivirine, Tenofovir Drug Combination
C580011	Congenital Fiber-Type Disproportion	Myopathies, Structural, Congenital
C554682	dabigatran	Dabigatran
C453962	dabigatran etexilate	Dabigatran
C417052	darbepoetin alfa	Darbepoetin alfa
C482292	darunavir	Darunavir
C488369	dasatinib	Dasatinib

Promotion of Supplemental Concept Records (SCRs) to Descriptors in 2016 MeSH (continued)		
Current UI	2015 SCR Heading	2016 MeSH Heading
C494392	denosumab	Denosumab
C056020	dimethyl fumarate	Dimethyl Fumarate
C553967	dulera	Mometasone Furoate, Formoterol Fumarate Drug Combination
C058218	duloxetine	Duloxetine Hydrochloride
C108373	dutasteride	Dutasteride
C517984	efavirenz, emtricitabine, tenofovir disoproxil fumarate drug combination	Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
C122114	emtricitabine	Emtricitabine
C554041	epoetin alfa	Epoetin Alfa
C400278	erlotinib	Erlotinib Hydrochloride
C566591	Erythrokeratoderma, Progressive Symmetric	Erythrokeratoderma Variabilis
C515051	eszopiclone	Eszopiclone
C107135	everolimus	Everolimus
C108606	ezetimibe	Ezetimibe
C492458	ezetimibe, simvastatin drug combination	Ezetimibe, Simvastatin Drug Combination
C084623	febuxostat	Febuxostat
C554038	Filgrastim	Filgrastim
C098720	fingolimod	Fingolimod Hydrochloride
C065382	fluticasone	Fluticasone
C012629	formoterol	Formoterol Fumarate
C106526	glargine	Insulin Glargine
C499894	GLP-2 receptor	Glucagon-Like Peptide-2 Receptor
C053432	glucagon-like peptide-1 receptor	Glucagon-Like Peptide-1 Receptor
C099433	heptavalent pneumococcal conjugate vaccine	Heptavalent Pneumococcal Conjugate Vaccine
C512720	human papillomavirus vaccine L1, type 6,11,16,18	Human Papillomavirus Recombinant Vaccine Quadrivalent, Types 6, 11, 16, 18
C097613	imatinib	Imatinib Mesylate
C108577	infliximab	Infliximab
C105111	insulin detemir	Insulin Detemir
C086937	interferon beta 1a	Interferon beta-1a
C044327	interferon beta-1b	Interferon beta-1b
C535533	Intrahepatic cholangiocarcinoma	Cholangiocarcinoma
C557865	isophane insulin, human	Isophane Insulin, Human
C533233	janumet	Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
C568794	Linagliptin	Linagliptin
C098010	linezolid	Linezolid
C027869	lingzhi	Reishi
C439759	liraglutide	Liraglutide
C514020	lisdexamfetamine dimesylate	Lisdexamfetamine Dimesylate
C063378	loteprednol etabonate	Loteprednol Etabonate
C506401	lubiprostone	Lubiprostone

Promotion of Supplemental Concept Records (SCRs) to Descriptors in 2016 MeSH (continued)		
Current UI	2015 SCR Heading	2016 MeSH Heading
C525644	lurasidone	Lurasidone Hydrochloride
C538676	Melanodermic leukodystrophy	Adrenoleukodystrophy
C538595	Mermaid syndrome	Ectromelia
C402833	metoprolol succinate	Metoprolol
C053915	mometasone furoate	Mometasone Furoate
C563544	Myopathy, Centronuclear, Autosomal Dominant	Myopathies, Structural, Congenital
C538647	Myotubular myopathy, X-linked	Myopathies, Structural, Congenital
C469407	natalizumab	Natalizumab
C052753	nebivolol	Nebivolol
C086816	O-desmethylenlafaxine	Desvenlafaxine Succinate
C042763	olive oil	Olive Oil
C097933	olmesartan medoxomil	Olmesartan Medoxomil
C074921	olopatadine	Olopatadine Hydrochloride
C426106	omalizumab	Omalizumab
C110857	orexins	Orexins
C079150	paliperidone	Paliperidone Palmitate
C548956	paliperidone palmitate	Paliperidone Palmitate
C111186	palivizumab	Palivizumab
C085586	pemetrexed	Pemetrexed
C531690	Potassium and magnesium depletion	Gitelman Syndrome
C408153	prasugrel	Prasugrel Hydrochloride
C080245	pregabalin	Pregabalin
C562559	Prognathism, Mandibular	Malocclusion, Angle Class III
C069541	quetiapine	Quetiapine Fumarate
C507898	raltegravir	Raltegravir Potassium
C497368	ranibizumab	Ranibizumab
C055512	ranolazine	Ranolazine
C497816	Rilpivirine	Rilpivirine
C073008	risedronic acid	Risedronate Sodium
C092560	rituximab	Rituximab
C503223	rivaroxaban	Rivaroxaban
C072506	rivastigmine	Rivastigmine
C422923	rosuvastatin	Rosuvastatin Calcium
C057823	salmeterol	Salmeterol Xinafoate
C000596089	Sanrosa	Brimonidine Tartrate
C102158	SCA2 protein	Ataxin-2
C095829	serine-arginine-rich splicing proteins	Serine-Arginine Splicing Factors
C405346	sevelamer	Sevelamer
C101426	sildenafil	Sildenafil Citrate
C532453	simeprevir	Simeprevir
C496398	sitagliptin	Sitagliptin Phosphate
C553296	sofosbuvir	Sofosbuvir
C441209	solifenacin	Solifenacin Succinate

Promotion of Supplemental Concept Records (SCRs) to Descriptors in 2016 MeSH (continued)		
Current UI	2015 SCR Heading	2016 MeSH Heading
C562447	Spondyloepiphyseal Dysplasia Tarda, X-Linked	Osteochondrodysplasias
C575085	stribild	Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
C510748	suboxone	Buprenorphine, Naloxone Drug Combination
C452428	ymbicort	Budesonide, Formoterol Fumarate Drug Combination
C429886	tadalafil	Tadalafil
C096918	tenofovir	Tenofovir
C418563	tenofovir disoproxil	Tenofovir
C079890	tiotropium	Tiotropium Bromide
C106167	TNFR-Fc fusion protein	Etanercept
C099041	tolterodine	Tolterodine Tartrate
C112748	trastuzumab	Trastuzumab
C438103	travoprost	Travoprost
C492870	Truvada	Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
C504320	ustekinumab	Ustekinumab
C081489	valsartan	Valsartan
C426063	varденаfil	Vardenafil Dihydrochloride
C500838	varenicline	Varenicline
C047426	venlafaxine	Venlafaxine Hydrochloride
C494040	vilazodone	Vilazodone Hydrochloride
C042555	whey protein	Whey Proteins

Qualifier Changes for 2016 MeSH	
This year MeSH deleted one Qualifier and removed several qualifier entry terms.	
Deleted Qualifiers	Terms Maintained
Diagnostic Use	none
Qualifiers with deleted terms	Deleted terms
abnormalities	teratology
analogs & derivatives	related compounds
diagnosis	differential diagnosis
ethnology	anthropology
immunology	serology
microbiology	mycology, bacteriology, rickettsia
parasitology	helminths
pharmacokinetics	absorption, kinetics, binding, biochemical transport