A08 Nervous System

Oligodendrocyte Precursor Cells

Suprachiasmatic Nucleus Neurons

A11 Cells

Intraepithelial Lymphocytes

Oligodendrocyte Precursor Cells

Suprachiasmatic Nucleus Neurons

THP-1 Cells

A12 Fluids and Secretions

Platelet-Rich Fibrin

A13 Animal Structures

Animal Fur

Animal Scales

A15 Hemic and Immune Systems

Intraepithelial Lymphocytes

Platelet-Rich Fibrin

A17 Integumentary System

Animal Fur

Animal Scales

B01 Eukaryota

Alethinophidia

Candida parapsilosis

Caryophyllales

Caryophyllanae

Celastrales

Chromadorea

Coral Snakes

Crotalinae

Culicomorpha

Dendroaspis

Dipsacales

Eutheria

Fagales

Feliformia

Hemachatus

Holometabola

Hydrophiidae

Laticauda

Laurales

Lepisma

Lilianae

Mice, Knockout, ApoE

Naja

Naja haje

Naja naja

Nematocera

Neoptera

Ophiophagus hannah

Palaeoptera

Pterygota

Rosanae

Sida Plant

B03 Bacteria

Aeromonadales

Burkholderiales

Campylobacteraceae

Campylobacterales

Carbapenem-Resistant Enterobacteriaceae

Clostridiaceae

Desulfovibrionaceae

Helicobacteraceae

Mycobacterium abscessus

Staphylococcus capitis

B04 Viruses

Alphacoronavirus

Alphacoronavirus 1

Betacoronavirus

Betacoronavirus 1

Gammacoronavirus

B05 Organism Forms

Microorganisms, Genetically-Modified

Periphyton

C01 Bacterial Infections and Mycoses

Communicable Diseases, Imported

Diverticular Diseases

Spotted Fever Group Rickettsiosis

C02 Virus Diseases

Varicella Zoster Virus Infection

C04 Neoplasms

Immunoglobulin Light-chain Amyloidosis

Oncogene Addiction

Smoldering Multiple Myeloma

Tubular Sweat Gland Adenomas

C06 Digestive System Diseases

Diverticular Diseases

Meconium Ileus

Median Arcuate Ligament Syndrome

C08 Respiratory Tract Diseases

Transfusion-Related Acute Lung Injury

C10 Nervous System Diseases

Alcoholic Korsakoff Syndrome

Cerebral Intraventricular Hemorrhage

Charles Bonnet Syndrome

Epileptic Syndromes

Trisomy 13 Syndrome

C12 Male Urogenital Diseases

Solitary Kidney

C13 Female Urogenital Diseases and Pregnancy Complications

Solitary Kidney

C14 Cardiovascular Diseases

Cardiac Conduction System Disease Cerebral Intraventricular Hemorrhage Essential Hypertension Interatrial Block Kounis Syndrome Median Arcuate Ligament Syndrome Trisomy 13 Syndrome Trisomy 18 Syndrome Vascular Ring

C15 Hemic and Lymphatic Diseases

Smoldering Multiple Myeloma

Transfusion-Related Acute Lung Injury

C16 Congenital, Hereditary, and Neonatal Diseases and Abnormalities

Median Arcuate Ligament Syndrome

Trisomy 13 Syndrome

Trisomy 18 Syndrome

Vascular Ring

C17 Skin and Connective Tissue Diseases

Undifferentiated Connective Tissue Diseases

C18 Nutritional and Metabolic Diseases

Immunoglobulin Light-chain Amyloidosis

C19 Endocrine System Diseases

Hypoadrenocorticism, Familial

C20 Immune System Diseases

Immunoglobulin Light-chain Amyloidosis Kounis Syndrome Nut and Peanut Hypersensitivity Smoldering Multiple Myeloma Transfusion-Related Acute Lung Injury Undifferentiated Connective Tissue Diseases

C23 Pathological Conditions, Signs and Symptoms

Alcoholic Korsakoff Syndrome Cerebral Intraventricular Hemorrhage Charles Bonnet Syndrome Clinical Deterioration Food Intolerance Frailty Injection Site Reaction Interatrial Block Microvascular Rarefaction Noncommunicable Diseases Oncogene Addiction Pain, Procedural Solitary Kidney Travel-Related Illness

C24 Occupational Diseases

Occupational Stress

C25 Chemically-Induced Disorders

Alcoholic Korsakoff Syndrome Heavy Metal Poisoning Injection Site Reaction Opium Dependence Substance Abuse, Oral

D01 Inorganic Chemicals

Greenhouse Gases

Transactinide Series Elements

D02 Organic Chemicals

Agent Orange

Metal-Organic Frameworks

Metallocenes

Strobilurins

Triose Sugar Alcohols

D03 Heterocyclic Compounds

Agent Orange

Neonicotinoids

D04 Polycyclic Compounds

2-Hydroxypropyl-beta-cyclodextrin

D05 Macromolecular Substances

COP9 Signalosome Complex MTOR Associated Protein, LST8 Homolog Mechanistic Target of Rapamycin Complex 1 Mechanistic Target of Rapamycin Complex 2 Metal-Organic Frameworks Myristoylated Alanine-Rich C Kinase Substrate Nedd4 Ubiquitin Protein Ligases Nicotine Chewing Gum Rapamycin-Insensitive Companion of mTOR Protein Regulatory-Associated Protein of mTOR

D08 Enzymes and Coenzymes

AAA Proteins

ATPases Associated with Diverse Cellular Activities Aldo-Keto Reductase Family 1 Member C2 Aldo-Keto Reductase Family 1 Member C3 Aldo-Keto Reductase Family 1 member B10 Aldo-Keto Reductases Baculoviral IAP Repeat-Containing 3 Protein **COP9** Signalosome Complex Carbonyl Reductase (NADPH) Copper-transporting ATPases DNA (Cytosine-5-)-Methyltransferase 1 DNA Polymerase gamma Deubiquitinating Enzyme CYLD Discs Large Homolog 1 Protein Disks Large Homolog 4 Protein **Dual Oxidases** F-Box-WD Repeat-Containing Protein 7 High-Temperature Requirement A Serine Peptidase 1 High-Temperature Requirement A Serine Peptidase 2 Histone Deacetylase 6 Hyaluronan Synthases Katanin Lysine Acetyltransferase 5 MRE11 Homologue Protein MTOR Associated Protein, LST8 Homolog Mechanistic Target of Rapamycin Complex 1 Mechanistic Target of Rapamycin Complex 2 Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Protein **MutS Proteins** NADPH Oxidase 1

NADPH Oxidase 2 NADPH Oxidase 4 NADPH Oxidase 5 Nedd4 Ubiquitin Protein Ligases P-type ATPases Positive Regulatory Domain I-Binding Factor 1 Protein Kinase C-theta Protein-Arginine Deiminases Rapamycin-Insensitive Companion of mTOR Protein Ras Homolog Enriched in Brain Protein Receptors, Enterotoxin Regulatory-Associated Protein of mTOR SAM Domain and HD Domain-Containing Protein 1 Short Chain Dehydrogenase-Reductases Spastin **Tripartite Motif-Containing Protein 28** Ubiquitin-Specific Peptidase 7 Valosin Containing Protein WNK Lysine-Deficient Protein Kinase 1 WW Domain-Containing Oxidoreductase X-linked Nuclear Protein Zinc Finger Nucleases c-Mer Tyrosine Kinase rab27 GTP-Binding Proteins rhoC GTP-Binding Protein **D09** Carbohydrates

2-Hydroxypropyl-beta-cyclodextrin Dietary Sugars Nicotine Chewing Gum Sugars Triose Sugar Alcohols

D10 Lipids

Apolipoprotein L1

Apolipoproteins L

Apolipoproteins M

Canola Oil

Coconut Oil

Palm Oil

Peanut Oil

Rice Bran Oil

D12 Amino Acids, Peptides, and Proteins

AAA Proteins ATP Binding Cassette Subfamily B Member 11 ATP Binding Cassette Transporter, Sub-Family A ATP Binding Cassette Transporter, Sub-Family A, Member 4 ATP Binding Cassette Transporter, Sub-Family D ATP Binding Cassette Transporter, Sub-Family D, Member 1 ATPases Associated with Diverse Cellular Activities Alemtuzumab Angiopoietin-like 4 Protein Angiopoietin-like Proteins Anoctamin-1 Anoctamins Anti-Citrullinated Protein Antibodies Apelin **Apelin Receptors** Apolipoprotein L1 Apolipoproteins L Apolipoproteins M B-Cell CLL-Lymphoma 10 Protein Baculoviral IAP Repeat-Containing 3 Protein Bestrophins Bone Marrow Stromal Antigen 2 C9orf72 Protein **CCCTC-Binding Factor** CD52 Antigen CX3C Chemokine Receptor 1 Cell Adhesion Molecule-1 Centromere Protein A Channelrhodopsins Chemokine CCL18

Chemokine CCL26 Chemokine CXCL16 Connexin 30 Copper-transporting ATPases Cytokine TWEAK DCC Receptor DNA (Cytosine-5-)-Methyltransferase 1 DNA Polymerase gamma Deleted in Azoospermia 1 Protein Deubiquitinating Enzyme CYLD Discs Large Homolog 1 Protein Disks Large Homolog 4 Protein **Dual Oxidases** Dysbindin Dysferlin Elongin Endothelial Protein C Receptor F-Box-WD Repeat-Containing Protein 7 Fanconi Anemia Complementation Group N Protein Fatty Acid Binding Protein 3 Forkhead Box Protein L2 Heat Shock Transcription Factors Heterogeneous Nuclear Ribonucleoprotein A1 High-Temperature Requirement A Serine Peptidase 2 Inhibitor of Growth Protein 1 Intercellular Adhesion Molecule-3 Ipilimumab **KRIT1** Protein Katanin Kruppel-Like Factor 6 Leukocyte Immunoglobulin-like Receptor B1

MDS1 and EVI1 Complex Locus Protein MRE11 Homologue Protein MTOR Associated Protein, LST8 Homolog Mechanistic Target of Rapamycin Complex 1 Mechanistic Target of Rapamycin Complex 2 MutS Homolog 3 Protein MutS Proteins Myeloid Ecotropic Viral Integration Site 1 Protein Myristoylated Alanine-Rich C Kinase Substrate NADPH Oxidase 1 NADPH Oxidase 2 NADPH Oxidase 4 NADPH Oxidase 5 **NEDD8** Protein Nectins Nedd4 Ubiquitin Protein Ligases Netrin Receptors Netrin-1 Netrins Oligodendrocyte Transcription Factor 2 Organic Cation Transporter 2 P-type ATPases Pancreatitis-Associated Proteins Peptide Transporter 1 Peroxins Peroxisomal Biogenesis Factor 2 Peroxisomal Targeting Signal 2 Receptor Peroxisomal Targeting Signals Peroxisome-Targeting Signal 1 Receptor Poly-ADP-Ribose Binding Proteins Positive Regulatory Domain I-Binding Factor 1

Pre-B-Cell Leukemia Transcription Factor 1 Promyelocytic Leukemia Zinc Finger Protein **RUNX1** Translocation Partner 1 Protein Rapamycin-Insensitive Companion of mTOR Protein Ras Homolog Enriched in Brain Protein Receptor, Notch4 Receptors for Activated C Kinase Receptors, CXCR6 Receptors, Enterotoxin Receptors, Histamine H4 Receptors, Kisspeptin-1 Regulatory-Associated Protein of mTOR S100 Calcium Binding Protein A6 S100 Calcium Binding Protein A7 SAP90-PSD95 Associated Proteins Serine Peptidase Inhibitor Kazal-Type 5 Serine Peptidase Inhibitors, Kazal Type Serum Albumin, Human Short Stature Homeobox Protein Sodium-Hydrogen Exchanger 1 Sodium-Hydrogen Exchanger 3 Solute Carrier Family 22 Member 5 Solute Carrier Organic Anion Transporter Family Member 1B3 Sp7 Transcription Factor Spastin T-Cell Acute Lymphocytic Leukemia Protein 1 T-Cell Intracellular Antigen-1 T-Lymphoma Invasion and Metastasis-inducing Protein 1 **TRPA1** Cation Channel **TRPC6** Cation Channel **TWEAK Receptor**

Thyroid Nuclear Factor 1 **Transcription Factor 4** Triggering Receptor Expressed on Myeloid Cells-1 **Tripartite Motif-Containing Protein 28** Valosin Containing Protein WNK Lysine-Deficient Protein Kinase 1 WW Domain-Containing Oxidoreductase X-ray Repair Cross Complementing Protein 1 Zinc Finger E-box Binding Homeobox 2 Zinc Finger Nucleases Zinc Finger Protein Gli2 Zinc Finger Protein Gli3 Zinc Transporter 8 c-Mer Tyrosine Kinase rab27 GTP-Binding Proteins rhoC GTP-Binding Protein

D13 Nucleic Acids, Nucleotides, and Nucleosides

Cell-Free Nucleic Acids

Circulating MicroRNA

Circulating Tumor DNA

D20 Complex Mixtures

Canola Oil

Palm Oil

Rice Bran Oil

Sunflower Oil

D23 Biological Factors

Angiopoietin-like 4 Protein Angiopoietin-like Proteins Apelin CD52 Antigen Cell Adhesion Molecule-1 Centromere Protein A Chemokine CCL18 Chemokine CCL26 Chemokine CXCL16 Cytokine TWEAK **Environmental Biomarkers** Intercellular Adhesion Molecule-3 Nectins Netrin-1 Netrins Pancreatitis-Associated Proteins WNK Lysine-Deficient Protein Kinase 1

D26 Pharmaceutical Preparations

Abuse-Deterrent Formulations

Aversive Agents

D27 Chemical Actions and Uses

Abuse-Deterrent Formulations Antineoplastic Agents, Immunological Aversive Agents Food Ingredients Greenhouse Gases Guanylyl Cyclase C Agonists Janus Kinase Inhibitors Serine Peptidase Inhibitors, Kazal Type Vasopeptidase Inhibitors

E01 Diagnosis

Hemodynamic Monitoring Liquid Biopsy Nonlinear Optical Microscopy Pre-Analytical Phase Resonance Frequency Analysis Second Harmonic Generation Microscopy Therapeutic Index Therapeutic Index, Drug

E02 Therapeutics

Abuse-Deterrent Formulations Body Contouring Contraceptive Effectiveness Contraindications Contraindications, Drug Contraindications, Procedure Diet, High-Protein Diet, High-Protein Low-Carbohydrate Dietary Approaches To Stop Hypertension Drug Misuse Early Goal-Directed Therapy Extracorporeal Shockwave Therapy Integrative Oncology Long-Acting Reversible Contraception Manual Lymphatic Drainage Mass Drug Administration **Obesity Management** Prolotherapy

E03 Anesthesia and Analgesia

Anesthesia, Cardiac Procedures

E04 Surgical Procedures, Operative

Amniotomy

Body Contouring

Bronchial Thermoplasty

Heller Myotomy

Keratectomy

Lateral Internal Sphincterotomy

Mastoidectomy

Meniscectomy

Myotomy

Nephrolithotomy, Percutaneous

Nephrotomy

Nephroureterectomy

Pyloromyotomy

Salpingo-oophorectomy

Sphincterotomy

Synovectomy

Transplantation, Haploidentical

Vulvectomy

E05 Investigative Techniques

Abuse-Deterrent Formulations Adaptive Clinical Trials as Topic Adverse Outcome Pathways Equivalence Trials as Topic Gene Drive Technology Immunoturbidimetry Ion Mobility Spectrometry Liquid Biopsy Models, Spatial Interaction Nonlinear Optical Microscopy Patient Generated Health Data Patient Health Questionnaire Preliminary Data Prescription Drug Monitoring Programs

- Scientific Experimental Error
- Second Harmonic Generation Microscopy
- Whole Exome Sequencing
- Whole Genome Sequencing

E07 Equipment and Supplies

Multifocal Intraocular Lenses

Wearable Electronic Devices

F01 Behavior and Behavior Mechanisms

Alcoholic Korsakoff Syndrome

Cell Phone Use

Charles Bonnet Syndrome

Cigar Smoking

Cigarette Smoking

Cocaine Smoking

Food Addiction

Health Risk Behaviors

Healthy Aging

Incivility

Marijuana Use

Multitasking Behavior

Narrative Medicine

Neuroticism

Occupational Stress

Pipe Smoking

Procrastination

Smoking Reduction

Smoking, Non-Tobacco Products

Survivorship

Tobacco Smoking

Treatment Adherence and Compliance

Water Pipe Smoking

F02 Psychological Phenomena

Occupational Stress Procrastination Rumination, Cognitive Self-Directed Learning as Topic Sleep Latency Symbolic Interactionism

F03 Mental Disorders

Alcoholic Korsakoff Syndrome Food Addiction Marijuana Use Night Eating Syndrome Opium Dependence Substance Abuse, Oral

F04 Behavioral Disciplines and Activities

Memory and Learning Tests Mental Status and Dementia Tests Patient Health Questionnaire

Psycho-Oncology

Wechsler Memory Scale

Wisconsin Card Sorting Test

G01 Physical Phenomena

Sublimation, Chemical

Wildfires

G02 Chemical Phenomena

- AAA Domain
- ADP-Ribosylation
- Citrullination
- DNA Demethylation
- Demethylation
- FERM Domains
- Kazal Motifs
- MYND Domains
- PHD Zinc Fingers
- **PR-SET** Domains
- Peroxisomal Targeting Signals
- Poly ADP Ribosylation
- Poly-ADP-Ribose Binding Motif
- Proteostasis
- Sublimation, Chemical
- Tetratricopeptide Repeat
- WW Domains

G03 Metabolism

- ADP-Ribosylation
- Citrullination
- DNA Demethylation
- Demethylation
- Nitrosative Stress
- Poly ADP Ribosylation
- Proteostasis

G05 Genetic Phenomena

ADP-Ribosylation

Biological Coevolution

Citrullination

Gain of Function Mutation

Loss of Function Mutation

Poly ADP Ribosylation

Quasispecies

G06 Microbiological Phenomena

Periphyton

Toxin-Antitoxin Systems

G07 Physiological Phenomena

Diapause

Diet, High-Protein

Diet, High-Protein Low-Carbohydrate

Dietary Approaches To Stop Hypertension

Dietary Sugars

Fermented Foods

Food Ingredients

Nicotine Chewing Gum

Nitrosative Stress

Organ Motion

Organism Hydration Status

G10 Digestive System and Oral Physiological Phenomena

Rumination, Digestive

G11 Musculoskeletal and Neural Physiological Phenomena

Organ Motion

Remyelination

Sleep Latency

G12 Immune System Phenomena

Immune Privilege

Immune Reconstitution

G16 Biological Phenomena

Biological Coevolution

Biological Variation, Individual

Biological Variation, Population

Environmental Biomarkers

Periphyton

Remyelination

H01 Natural Science Disciplines

Cryobiology

Human Genetics

Interdisciplinary Research

Materials Science

Proof of Concept Study

H02 Health Occupations

Addiction Medicine

Psycho-Oncology

Resonance Frequency Analysis

I01 Social Sciences

Body Packing

Fascism

Gender-Based Violence

Incivility

- Involuntary Fertility Control
- Involuntary Treatment
- Involuntary Treatment, Psychiatric
- Political Activism
- Popular Culture

Recidivism

Stakeholder Participation

I02 Education

Academic Performance Academic Success Interdisciplinary Placement Self-Directed Learning as Topic Smoking Prevention

I03 Human Activities

Shift Work Schedule Stakeholder Participation Travel-Related Illness Water Sports Work Engagement

J01 Technology, Industry, and Agriculture

Conservation of Water Resources

- Materials Science
- Nicotine Chewing Gum
- Smoking Devices
- Smoking Pipes
- Smoking Water Pipes
- Stereolithography
- Sustainable Growth
- Tobacco, Waterpipe

J02 Food and Beverages

- **Dietary Sugars**
- Fermented Foods
- Food Ingredients
- Nicotine Chewing Gum

J03 Non-Medical Public and Private Facilities

- Funeral Homes
- Refugee Camps

K01 Humanities

- Pictorial Works as Topic
- Science in Literature
- Science in the Arts
- Symbolic Interactionism

L01 Information Science

Consumer Health Informatics

- Data Warehousing
- Graphic Novels as Topic
- Health Information Interoperability
- Information Technology
- Scholarly Communication
- Semantic Web
- Stereolithography
- Virtual Reality

M01 Persons

Bedridden Persons

Cancer Survivors

Child, Adopted

Child, Foster

Smokers

N01 Population Characteristics

Academic Failure

One Health

Population Health

Sexual Health

N02 Health Care Facilities, Manpower, and Services

- Mental Health Recovery
- **Obesity Management**
- Prescription Drug Monitoring Programs
- Self-Management
- **Smoking Prevention**

Vaccination Coverage

N03 Health Care Economics and Organizations

Faith-Based Organizations

N04 Health Services Administration

Adverse Outcome Pathways Antimicrobial Stewardship Narrative Medicine **Obesity Management Risk Evaluation and Mitigation** Shift Work Schedule Therapeutic Index Therapeutic Index, Drug Work Engagement

N05 Health Care Quality, Access, and Evaluation

Adaptive Clinical Trials as Topic Antimicrobial Stewardship Equivalence Trials as Topic Multimorbidity Narrative Medicine Patient Health Questionnaire Preliminary Data Scientific Experimental Error Treatment Adherence and Compliance

N06 Environment and Public Health

Adaptive Clinical Trials as Topic

Adverse Outcome Pathways

Composting

Conservation of Water Resources

Dietary Exposure

- **Environmental Biomarkers**
- Equivalence Trials as Topic
- Mass Drug Administration
- Multimorbidity
- Non-Point Source Pollution
- Patient Health Questionnaire
- Periphyton
- Preliminary Data
- Risk Evaluation and Mitigation
- Wildfires

V01 Publication Components

Expression of Concern

V03 Study Characteristics

Adaptive Clinical Trial

Equivalence Trial

Z01 Geographic Locations

Aruba Caribbean Netherlands Curacao Egypt, Ancient Greece, Ancient Indochina Sao Tome and Principe Sint Maarten