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Libraries and Genomics: Providing support to healthcare providers and consumers

Karen E. Gutzman, Marcy L. Vana, and Kristi L. Holmes

Search Strategies

Literature search strategies were created using Medical Subject Headings and Emtree controlled vocabularies as guides to find top-level key words. All searches were run in the Scopus database on 1/31/2014.

Genetics

TITLE-ABS-KEY("genetics" OR "genetic" OR "gene" OR "genetic care" OR "genetic research" OR "gene ontology" OR "gene ontologies" OR "HapMap Project" OR "HapMap Projects" OR "Human Haplotype Map" OR "Human Haplotype Maps" OR "haplotypes" OR "Human Genome Project" OR "Human Genome Projects" OR "Human Genome Diversity Project" OR "medical genetics" OR "human genetics" OR "eugenesis" OR "eugenics" OR "positive eugenics" OR "clinical genetics" OR "genetic privacy" OR "genetic counseling" OR "genomics" OR "epigenomics" OR "epigenomic" OR "epigenetics" OR "epigenetic" OR "proteomics" OR "proteome" OR "DNA" OR "deoxyribonucleic acid" OR "d.n.a." OR "desoxy ribonucleic acid" OR "desoxyribonucleic acid" OR "dna polymer" OR "I deoxyribonucleic acid" OR "polydeoxyribonucleic acid" OR "DNA, Double-stranded" OR "DNA, double stranded" OR "ds-DNA" OR "ds DNA" OR "cDNA" OR "complementary DNA" OR "cDNA probes" OR "antisense dna" OR "c dna" OR "complementary deoxyribonucleic acid" OR "complementary desoxyribonucleic acid" OR "DNA Adducts" OR "DNA Transposable element" OR "DNA transposable elements" OR "transposable element" OR "Tn elements" OR "Tn element" OR "Insertion sequence elements" OR "insertion sequence element" OR "IS elements" OR "IS element" OR "DNA insertion elements" OR "DNA insertion element" OR "DNA transposon" OR "DNA transposons" OR "base sequence" OR "base sequences" OR "RNA sequence" OR "RNA sequences" OR "DNA sequence" OR "DNA sequences" OR "mutation" OR "mutations" OR "plasmids" OR "plasmid" OR "episomes" OR "episome" OR "genetic recombination" OR "genetic recombinations" OR "A-Form DNA" OR "A-DNA" OR "B-form DNA" OR "B-DNA" OR "C-form DNA" OR "Z-Form DNA" OR "Z-DNA" OR "left-handed DNA" OR "left handed DNA" OR "antisense DNA" OR "anti-sense DNA" OR "anti sense DNA" OR "antisense oligodeoxyribonucleotide*" OR "anti-sense oligodeoxyribonucleotide*" OR "anti sense oligodeoxyribonucleotide*" OR "antisense OligoDNA" OR "anti-sense OligoDNA" OR "anti sense OligoDNA" OR "bacterial DNA" OR "bacterium deoxyribonucleic acid" OR "bacterium dna" OR "catalytic DNA" OR "deoxyribozymes" OR "DNAzymes" OR "deoxyribozyme" OR "DNAzyme" OR "cell DNA" OR "cell deoxyribonucleic acid" OR "cellular DNA" OR "cell nucleus DNA" OR "cell nucleus deoxyribonucleic acid" OR "nuclear DNA" OR "nuclear deoxyribonucleic acid" OR "circular DNA" OR "circular DNAs" OR "circular deoxyribonucleic acid" OR "circular desoxyribonucleic acid" OR "cyclic deoxyribonucleic acid" OR "cyclic dna" OR "contiguous dna" OR "contig" OR "curved DNA" OR "bent dna" OR "curved deoxyribonucleic acid" OR "DNA bending" OR "dna curvature" OR "dna curving" OR "mitochondrial DNA" OR "mtDNA" OR "superhelical DNA" OR "DNA supertwisted" OR "supertwisted DNA" OR "supercoiled DNA" OR "cruciform DNAs" OR "cruciform DNA" OR "holliday junctions" OR "holliday junction" OR "DNA cruciform" OR "DNA cruciform" OR "cruciform deoxyribonucleic acid" OR "fungal DNA" OR "intergenic DNA" OR "intergenic DNAs" OR "spacer DNA" OR "spacer DNAs" OR "intergenic sequence" OR "intergenic sequences" OR "intercistronic sequence" OR "intercistronic sequences" OR "junk DNA" OR "junk DNAs" OR "intergenic region" OR "intergenic regions" OR "intercistronic region" OR "intercistronic regions" OR "neoplasm DNA" OR "protozoan DNA" OR "recombinant DNA" OR "recombination joint" OR "spliced genes" OR "ribosomal DNA" OR "rDNA" OR "satellite DNA" OR "satellite DNAs" OR "Satellite I DNA" OR "Satellite 1 DNAs" OR "viral DNA" OR "isochores" OR "isochore" OR "retroelements" OR "retroelement" OR "mobile dispersed genetic elements" OR "Ty1 transposon" OR "retrotransposons" OR "retrotransposon" OR "retrovirus-like elements" OR "retrovirus like elements" OR "retrovirus-like element" OR "retrovirus like element" OR "MDG1 retrotransposons" OR "MDG1 retrotransposon" OR "retroposons" OR "retroposon")

Chronic lower respiratory disease

AND TITLE-ABS-KEY("chronic lower respiratory disease" OR "lower respiratory disease" OR "lower respiratory diseases" OR "bronchitis" OR "bronchitides" OR "chronic bronchitis" OR "chronic bronchitides" OR "obstructive lung disease" OR "obstructive lung diseases" OR "pulmonary emphysema" OR "COPD" OR "Chronic Obstructive Pulmonary Disease" OR "COAD")

OR "Chronic Obstructive Airway Disease" OR "Chronic Obstructive Lung Disease" OR "Chronic Airflow Obstructions" OR "Chronic Airflow Obstruction" OR "emphysema" OR "pulmonary emphysema" OR "asthma" OR "asthmas" OR "bronchial asthma")

Heart Disease

AND TITLE-ABS-KEY("Heart disease" OR "cardiac disease" OR "cardiac diseases" OR "myocardial diseases" OR "myocardial disease" OR "cardiomyopathies" OR "cardiomyopathy" OR "myocardial diseases" OR "myocardial disease" OR "cardiac anomaly" OR "cardiac disturbance" OR "cardiopathy" OR "heart deficiency" OR "heart deformity" OR "heart diseases" OR "heart disorder" OR "heart dysfunction" OR "major adverse cardiac event")

Malignant neoplasms

AND TITLE-ABS-KEY("neoplasms" OR "tumors" OR "tumor" OR "malignant neoplasm" OR "malignant neoplasms" OR "malignant tumor" OR "malignant tumors")

Unintentional injuries

AND TITLE-ABS-KEY("Unintentional injuries" OR "unintentional injury" OR "accident causation" OR "accident casualty" OR "aircraft accident" OR "aviation accident" OR "biological accident" OR "chemical accident" OR "disaster" OR "electrical accident" OR "electrocution" OR "home accident" OR "domestic accident" OR "occupational accident" OR "radiation accident" OR "nuclear accident" OR "traffic accident" OR "drowning" OR "near drowning")

Cerebrovascular diseases

AND TITLE-ABS-KEY("Cerebrovascular Disorders" OR "Cerebrovascular Disorder" OR "Intracranial Vascular Disorders" OR "Intracranial Vascular Disorder" OR "Intracranial Vascular Disease" OR "Intracranial Vascular Diseases" OR "Brain Vascular Disorders" OR "Brain Vascular Disorder" OR "Cerebrovascular Occlusion" OR "Cerebrovascular Occlusions" OR "Cerebrovascular Insufficiency" OR "Cerebrovascular Insufficiencies" OR "stroke" OR "strokes" OR "CVA" OR "Apoplexy" OR "Cerebrovascular Accident" OR "Cerebrovascular Accidents" OR "Cerebrovascular Apoplexy" OR "Cerebrovascular Stroke" OR "Cerebrovascular Strokes" OR "Brain Vascular Accident" OR "Brain Vascular Accidents" OR "Cerebral Stroke" OR "Cerebral Strokes" OR "Acute Stroke" OR "Acute Strokes" OR "Acute Cerebrovascular Accident" OR "Acute Cerebrovascular Accidents")

Alzheimer's disease

AND TITLE-ABS-KEY("Alzheimer's disease" OR "Alzheimer Sclerosis" OR "Alzheimer Syndrome" OR "Alzheimer Type Senile Dementia" OR "Alzheimer-Type Dementia" OR "Alzheimer-Type Dementia (ATD)" OR "Alzheimer Type Dementia " OR "Alzheimer Type Dementia (ATD)" OR "Alzheimer Type Dementia" OR "Senile Dementia" OR "Primary Senile Degenerative Dementia" OR "Alzheimer Dementia (AD)" OR "Acute Confusional Senile Dementia" OR "Presenile Dementia" OR "Late Onset Alzheimer Disease" OR "Focal Onset Alzheimer's Disease" OR "Familial Alzheimer Disease" OR "Familial Alzheimer Disease (FAD)" OR "Presenile Alzheimer Dementia" OR "Early Onset Alzheimer Disease" OR "Alzheimer dementia" OR "alzheimer fibrillary change" OR "alzheimer fibrillary lesion" OR "alzheimer neurofibrillary change" OR "alzheimer neurofibrillary degeneration" OR "alzheimer neuron degeneration" OR "alzheimer perusini disease" OR "alzheimer sclerosis" OR "alzheimer syndrome" OR "Alzheimers disease" OR "diffuse cortical sclerosis" OR "diffuse cortical sclerosis" OR "late onset alzheimer disease")

Diabetes mellitus

AND TITLE-ABS-KEY("diabetes mellitus" OR "diabetes" OR "diabetes complications" OR "diabetic" OR "diabetes type 1" OR "diabetes type-1" OR "diabetes type 2" OR "diabetes type-2")

Nephritis and nephrosis

AND TITLE-ABS-KEY("nephritis" OR "nephritides" OR "epidemic nephritis" OR "hereditary hematuria" OR "hereditary nephritis" OR "kidney inflammation" OR "nephritic syndrome" OR "renal inflammation" OR "nephrosis" OR "nephrotic disease" OR "tubulonephrosis" OR "nephroses")

Influenza and pneumonia

AND TITLE-ABS-KEY("human influenza" OR "influenza" OR "Human Influenzas" OR "Influenzas" OR "Human Flu" OR "Influenza in Humans" OR "Influenza in Human" OR "Grippe" OR "bronchitis epidemica" OR "bronchitis epidemic" OR "epidemic bronchitis" OR "flu" OR "flue" OR "influenza infection" OR "influenza syndrome" OR "pneumonia" OR "Pneumonias" OR "Pneumonitis" OR "Pneumonitides" OR "Pulmonary Inflammation" OR "Pulmonary Inflammations" OR "Lung Inflammation" OR "Lung Inflammations" OR "Lobar Pneumonia" OR "Experimental Lung Inflammation" OR "Experimental Lung Inflammations" OR "acute diffuse pneumonia" OR "atrophic reticular pneumonia" OR "enzootic pneumonia" OR "healthcare associated pneumonia" OR "inflammatory lung disease" OR "lobitis" OR "lung inflammation" OR "nonspecific inflammatory lung disease" OR "peripneumonia" OR "pleurisy pneumonia" OR "pleuritic pneumonia" OR "pleuritis pneumonia" OR "pleuropneumonia" OR "pleuropneumonitis" OR "pneumonia pleuritica" OR "pneumonia superficialis" OR "pneumonic lung" OR "pneumonic pleurisy" OR "pneumonic pleuritis" OR "pneumonitis" OR "pulmonal inflammation" OR "pulmonary inflammation" OR "pulmonic inflammation" OR "stable pneumonia" OR "superficial pneumonia")

Suicide

AND TITLE-ABS-KEY("suicide" OR "suicides" OR "self killing" OR "self-killing" OR "suicidal poisoning") AND TITLE-ABS-KEY("human" OR "person" OR "people" OR "adult" OR "adults")

Septicemia

AND TITLE-ABS-KEY("septicemia" OR "sepsis" OR "Severe Sepsis" OR "Pyemia" OR "Pyemias" OR "Pyohemia" OR "Pyohemias" OR "Pyemia" OR "Pyemias" OR "Septicemia" OR "Septicemias" OR "Blood Poisoning" OR "Blood Poisonings" OR "septicaemia")

Chronic liver disease and cirrhosis

AND TITLE-ABS-KEY("chronic liver disease" OR "end stage liver disease" OR "Chronic Liver Failure" OR "Chronic Liver Failures" OR "chronic liver lesion" OR "cirrhosis" OR "liver cirrhosis" OR "Liver Cirrhoses" OR "Hepatic Cirrhosis" OR "Hepatic Cirrhoses" OR "Liver Fibroses" OR "Liver Fibrosis" OR "cirrhosis hepatis" OR "cryptogenic liver cirrhosis" OR "dietary cirrhosis" OR "dietary liver cirrhosis" OR "hepatic cirrhosis" OR "postnecrotic liver cirrhosis")