



ATC 2021 Program Submission Keyword List

Adenoviruses
Adhesion molecules
Adverse effects
African-American
Age factors
Alcohol
Alloantibodies
Alloantigens
Allocation
Allorecognition
Anastomatic healing
Anergy
Angiography
Antibodies
Anticoagulation
Antigenemia
Antigen presentation
Antilymphocyte antibodies
Apoptosis
Area-under-curve (AUC)
Arteriosclerosis
Arteritis
Artificial heart
Autoimmunity
Azathioprine
Bacterial infection
B cells
Bile duct
Biliary atresia
Bioartificial livers
Bioengineering
Bioequivalence
Biopsy
Blood transfusion
Bone
Bone marrow
Bone marrow transplantation
Brain death
Bronchial circulation
Cadaveric organs
Calcineurin
CD3
CD4
CD20
Co-stimulation
Cs/Co
Cytomeglovirus
Donation
Donors, marginal
Donors, non-heart-beating
Donors, unrelated
Donor specific transfusion
Dosage
Drug interaction
Dyslipidemia
Echocardiography
Economics
Edema
Effector mechanisms
Efficacy
Elderly patients
Employment
Endomyocardial biopsy
Endothelial activation
Endothelial cells
Endothelin
Engraftment
Enteral nutrition
Eosinophils
Epithelial cells
Epitopes
Epstein-Barr virus (EBV)
Ethics
FACS analysis
Fas (CD95)
Fas ligand
Fibrosis
FK506
Flowcytometry crossmatching
FTY720 immunosuppressant



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Fungal infection
Ganciclovir
Gene expression
Gene polymorphism
Gene therapy
Genomic markers
Genomics
Glomerular filtration rate (GFR)
Glomerulonephritis
Glucocorticoids
Glutathione
Graft acceptance
Graft arteriosclerosis
Graft failure
Graft function
Graft-infiltrating lymphocytes
Graft survival
Graft-versus-host-disease
Growth disorders
Growth factors
Half-life
HB vaccine
Heart
Heart/lung transplantation
Heart assist devices
Heart failure
Heart preservation
Heart transplant patients
Heat shock proteins
Hemeoxygenase
Hemodynamics
Hemolytic-uremic syndrome
Hepatic artery
Hepatitis
Hepatitis B
Hepatitis C
Hepatocellular carcinoma
Hepatocytes
Hepatopulmonary syndrome
Highly-sensitized
High-risk
Hispanic
Histocompatibility
Histocompatibility antigens
Histology
HIV virus
HLA antibodies
HLA antigens
HLA-DR allopeptides
HLA-DR antigens
HLA matching
HMG-CoA reductase inhibitor
Homocysteine
Host cells
Humanized antibodies
Hyperacute rejection
Hypercalcemia
Hypercholesterolemia
Hyperglycemia
Hyperlipidemia
Hyperparathyroidism
Hypersensitivity
Hypertension
Hypogammaglobulinemia
Hyporeactivity
Idiopathic pulmonary fibrosis
Idiotypic
IgG
Image analysis
Immune deviation
Immunoabsorption
Immunodominant peptide
Immunogenicity
Immunoglobulins (Ig)
Immunosuppression
IMPDH Inhibitor
Impotence
Indirect pathway
Induction therapy
Infant
Infection
Inflammation



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Informed consent
Insulin
Insulinemia
Integrins
Interferon (IFN)
Interleukin-2 receptor
Intestinal transplantation
Intimal
Intra-abdominal infection
Intracranial aneurysms
Ischemia
Islets
Isoantibodies
IVIg
Jak/STAT
Ketoconazole
Kidney
Kidney/liver transplantation
Kidney/pancreas transplantation
Kidney transplantation
Kinases
Knockout
Lamivudine
Laparoscopy
Laser Doppler flowmetry
Length of stay
Leukocytes
Leukoencephalopathy
LFA-1 antigen
Lipids
Lipolysis
Lipoproteins
Liver
Liver cirrhosis
Liver failure
Liver grafts
Liver metabolism
Liver preservation
Liver transplantation
Living-related liver donors
Lung
Lung infection
Lung preservation
Lung transplantation
Lymph node
Lymphocyte activation
Lymphocytes
Lymphoproliferative disease
Machine preservation
Magnetic resonance imaging
Major histocompatibility complex (MHC)
Malignancy
Malononitrilamides
Mechanical assistance
Medicare
Meningitis
Meta-analysis
Metabolic complications
Metabolic disease
Metalloproteinases
Methodology
MHC class I
MHC class II
Mice
Mice, knockout
Mice, lpr
Mice, NOD
Mice, SCID
Microchimerism
Microcirculation
Miniature pigs
Minor histocompatibility antigens
Mixed chimerism
Monitoring
Monoclonal antibodies
Mononuclear leukocytes
Morbidity
Mortality
Multicenter studies
Multivariate analysis
Multivisceral transplantation
Mycophenolate mofetil



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Na/H exchanger
NADPH oxidase
Natural antibodies
Natural killer cells
Necrosis
Negative selection
Neoral
Nephrectomy
Nephritis
Nephron mass
Nephropathy
Nephrotic syndrome
Nephrotoxicity
Nerve allografts
Neurogenic bladder
Neurotoxicity
Neutropenia
Neutrophils
Nitric oxide
NMR spectroscopy
Non-invasive diagnosis
Nuclear factor-kappa B (NF-kB)
Obesity
Obiliterative bronchiolitis
Osteoporosis
Outcome
Outpatients
Oxidant stress
Pain
Pancreas
Pancreas transplantation
Pancreatitis
Panel reactive antibodies
Patient education
Pediatric
Peptides
Perforin
Perfusion solutions
Peripheral vascular disease
P-glycoprotein
Pharmacoeconomics
Pharmacokinetics
Phosphodiesterase inhibitors
Pig
Plasmapheresis
Pneumonia
Polyclonal
Polycystic kidney disease
Polymerase chain reaction (PCR)
Polymorphism
Polyma virus
Portal veins
Post-operative complications
Post-transplant diabetes
Post-transplant erythrocytosis
Post-transplant hypertension
Post-transplant lymphoproliferative disorder (PTLD)
Post-transplant malignancy
Preclinical trails
Precursor frequency
Prediction models
Pregnancy
Preservation
Preservation solutions
Primary sclerosing cholangitis
Primates
Procurement
Prodrugs
Prognosis
Proliferation
Prophylaxis
Protective genes
Proteinuria
Protocol biopsy
Psychiatric comorbidity
Psychosocial
Public policy
Pulmonary hypertension
Pulsatile preservation
Pyrimidine biosynthesis
Quality of life



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Radiologic assessment
Rapamycin
Rat
Rats, BB
Reactive oxygen species
Recurrence
Reinfection
Rejection
Renal artery stenosis
Renal dysfunction
Renal failure
Renal function
Renal injury
Renal ischemia
Renal thrombosis
Resource utilization
Restenosis
Retransplantation
Reverse transcriptase PCR
Risk factors
Safety
Screening
Sensitization
Short gut syndrome
Simulect
Sirolimus (SLR)
Skin transplantation
Smooth muscle
Spina bifida
Split-liver transplantation
Spontaneous arrest
Stem cells
Surfactants
Surgical complications
Survival
Synergism
T cell activation
T cell clones
T cell graft infiltration
T cell reactivity
T cell receptors (TCR)
T cells
T helper cells
Thrombocytopenia
Thymic tolerance
Thymocytes
Thymus
Thymus transplantation
Tissue-specific
Tolerance
Toxicity
Trachea
Transcription factors
Transforming growth factor-beta (TGF- β)
Triglycerides
Tumor necrosis factor (TNF)
Tumor recurrence
Ultrasonography
Urinalysis
Vaccination
Valve replacement
Vascular disease
Ventricular assist devices
Viral therapy
Waiting lists
Warm ischemia
Weight
Xenoreactive antibodies