



ATC 2021 Program Submission Keyword List

Adenoviruses
Adhesion molecules
Adverse effects
African-American
Age factors
Alcohol
Alloantibodies
Alloantigens
Allocation
Allorecognition
Anastomotic 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
COVID-19
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
Idiotype
IgG
Image analysis
Immune deviation
Immunoadsorption
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
Mechnical 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- κ B)
Obesity
Obliterative 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
Pharmacoconomics
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 trials
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	T cells
Rapamycin	T helper cells
Rat	Thrombocytopenia
Rats, BB	Thymic tolerance
Reactive oxygen species	Thymocytes
Recurrence	Thymus
Reinfection	Thymus transplantation
Rejection	Tissue-specific
Renal artery stenosis	Tolerance
Renal dysfunction	Toxicity
Renal failure	Trachea
Renal function	Transcription factors
Renal injury	Transforming growth factor-beta (TGF- β)
Renal ischemia	Triglycerides
Renal thrombosis	Tumor necrosis factor (TNF)
Resource utilization	Tumor recurrence
Restenosis	Ultrasonography
Retransplantation	Urinalysis
Reverse transcriptase PCR	Vaccination
Risk factors	Valve replacement
Safety	Vascular disease
Screening	Ventricular assist devices
Sensitization	Viral therapy
Short gut syndrome	Waiting lists
Simlect	Warm ischemia
Sirolimus (SLR)	Weight
Skin transplantation	Xenoreactive antibodies
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)	