

ATC 2022 Keyword List

Adenoviruses	CD3
Adhesion molecules	CD4
Adverse effects	CD20
African-American	Co-stimulation
Age factors	COVID-19
Alcohol	Cytomeglovirus
Alloantibodies	Donation Donors, marginal
Alloantigens	Donors, non-heart-beating
Allocation	Donors, unrelated Donor
Allorecognition	specific transfusion
Anastomatic healing	Dosage
Anger	Drug interaction
Angiography	Dyslipidemia
Antibodies	Echocardiography
Anticoagulation	Economics
Antigenemia	Edema
Antigen presentation	Effector mechanisms
Antilymphocyte antibodies	Efficacy
Apoptosis	Elderly patients
Area-under-curve (AUC)	Employment
Arteriosclerosis	Endomyocardial biopsy
Arteritis	Endothelial activation
Artificial heart	Endothelial cells
Autoimmunity	Endothelin Engraftment
Azathioprine	Enteral nutrition
Bacterial infection	Eosinophils
B cells	Epithelial cells
Bile duct	Epitopes
Biliary atresia	Epstein-Barr virus (EBV)
Bioartificial livers	Ethics FACS analysis
Bioengineering	Fas (CD95)
Bioequivalence	Fas ligand
Biopsy	Fibrosis
Blood transfusion	FK506
Bone	Flowcytometry
Bone marrow	crossmatching
Bone marrow transplantation	FTY720 immunosuppressant
Brain death	
Bronchial circulation	
Cadaveric organs	
Calcineurin	

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

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

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



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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-b)
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