

Standard Therapies

Anemias

- Aplastic Anemia
- Congenital Dyserythropoietic Anemia
- Fanconi Anemia
- Paroxysmal Nocturnal Hemoglobinuria (PNH)
- Pure Red Cell Aplasia

Inherited Platelet Abnormalities

- Amegakaryocytosis / Congenital Thrombocytopenia
- Glanzmann Thrombasthenia

Myeloproliferative Disorders

- Acute Myelofibrosis
- Agnogenic Myeloid Metaplasia (Myelofibrosis)
- Polycythemia Vera
- Essential Thrombocythemia

Inherited Immune System Disorders - Severe Combined Immunodeficiency (SCID)

- SCID with Adenosine Deaminase Deficiency (ADA-SCID)
- SCID which is X-linked
- SCID with absence of T & B Cells
- SCID with absence of T Cells, Normal B Cells
- Omenn Syndrome

Inherited Immune System Disorders

- Kostmann Syndrome
- Myelokathexis
- Ataxia-Telangiectasia
- Bare Lymphocyte Syndrome
- Common Variable Immunodeficiency
- DiGeorge Syndrome
- Hemophagocytic Lymphohistiocytosis
- Leukocyte Adhesion Deficiency
- Lymphoproliferative Disorders (LPD)
- Lymphoproliferative Disorder, X-linked
- Wiskott-Aldrich Syndrome

Phagocyte Disorders

- Chediak-Higashi Syndrome
- Chronic Granulomatous Disease
- Neutrophil Actin Deficiency
- Reticular Dysgenesis

Bone marrow cancers (Plasma Cell Disorders)

- Multiple Myeloma
- Plasma Cell Leukemia
- Waldenstrom's Macroglobulinemia

Solid tumors not originating in the blood or immune system

- Neuroblastoma
- Retinoblastoma

Acute Leukemia

- Acute Lymphoblastic Leukemia (ALL)
- Acute Myelogenous Leukemia (AML)
- Acute Biphentotypic Leukemia
- Acute Undifferentiated Leukemia

Chronic Leukemia

- Chronic Myelogenous Leukemia (CML)
- Chronic Lymphocytic Leukemia (CLL)
- Juvenile Chronic Myelogenous Leukemia (JCML)
- Juvenile Myelomonocytic Leukemia (JMML)

Myelodysplastic Syndromes

- Refractory Anemia (RA)
- Refractory Anemia with Ringed Sideroblasts (RARS)
- Refractory Anemia with Excess Blasts (RAEB)
- Refractory Anemia with Excess Blasts in Transformation (RAEB-T)
- Chronic Myelomonocytic Leukemia (CMML)

Lymphomas

- Hodgkin's Lymphoma
- Non-Hodgkin's Lymphoma (Burkitt's Lymphoma)

Inherited Red Cell Abnormalities

- Beta Thalassemia Major
- Blackfan-Diamond Anemia
- Pure Red Cell Aplasia
- Sickle Cell Disease

Transplants for Inherited Disorders effecting the Immune System & Other Organs

- Cartilage-Hair Hypoplasia
- Gunther's Disease (Erythropoietic Porphyria)
- Hermansky-Pudlak Syndrome
- Pearson's Syndrome
- Shwachman-Diamond Syndrome
- Systemic Mastocytosis

Transplants for Inherited Metabolic Disorders Mucopolysaccharidoses (MPS) Storage Diseases

- Mucopolysaccharidoses (MPS)
- Hurler's Syndrome (MPS-IH)
- Scheie Syndrome (MPS-IS)
- Hunter's Syndrome (MPS-II)
- Sanfilippo Syndrome (MPS-III)
- Morquio Syndrome (MPS-IV)
- Maroteaux-Lamy Syndrome (MPS-VI)
- Sly Syndrome, Beta-Glucuronidase Deficiency (MPS-VII)
- Mucopolipidosis II (I-cell Disease)

Leukodystrophy Disorders

- Adrenoleukodystrophy (ALD)/Adrenomyeloneuropathy (AMN)
- Krabbe Disease (Globoid Cell Leukodystrophy)
- Metachromatic Leukodystrophy
- Pelizaeus-Merzbacher Disease

Lysosomal Storage Diseases

- Niemann-Pick Disease
- Sandhoff Disease
- Wolman Disease

Other Disorders

- Lesch-Nyhan Syndrome
- Osteopetrosis

Therapies in Clinical Trials

Auto-Immune

- Graft-versus-Host Disease (GvHD)
- Diabetes, Type 1
- Crohn's Disease
- Rheumatoid Arthritis
- Lupus
- Multiple Sclerosis

Cardiovascular

- Cardiac repair & recovery
- Congenital heart defects
- Critical Limb Ischemia
- Buerger's Disease
- Ischemic Stroke

Neurologic

- Cerebral Palsy
- Hypoxic Ischemic Encephalopathy (HIE)
- Autism
- Traumatic Brain Injury
- Spinal Cord Injury (SCI)
- Hearing Loss (acquired sensorineural)
- Amyotrophic Lateral Sclerosis (ALS)
- Scleroderma
- Alzheimer's Disease
- Misc. "Degenerative Conditions"

Orthopedic

- Cleft Palate Repair (alveolar)
- Cartilage Repair

Stem Cells & Gene Therapy for Inherited Disorders

- Canavan Disease
- Cerebral Adrenoleukodystrophy
- Cystic Fibrosis
- Duchenne Muscular Dystrophy
- Becker Muscular Dystrophy

Stem Cell Transplantation for Additional Inherited Disorders

- Epidermolysis Bullosa
- Lysosomal Storage Diseases

Clinical Trials with stem cells from Cord Tissue

Auto-Immune

- Graft-versus-Host Disease (GvHD)
- Type 1 Diabetes
- Multiple Sclerosis

Cardiovascular

- Critical Limb Ischemia
- Stroke

Neurologic

- Hereditary Ataxia

Misc. Regenerative Medicine

- Liver cirrhosis
- Burns

Experimental Treatments

Gene Therapy & Stem Cells

- Spinal Muscular Atrophy
- Critical Limb Ischemia

Neurologic Disorders

- Alzheimer's Disease
- Parkinson's Disease

Regenerative Medicine

- Heart (Growth of cardiac muscle cells)
- Liver (cell growth, cirrhosis)