HSC lineage commitment

Committed stem cells

Mature blood cells

Treatments/Applications

Pre-HSC

HSC

MPP

CMP

GMP

MEP

Erythrocytes

Megakaryocyte

Platelets

Megakaryocyte

Monocyte

Macrophage

Neutrophils

Eosinophils

Basophils

B cell progenitor

B cells

T /NK cell progenitor

T cells

Natural killer cells

Anemia, thalassaemia

Trombocytopenia

Understanding mechanism of atheroslerotic lesions

Leukocyte deficiencies

Immuno-deficient diseases

Immuno-deficient diseases

Immuno-deficient diseases

Immuno-deficient diseases