

LIST OF ABBREVIATIONS

aAPCs	=	Artificial antigen-presenting cells
ACT	=	Adoptive cell transfer
ADCC	=	Antibody-dependent cell-mediated cytotoxicity
ALL	=	Acute lymphocytic leukemia
AML	=	Acute myeloid leukemia
ATMPs	=	Advanced therapy medicinal products
AZA	=	Azelaic acid
CAR	=	Chimeric antigen receptor
cATMPs	=	combined ATMPs
CB	=	Cord blood
CB-MNCs	=	Cord blood derived mononuclear cells
CBNK cells	=	Cord blood-derived NK cells
CFSE	=	Carboxyfluorescein succinimidyl ester
CGT	=	Cell and Gene Therapy
CLL	=	Chronic lymphocytic leukemia
CLP cells	=	Common lymphoid progenitor cells.
CPAs	=	Cryoprotectant agents
CRF	=	Controlled Rate Freezer
D	=	Dimension
DAMPs	=	Danger-Associated Molecular Patterns
DMSO	=	Dimethyl sulfoxide
DNAM-1	=	DNAX Accessory Molecule-1
EBV-LCL	=	Epstein-Barr Virus transformed lymphoblastoid cell lines
EMA	=	European medicines agency
ESCs	=	Embryonic stem cells
EU	=	European Union
FasL	=	Fas ligand

LIST OF ABBREVIATIONS (Continued)

FDA	=	Food and drug administration
FLT-3L	=	Fms-related tyrosine kinase 3 ligand
G-CSF	=	Granulocyte colony-stimulating factor
GM-CSF	=	Granulocyte macrophage colony-stimulating factor
GMP	=	Good Manufacturing Practice
GSIs	=	Gamma secretase inhibitors
GTMP	=	Gene therapy medicinal products
GvHD	=	Graft versus host disease
GZMB	=	Granzyme B
HBV	=	Hepatitis B virus
HCC	=	Hepatocellular carcinoma
HCV	=	Hepatitis C virus
HIV	=	Human immunodeficiency virus
HLA	=	Human leukocyte antigen
HSCs	=	Hematopoietic stem cells
HSCT	=	Hematopoietic stem cell transplantation
IFN- γ		Interferon-gamma
IL	=	Interleukin
IL2R β	=	interleukin-2 receptor subunit beta
KIR	=	Killer immunoglobulin-like receptors
LIF	=	Leukemia inhibitory factor
LPS	=	Lipopolysaccharide
mAb	=	Monoclonal antibody
mb	=	Membrane bound
MCL	=	Mantle cell lymphoma
MDS	=	Myelodysplastic syndromes
MIP-1 α	=	Macrophage inflammatory protein-1 alpha
MM	=	Multiple myeloma
ND	=	Not determined

LIST OF ABBREVIATIONS (Continued)

NHL	=	Non-hodgkin's lymphoma
NK cells	=	Natural killer cells
NKG2A	=	NK group 2 member A
NKG2D	=	Natural killer group 2 member D
PBS	=	Phosphate buffered saline
PB-MNCs	=	Peripheral blood derived mononuclear cells
PBNK cells	=	Peripheral blood derived NK cells
PRF1	=	Perforin 1
RCC	=	Renal cell carcinoma
SCF	=	Stem cell factor
SCTMP	=	Somatic cell therapy medicinal products
T cells	=	T lymphocytes
TEP	=	Tissue-engineered products
TLR4	=	Toll-like receptor 4
TPO	=	Thrombopoietin
TNF- α	=	Tumor necrosis factor-alpha
TRAIL		Tumor Necrosis Factor-related apoptosis-inducing ligand
TRIF	=	TIR domain-containing adaptor inducing IFN- β
T-SNE plot	=	T-distributed neighbor embedding plot
UCB34	=	NK cells expanded from CD34 ⁺ cells
UCB56	=	NK cells expanded from CD56 ⁺ cells
US	=	United States
NK cells	=	Natural killer cells