Third party, umbilical cord blood derived regulatory T-cells for prevention of graft versus host disease in allogeneic hematopoietic stem cell transplantation: feasibility, safety and immune reconstitution

SUPPLEMENTARY MATERIALS

Supplementary Figure 1: Patient cell analysis. (A) Patient white blood cell (black bar) and lymphocyte (gray bar) count. (B) T cell analysis. (a) Naïve T cell, RA+RO-CD62L+CCR7-. (b) T effector memory cell, RA-RO+CD62L-CCR7-. (c) T central memory cell, RA-RO+CD62L+CCR7+. (d) T stem memory cell, RA+RO+CD62L+CCR7+. (B) T cell analysis. (a) B cells, CD19+. (b) Naïve B cell, CD19+IgM+CD27-. (c) Memory B cell, CD19+IgM-CD27+. (d) Plasmablasts, CD19+CD24-CD38+. (e) Transitional B cells, CD19+CD24hiCD38hi. (D) Dendritic cell analysis. (a) plasmacytoid dendritic cells, CD123+. (b) myeloid dendritic cells, CD11c+. (E) NK cell analysis. NKT, CD3+CD56+CD16+.
Supplementary Figure 2: Plasma analysis. Chemokines. (A) MCP1. (B) MCP-2. (C) TARC. (D) MIP3a. (E) TECK. (F) CTACK. (G) CCL28. (H) MIG. (I) IP-10. (J) I-TAC. (K) MMP-3. Growth Factors. (L) SCF. (M) G-CSF. (N) GM-CSF. (O) HGF. (P) VEGF. (Q) SDF1a.
Supplementary Figure 3: Plasma analysis. Cytokines. (A) IFN-α. (B) IFN-β. (C) IL-7. (D) IL-12. (E) IL-13. (F) TNF-a. (G) TNF-b. (H) Granzyme B. Soluble Factors and Receptors. (I) EPO-R. (J) Elastase. (K) LAP. (L) E-selectin. (M) soluble I-CAM. (N) soluble V-CAM. (O) Gro-1a.