

Supplementary Material

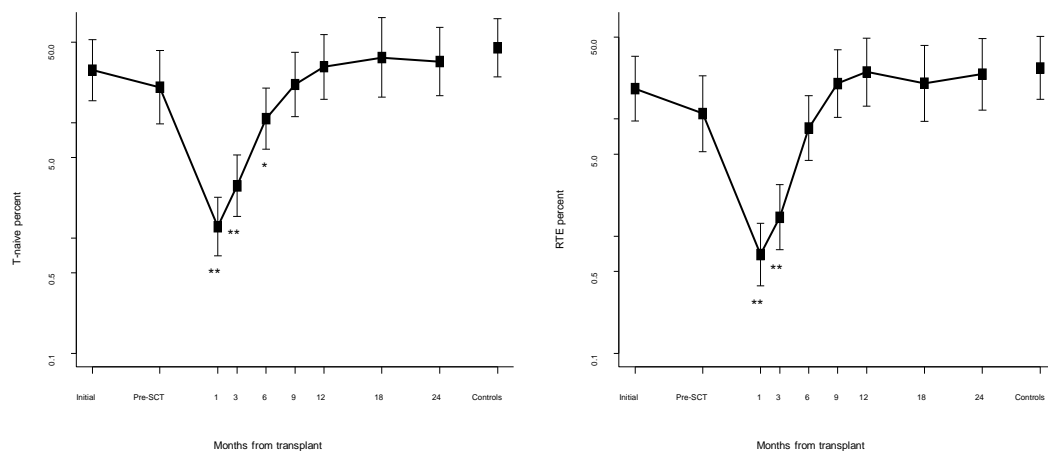
Table e-1. Lymphocyte subset results.

| Lymphocyte subset | Control | Baseline | Pre-ASCT | 1 month | 3 months | 6 months | 9 months | 12 months | 18 months | 24 months |
|-------------------|---------|----------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Total lymphocytes | 2.00 | 2.08 | 1.07 | 1.56 | 1.41 | 1.49 | 1.80 | 1.67 | 1.48 | 1.64 |
| B-cells | 261.5 | 299.0 | 91.2 | 7.8 | 249.8 | 381.7 | 447.9 | 496.1 | 503.2 | 504.1 |
| NK cells | 228.5 | 273.7 | 127.6 | 196.7 | 190.4 | 188.7 | 264.5 | 182.9 | 207.4 | 213.1 |
| CD8 T-cells | 523.5 | 502.8 | 390.7 | 1050.6 | 708.9 | 638.1 | 764.2 | 540.5 | 345.1 | 408.9 |
| CD4 T-cells | 904.7 | 940.8 | 424.0 | 254.8 | 220.0 | 240.2 | 379.5 | 401.4 | 396.2 | 445.6 |
| Th1 cells | 128.8 | 113.1 | 73.8 | 132.8 | 139.1 | 117.9 | 112.2 | 100.0 | 66.2 | 80.1 |
| Th2 cells | 22.3 | 30.3 | 23.9 | 32.9 | 18.9 | 16.3 | 17.6 | 14.7 | 12.4 | 14.3 |
| Th17 cells | 11.9 | 12.4 | 9.0 | 5.4 | 4.8 | 7.0 | 5.3 | 11.5 | 27.3 | 29.4 |
| T-regs | 40.3 | 44.6 | 29.4 | 15.2 | 12.4 | 12.5 | 20.4 | 17.9 | 22.1 | 16.3 |
| T-naive | 425.4 | 420.5 | 122.1 | 5.5 | 8.7 | 34.7 | 99.4 | 147.5 | 167.2 | 163.2 |

| | | | | | | | | | | |
|-----|-------|-------|-------------|------------|------------|-------------|------|-------|-------|-------|
| RTE | 276.4 | 283.4 | 86.1 | 2.6 | 4.2 | 26.5 | 88.6 | 129.5 | 118.8 | 132.7 |
|-----|-------|-------|-------------|------------|------------|-------------|------|-------|-------|-------|

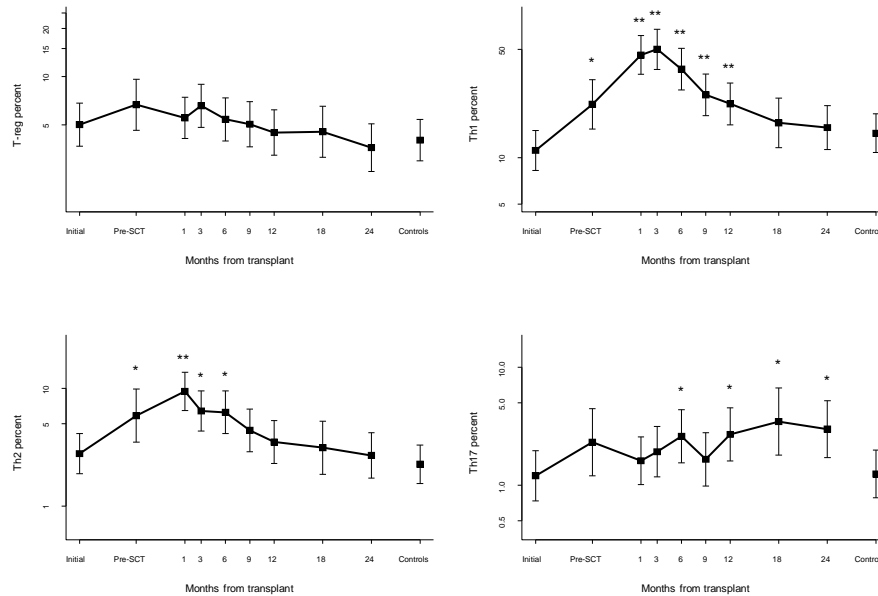
Total lymphocyte results are reported as $\times 10^9/L$. All other lymphocyte subsets are reported as $\times 10^6/L$. Mean values are presented. Figures in bold are significantly different from baseline values ($p < 0.05$). Pre-ASCT is after stem cell mobilisation and before ASCT. RTE (recent thymic emigrants).

Supplementary Figures



Supplementary Figure 1. T-naïve cells and recent thymic emigrants as a percentage of total CD4 cells.

Mean percentages \pm 2SE (log scale) are shown. * $p < 0.05$ vs Initial, ** $p < 0.0005$ vs Initial. Pre-SCT is after stem cell mobilisation and before ASCT.



Supplementary Figure 2. T-reg, Th1, Th2 and Th17 as a percentage of total CD4 cells.

Mean percentages \pm 2SE (log scale) are shown. * $p < 0.05$ vs Initial, ** $p < 0.0005$ vs Initial. Pre-SCT is after stem cell mobilisation and before ASCT.