Interleukin-10 spot-forming cells as a novel biomarker of chronic graft-*versus*-host disease

Masahiro Hirayama,[1] Eiichi Azuma,[2] Atsuko Nakagawa-Nakazawa,[3] Tadashi Kumamoto,[1] Shotaro Iwamoto,[1] Keishiro Amano,[1] Shigehisa Tamaki,[4] Eiji Usui,[4] and Yoshihiro Komada[1]

[1]Department of Pediatrics and [2]Department of Cell Transplantation, Mie University Graduate School of Medicine, Edobashi, Tsu, Mie, Japan; [3]Department of Pathology, National Center for Child Health and Development, Okura, Setagaya, Tokyo, Japan, and [4]Department of Internal Medicine, Ise Red Cross Hospital, Hunae, Ise, Mie, Japan

Online Supplementary Table S1. Percentage and absolute counts in white blood cell subsets.

| | No cGVHD | cGVHD | | P |
| | | Active | Inactive | |
	Sample n=40	Sample n=31	Sample n=24	
White blood cells (WBC), /mm³	5985±1928	6028±2120	6367±2408	0.48
Lymphocytes in WBC, %	40.0±11.2	35.2±14.9	36.8±15.7	0.12
Absolute count of lymphocytes, /mm³	2503±1145	2078±991	2197±963	0.10
CD4 T cells in lymphocytes, %	26.6±9.8	23.2±7.2	25.8±7.2	0.11
CD8 T cells in lymphocytes, %	29.7±11.3	33.2±9.7	28.2±11.5	0.09
B cells in lymphocytes, %	26.1±14.0	23.5±10.5	26.4±17.0	0.39
NK cells in lymphocytes, %	16.7±9.2	17.5±13.9	13.2±8.4	0.13
CD4+CD25high in CD4 T cells, %	4.9±2.2	5.9±6.5	5.7±5.3	0.36
Absolute count of CD4+CD25high, /mm³	26.1±18.3	22.2±18.4	26.9±15.7	0.32
Monocytes in WBC, %	7.0±2.3	6.5±3.0	7.0±3.5	0.37
Absolute count of monocytes, /mm³	408±162	411±222	449±233	0.41

Online Supplementary Table S2. Cytokine SFC in acute GVHD and chronic GVHD.

Cytokine SFC	Acute GVHD*	Chronic GVHD
Interferon-γ	Elevated	Not elevated
Interleukin-4	Elevated	Not elevated
Interleukin-10	Variable	Elevated

* Our previous data.[26]