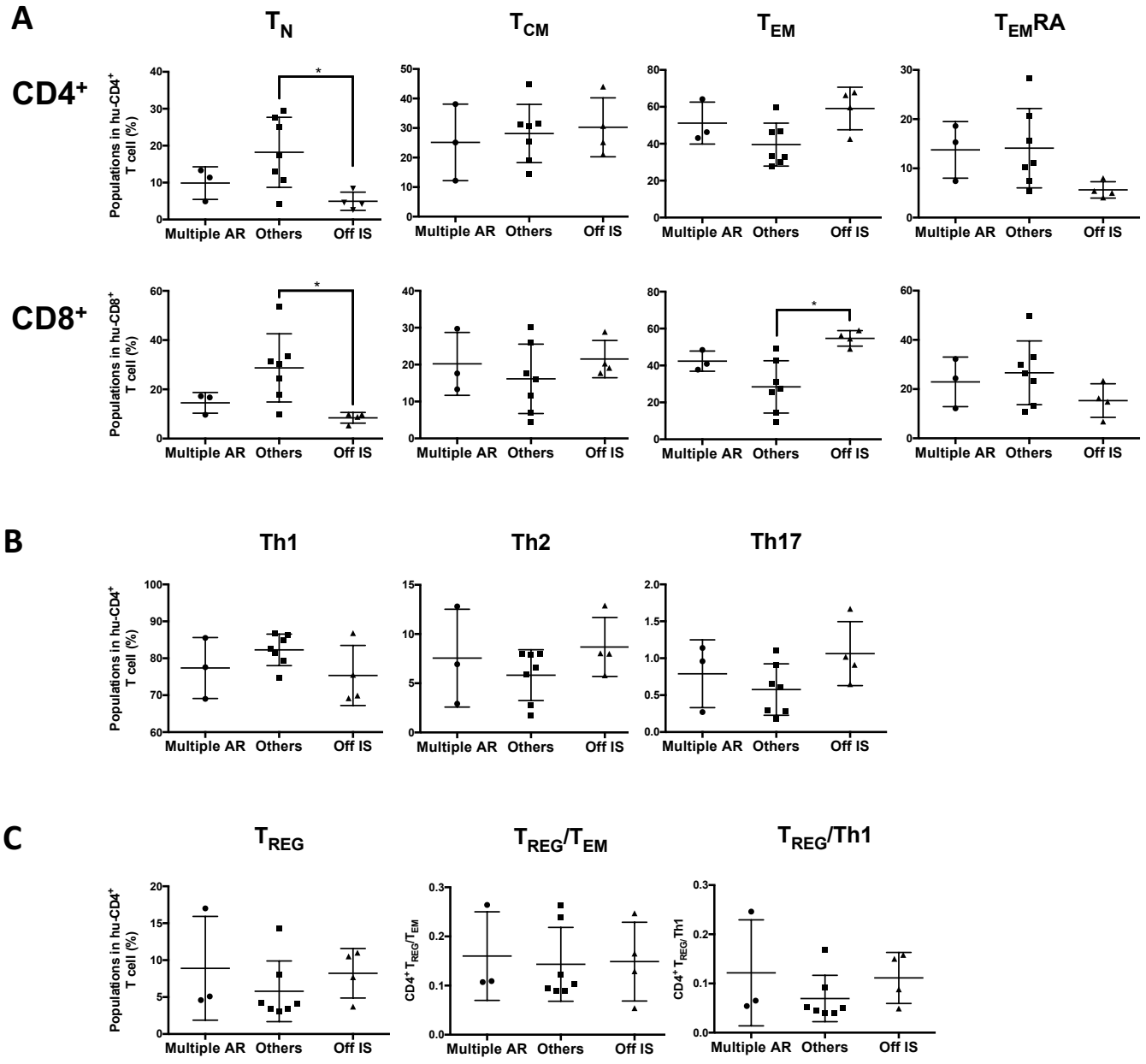
HOKKAIDO UNIVERSITY

Title	Novel immunological approach to asses donor reactivity of transplant recipients using a humanized mouse model
Author(s)	Fukasaku, Yasutomo; Goto, Ryoichi; Ganchiku, Yoshikazu et al.
Citation	Human immunology, 81(7), 342-353 https://doi.org/10.1016/j.humimm.2020.04.007
Issue Date	2020-07
Doc URL	https://hdl.handle.net/2115/82147
Rights	© 2020. This manuscript version is made available under the CC-BY-NC-ND 4.0 license http://creativecommons.org/licenses/by-nc-nd/4.0/
Rights(URL)	https://creativecommons.org/licenses/by-nc-nd/4.0/
Type	journal article
File Information	Supplemental Figure 2 (Human Immunology).pdf

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP

Supplemental Figure 2:



Supplemental Fig. 2: The lymphocyte subsets of CD3+ T cell among the on IS patients with or without multiple AR episodes and off IS group in hu-PBMC-NSG mice.

The hu-lymphocyte subsets of spleen in hu-PBMC-NSG mice are shown among the recipients maintained on IS with multiple AR episodes (Multiple AR, n=3), without multiple AR episodes (Others, n=7), and recipients in off IS group (Off IS, n=4) (A-C). The percentages of T_N, T_{CM}, T_{EM} and T_{EM}RA of hu-CD4+ (upper row) or CD8+ T cells (lower row) are shown (A). There were significant differences in T_N and CD8+ T_{EM} lymphocyte subsets between 'Others' and 'Off IS', but no significant difference was observed between 'multiple AR' and the other two groups. *P<0.05. The percentages of hu-CD4+ Th1, Th2, and Th17 cells were shown (B). The percentages of hu-CD4+ T_{REG} cells were shown on the left in figure C. The ratio of T_{REG}/T_{EM} and T_{REG}/Th1 are shown in the center and right figure in C. There was no significant difference between 'multiple AR' and the other two groups.