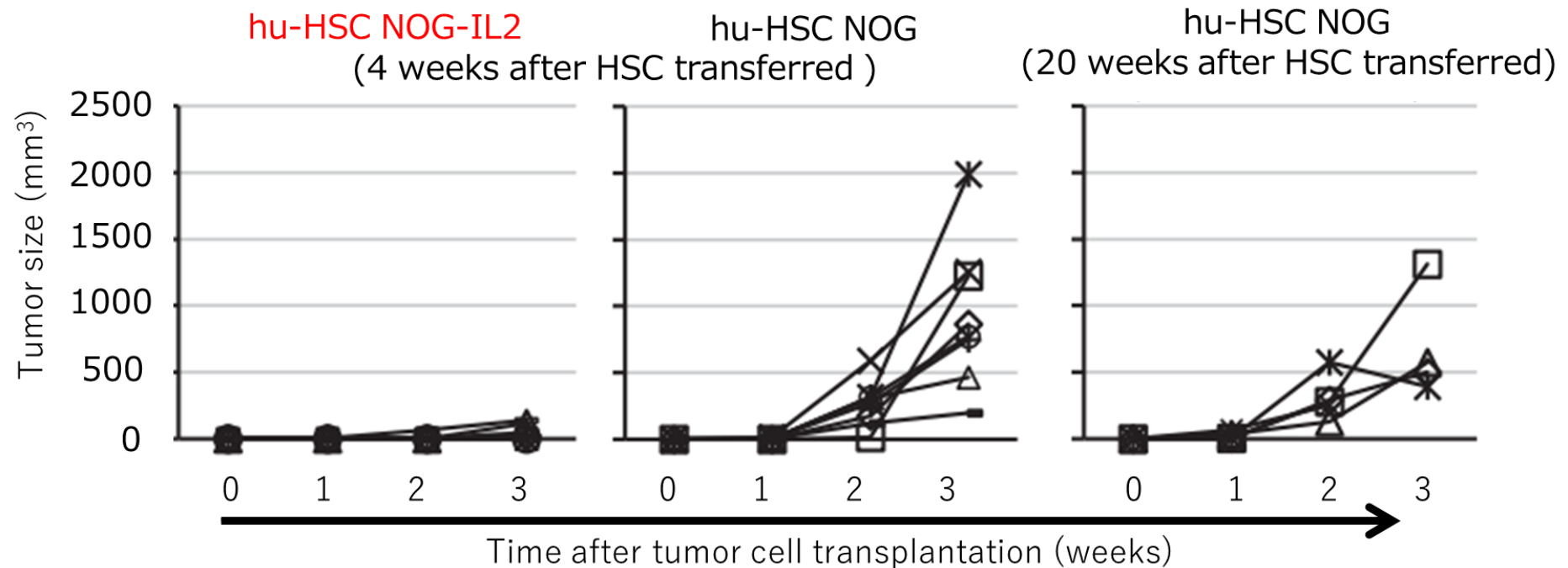


hHSC engrafted NOG-IL2 mouse: *in vivo* tumor growth inhibition test with human NK cells (K562)



- Human HSC engrafted NOG-IL2 mouse: *in vivo* tumor growth inhibition test with human NK cells (K562)
- Humanized NOG-IL2 mouse engrafted with human hematopoietic stem cells (human NK cells are differentiated), K562 cancer cell lines were inhibited in proliferation (left panel), but NOG mouse engrafted with human hematopoietic stem cells was not suppress the proliferation of the K562 cancer cell line (middle panel).
- Tumor transplanted after mature T cells in NOG mouse peripheral blood had sufficiently differentiated (20 weeks after HSC transfer) did not suppress proliferation (right panel, even if human HSCs were engrafted to NOG mouse, NK cells do not differentiate).