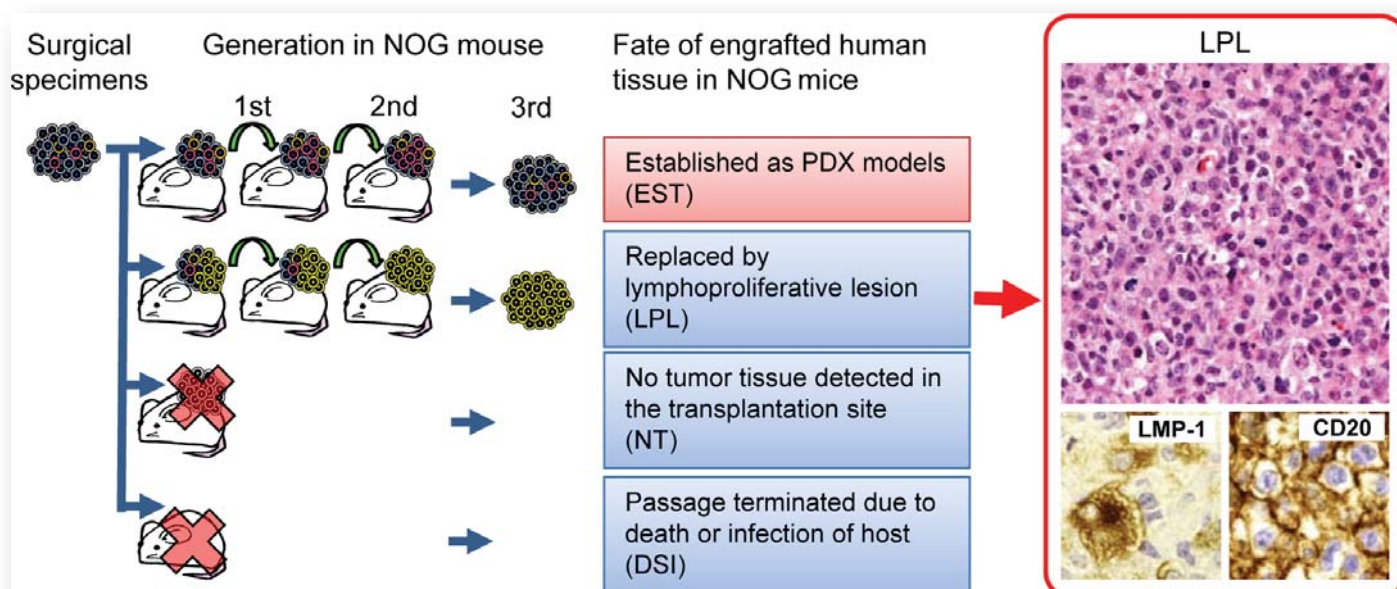




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Description

The *Journal of Toxicologic Pathology* is an official periodical journal of the Japanese Society of Toxicologic Pathology. The journal accepts original papers, short communications, case reports and review articles. One volume published each year is composed of four numbers. Members of the Society are entitled to receive all publications in exchange for his or her membership fee. All articles published in the *Journal of Toxicologic Pathology* represent the opinion(s) of the author(s) and should not be construed to reflect the opinion of the Society.

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Cover: Fate of engrafted human tissues in NOD.Cg-Prkdc^{scid} Il2rg^{tm1Sug}/Jic mice (NOG mice). Analysis of the outcome of engrafted human tumor tissues. The tissues were passaged through 3 generations for establishment. In some cases, the palpable mass formed after engraftment consisted of a lymphoproliferative lesion (LPL) that was thought to replace the original tumor cells. In other cases, establishment was unsuccessful because no palpable mass was formed after engraftment or due to an unscheduled death of the mouse. In cases of LPL, Epstein-Barr virus (EBV)-infected B cells proliferated, resulting in the replacement of engrafted tissues with proliferating lymphocytes. The proliferating cells were characterized by examining B cell marker (CD20) and EBV-related antigen (LMP-1). (See E Fujii, *et al.* p 153–160)