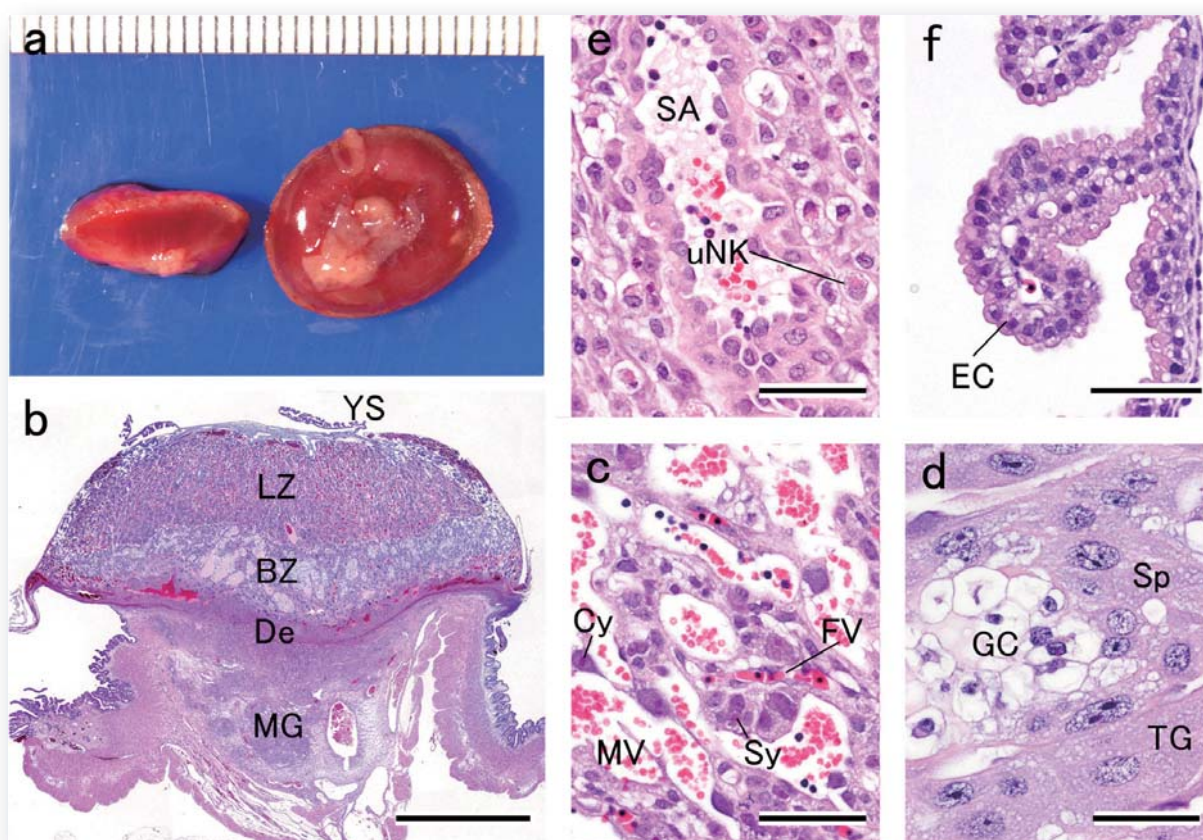




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Description

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: Rat placenta on gestation day 15. Gross appearance (a). Histological section in low magnification (b), Bar=2 mm. The placenta is composed of the labyrinth zone (c), basal zone (d), decidua, metrial glands (e) and yolk sac (f). HE stain, Bar=60 µm. BZ, junctional zone; Cy, cytotrophoblast; De, decidua; EC, epithelial cell; FV, fetal vessel; GC, glycogen cell; LZ, labyrinth zone; MG, metrial glands; MV, maternal vessel; SA, spiral artery; Sp, spongiotrophoblast; Sy, syncytiotrophoblast; TG, trophoblastic giant cells; uNK, uterine natural killer; YS, yolk sac. (See S Furukawa, *et al.* p. 11–18)