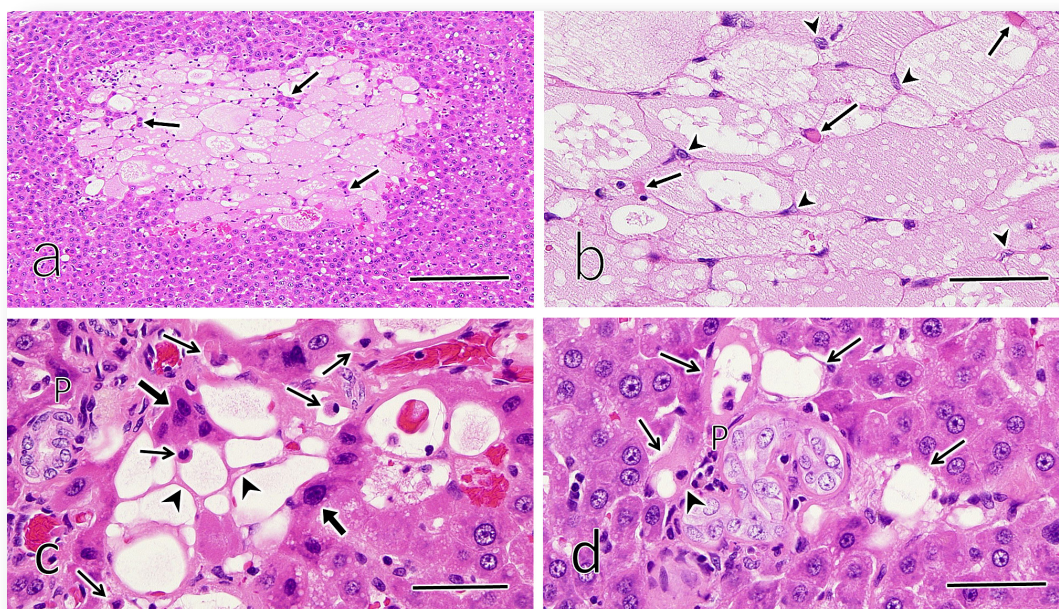




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Description

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: (a) A typical histology of large cystic degeneration (CD) area in rat liver. CD area was composed of many pseudocysts and some hepatocytes (arrows) were present within CD area. (b) High magnification of (a). The pseudocysts without lining cells show various sizes and morphologies and contained fine granular to flocculent eosinophilic material. The septa of CD area were very thin and condensed erythrocytes (arrows) were noted. Two types of constituent cells could be recognized as hyperchromatic cells and hypochromatic cells (arrowheads) based on the amount of chromatin. (c) Apoptotic cells were observed within small CD area (thin arrows). CD area was surrounded by hyper eosinophilic hepatocytes with condensed nuclei (thick arrows) and slit formation (arrowheads) was observed in the septa. (d) Small cystic spaces (arrows) were detected around the portal tract in non-CD area. Some of those spaces contained apoptotic hepatocyte (arrowhead), a few inflammatory cells and eosinophilic materials. P: portal tract, Bar=(a) 200 μ m, (b-d) 50 μ m. HE stain. (See A. Shiga, p 27-36)