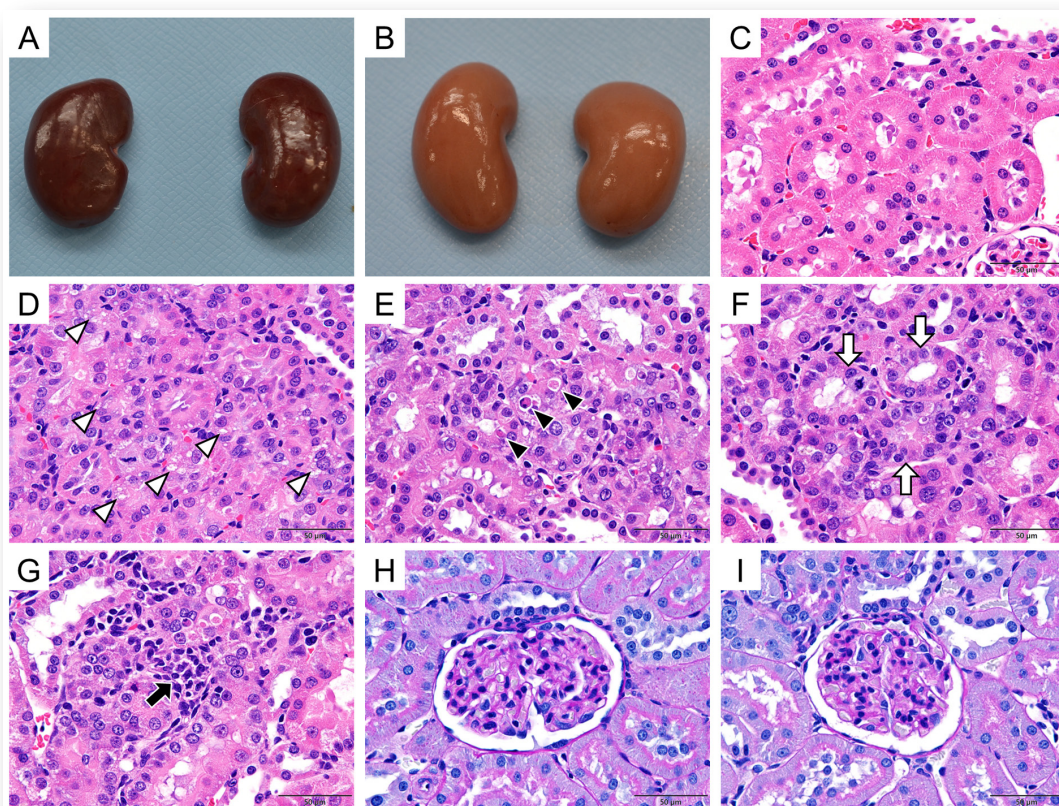




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Description

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: Representative macroscopic and histopathological findings in the kidneys of rats treated with puberulic acid (PA). (A) Normal kidneys from the control group at necropsy. (B) Kidneys from the PA-treated group showing overall discoloration (pale) at necropsy. (C) Histology of a normal kidney from the control group. (D–G) Vacuolation (D), necrosis (E), regeneration (F) of proximal tubules, and mononuclear cell infiltration in the interstitium (G) observed in kidneys of rats in the PA-treated group. (H and I) Normal glomerulus from the control group (H) and PA-treated group (I). C–G: Hematoxylin and eosin staining. H and I: Periodic acid–Schiff reaction. White arrowheads: vacuolated epithelial cells of the proximal tubules. Black arrowheads: necrotic epithelial cells of the proximal tubules. White arrows: regenerated proximal tubules. Black arrow: mononuclear cells infiltrated in the interstitium. (See K. Matsushita, p 223–236)