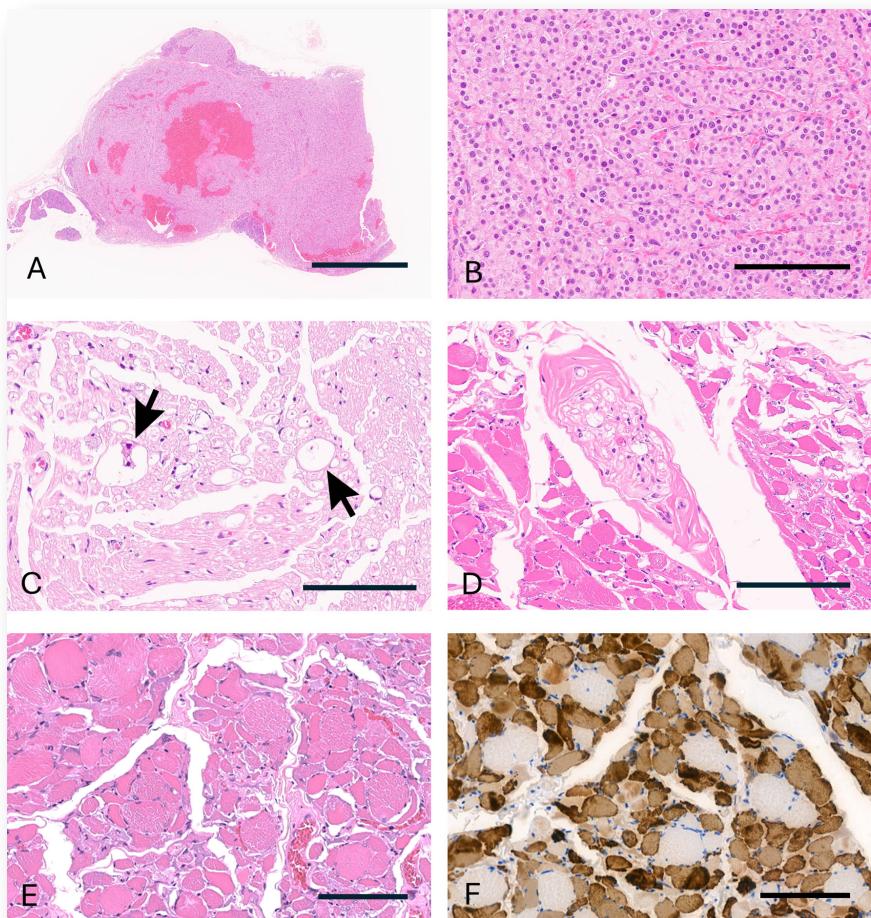




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Description

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 authors(s) and should not be construed to reflect the opinion of the Society.

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Cover: Islet cell tumor (ICT) of the pancreas and associated histopathological changes in aged F344 rats. (A) ICT of the pancreas. Expansive neoplastic mass. Hematoxylin and eosin (H&E) stain. Scale bar=1,200 µm. (B) ICT of the pancreas. Well-differentiated tumor cells arranged in nests, sheets, and cords, separated by fibrovascular stroma. Scale bar=120 µm. (C) Sciatic nerve. Axonal degeneration within the nerve fascicle, with axonal debris and/or macrophages present within vacuoles (arrow). H&E stain. Scale bar=120 µm. (D) Femoral muscle. Degeneration of peripheral nerve fibers within the interstitium of a femoral muscle fascicle. Scale bar=120 µm. (E) Femoral muscle. Muscular atrophy characterized by grouped angular atrophic and hypertrophic myofibers. Scale bar=120 µm. (F) Femoral muscle. Atrophic myofibers selectively positive for MY-32 (Anti-Myosin skeletal fast) by immunohistochemistry. Scale bar=120 µm. (See M. Uchida, p 15–23)