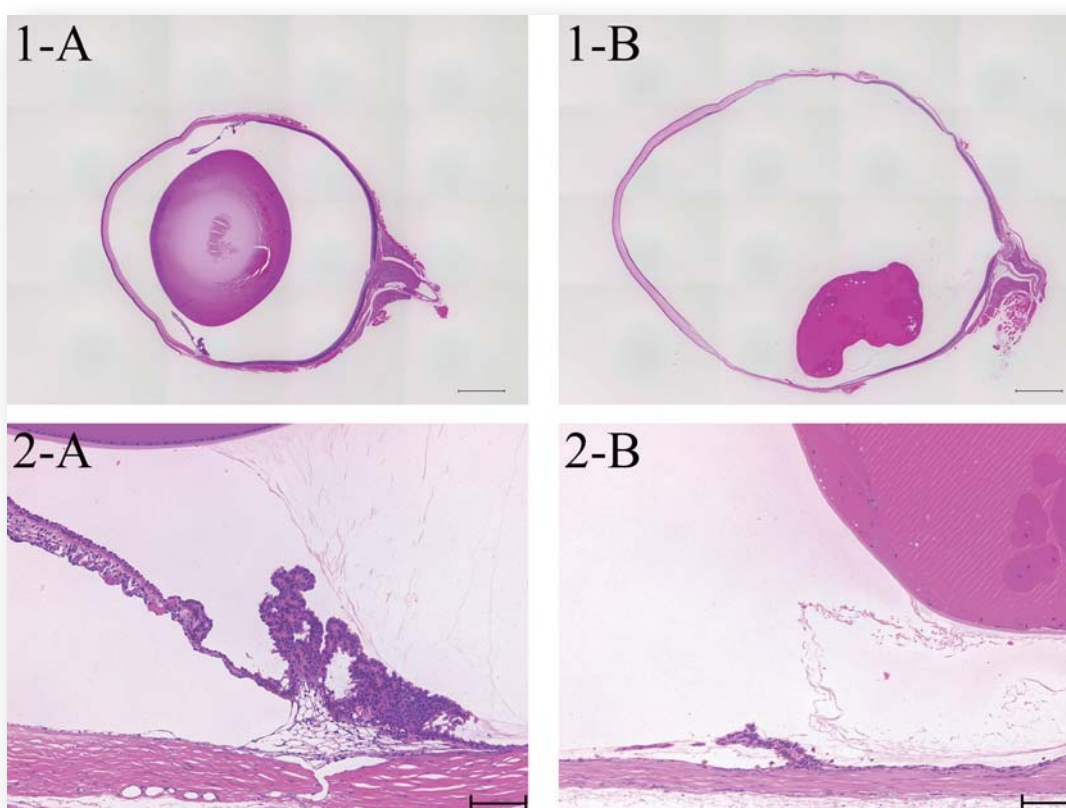




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Description

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: Upper: A male MG-W gerbil, 23 weeks of age (HE, bar=1,000 μ m). 1-A: Normal. 1-B: The contour is elongated expanding the intraocular space. The lens is distorted and latero-posteriorly dislocated.

Lower: Middle-power view of Upper photography (HE, bar=100 μ m). 2-A: Normal. 2-B: The filtration angle, iris, and ciliary body are hypoplastic, and canal of Schlemm is aplastic. All these structures in the anterior segment of the eye are of neural crest origin, suggesting that this anterior segment dysmorphogenesis is associated with inadequate neural crest migration or differentiation. The incomplete development of the filtration angle and canal of Schlemm could result in insufficient aqueous drainage and subsequent increased intraocular pressure. HE, hematoxylin and eosin. (See Y. Fukunaga, *et al.* p 245–249)