



Fig. 3. Representative histopathological findings lesions in the kidneys of F344 rats fed diet containing of madder color for 53 weeks. (A) Vacuolar degeneration of cortical proximal tubular epithelia in a male rat treated with 5% of madder color. Bar = 50 μ m. (B) Anisokaryosis of the proximal tubular cells of outer medulla in a male rat treated with 5% of madder color. Note appearance of a gigantic cell in the tubule. Bar = 50 μ m. (C) An atypical tubular focus observed in outer medulla in a male rat treated with 5% of madder color. Bar = 50 μ m.