**Abbreviations**

BC Bowman’s capsule; C vascular congestion; CPT camptothecin; CV central vein; DBC destruction of Bowman’s capsule; DC degenerative changes; DMSO dimethyl sulfoxide; DPC dasapatrachurnam; ELISA enzyme linked immunosorbent assay; FBS fetal bovine serum; FTIR Fourier transform infrared spectroscopy; GC germinal centers; GL granular layer; HEK human embryonic kidney; MDC mild degenerative changes; ML molecular layer; MS marginal sinus; MTT 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide; MZ marginal zone; NC necrotic cells; PBS phosphate buffered saline; PT proximal tubule; RC regenerative changes; RT renal tubule; SR sinus region; SS sinusoid space; V vacuolization; WHO World Health Organization