



**Figure S1.** Morphology of splenocytes from different groups of mice after  $\gamma$ -ray irradiation (40 $\times$ ). (A) Group I: normal group; (B) Group II: model group; (C) Group III: positive control (berberine hydrochloride); (D) Group IV: Radiation + 5'-AMP (0.08 g/kg bw/day); (E) Group V: Radiation + 5'-AMP (0.16 g/kg bw/day); (F) Group VI: Radiation + 5'-AMP (0.64 g/kg bw/day).