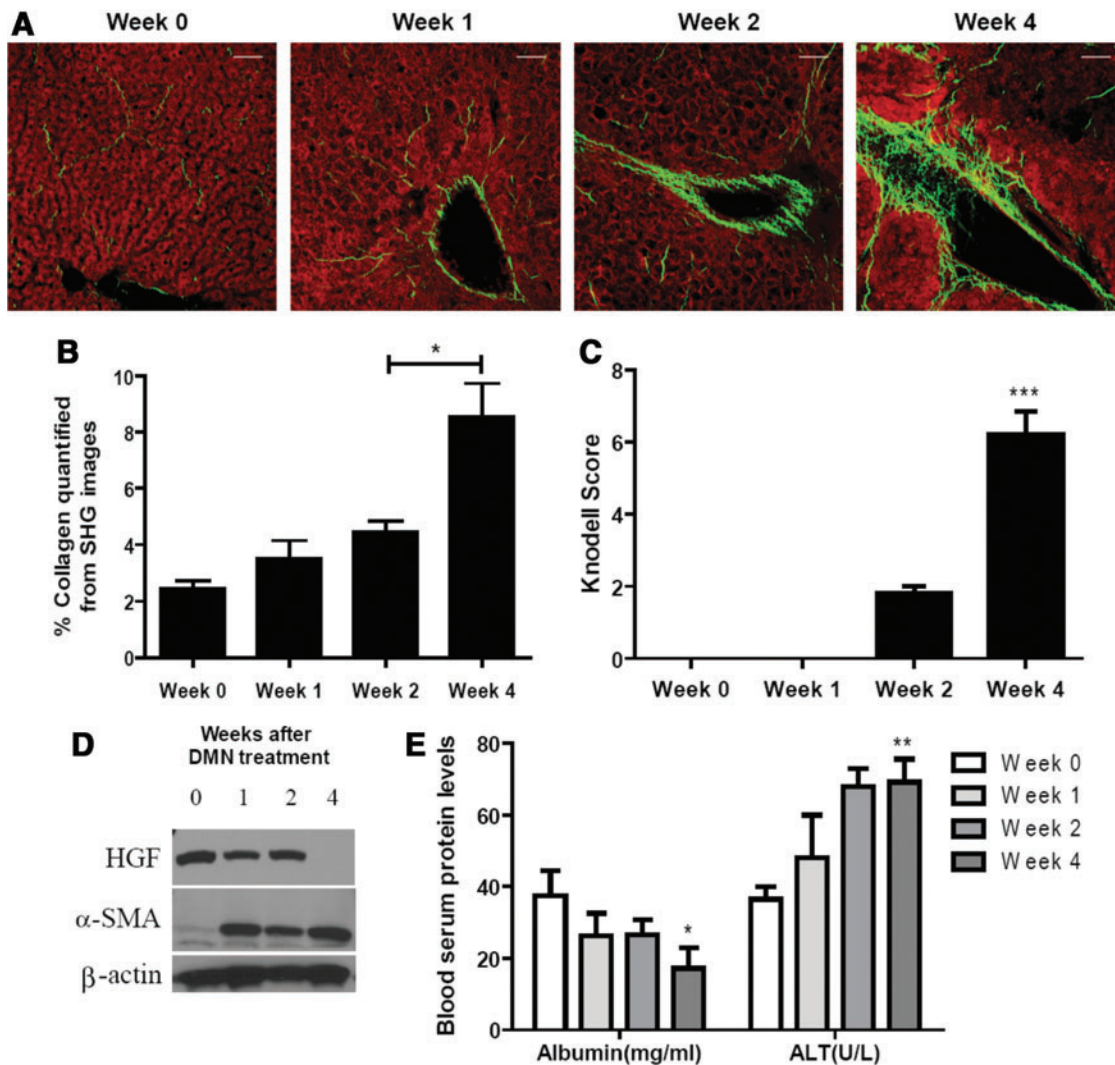


Supplementary Material



SUPPLEMENTARY FIG. S1. Structural and dynamic changes in dimethylnitrosamine (DMN)-treated rats. Increased collagen accumulation in DMN-treated rats by second harmonic generation microscopy (SHG) images (**A** and **B**). Knodell score measured from Masson's trichrome and haematoxylin and eosin (H&E)-stained liver tissue sections (**C**). Decreased levels of hepatocyte growth factor HGF and increased levels of α -SMA protein expression with DMN-induced fibrosis as observed in western blots (**D**). Albumin levels decreased with fibrosis progression whereas alanine transaminase (ALT) levels increased significantly with fibrosis progression in the blood serum (**E**). * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.