

ALP

\* Hepatitis Acute hepatitis Fulminant hepatitis Cytolytic hepatitis Cholestatic hepatitis VOD/SOS Hepatic lesion Hepatic cyst **Hepatic fibrosis Hepatic steatosis** Hepatic cirrhosis Hepatic necrosis Hepatic failure Acute hepatic failure elevation elevation elevation **Hepatitis** C Hepatocellular injury Hepatomegaly

TNFR1 proapoptotic TNFR1/NF-kB TNFR2/NF-kB MAPK1/MAPK3 MAPK6/MAPK4 Hippo MHC class II TLR3 cascade TLR4 cascade