

Figure S1: ^{18}F -FDG, ^{18}F -FAC, and ^{18}F -DFA accumulation in mice treated with ConA. Representative coronal sections of vehicle- and ConA-treated immunocompetent or immunocompromised mice injected with ^{18}F -FDG, ^{18}F -FAC, and ^{18}F -DFA.

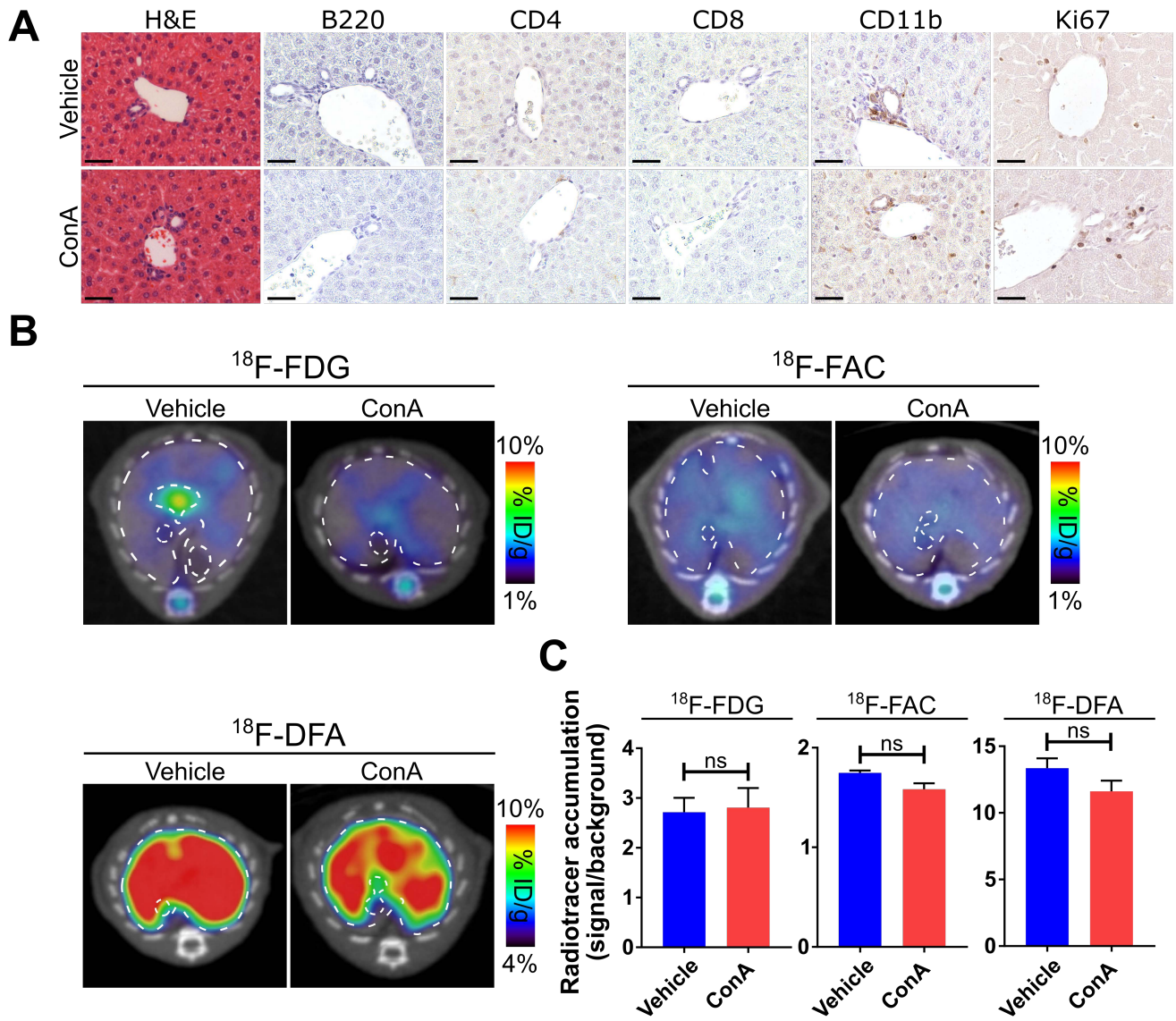


Figure S2: Hepatic $^{18}\text{F-FDG}$, $^{18}\text{F-FAC}$, and $^{18}\text{F-DFA}$ accumulation are unaffected in immunocompromised mice treated with ConA. (A) Histochemical and immunohistochemical analyses of liver sections from vehicle- and ConA-treated immunocompromised mice. Scale bars represent 50 microns. Transverse PET/CT images (B) and quantification (C) of vehicle- and ConA-treated immunocompromised mice injected with $^{18}\text{F-FDG}$, $^{18}\text{F-FAC}$, and $^{18}\text{F-DFA}$. Livers are outlined in a white dotted line. Quantification represents radiotracer accumulation in the liver normalized to a background organ. ns: not significant.

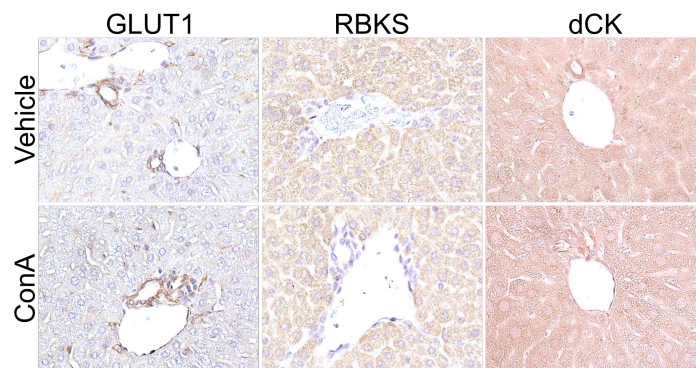


Figure S3: GLUT1, RBKS, and dCK protein levels are unaffected in liver sections from immunocompromised mice treated with ConA compared to vehicle-treated mice. GLUT1, RBKS, and dCK immunostained vehicle- and ConA-treated immunocompromised mouse liver sections.

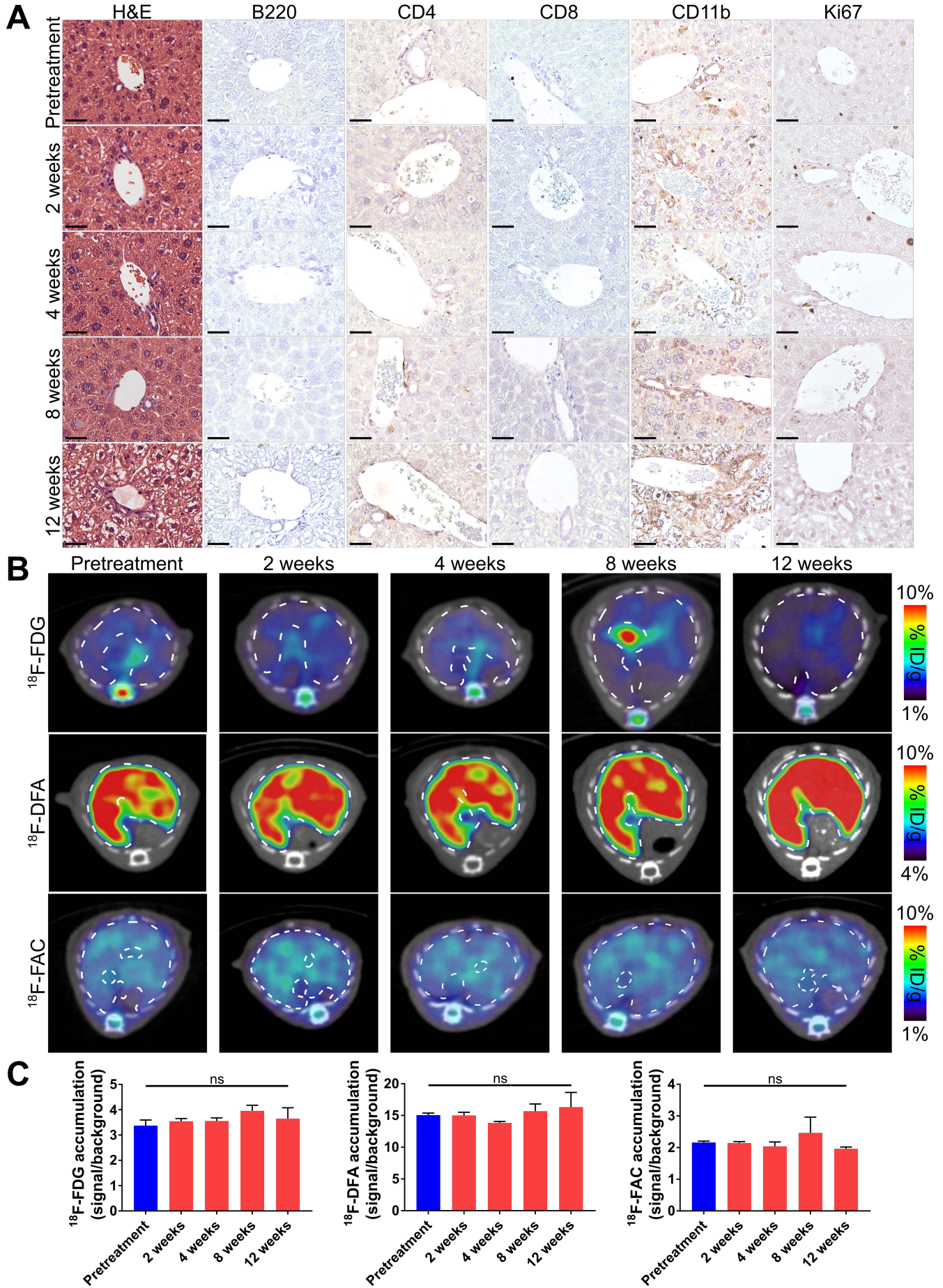


Figure S4: Hepatic ^{18}F -FDG, ^{18}F -FAC, and ^{18}F -DFA accumulation are unaffected in immunocompromised mice treated with adenovirus. (A) Histological and immunohistochemical analyses of liver sections from pretreatment and adenovirus-treated immunocompromised mice. Scale bars represent 50 microns. Transverse PET/CT images (B) and quantification (C) of pretreatment and adenovirus-treated immunocompromised mice injected with ^{18}F -FDG, ^{18}F -DFA, and ^{18}F -FAC. Quantification represents radiotracer accumulation in the liver normalized to a background organ. ns: not significant.

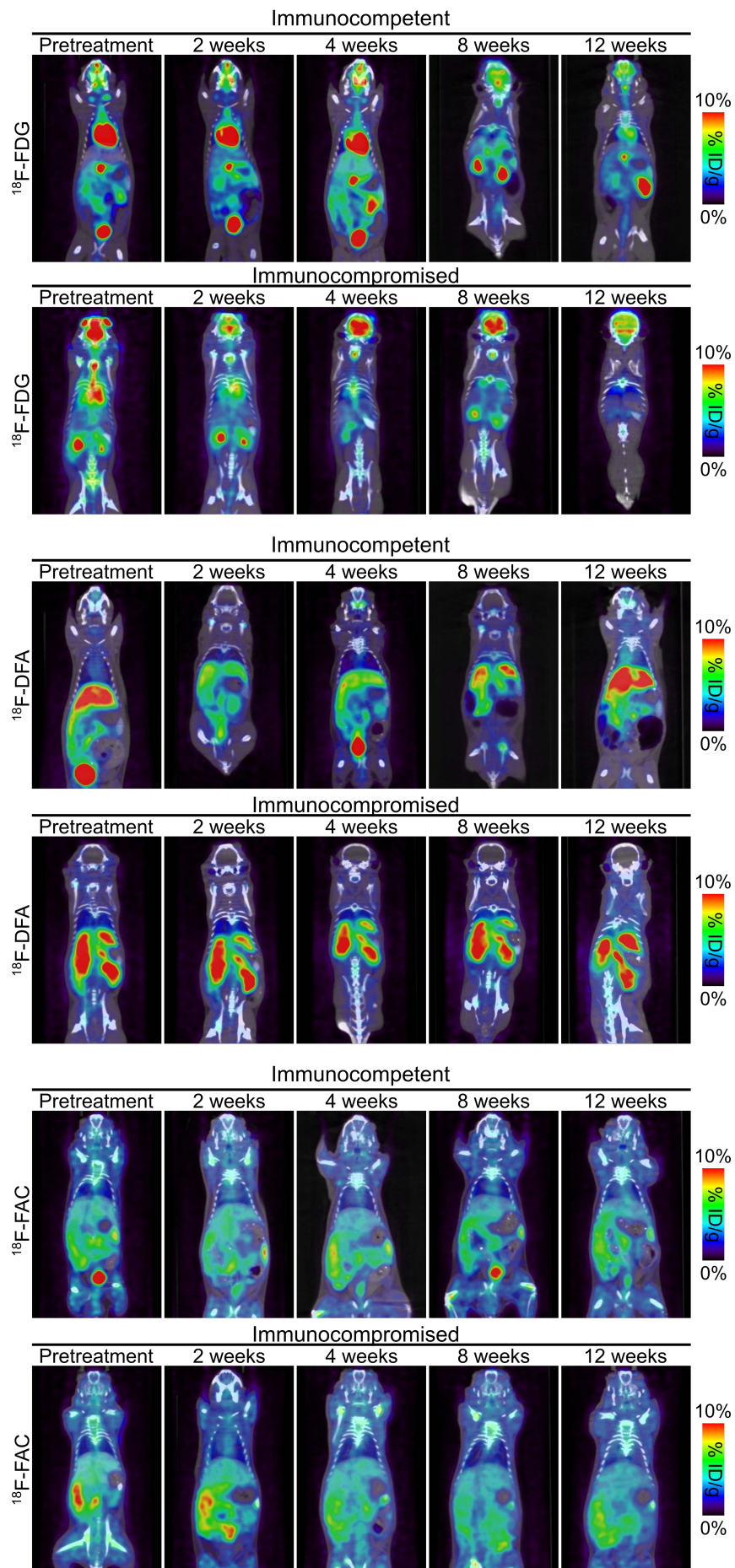


Figure S5: ^{18}F -FDG, ^{18}F -FAC, and ^{18}F -DFA accumulation in a mouse model of viral hepatitis. Representative coronal sections of pretreatment and adenovirus-treated mice injected with ^{18}F -FDG, ^{18}F -DFA, and ^{18}F -FAC.