

Supplementary Figures

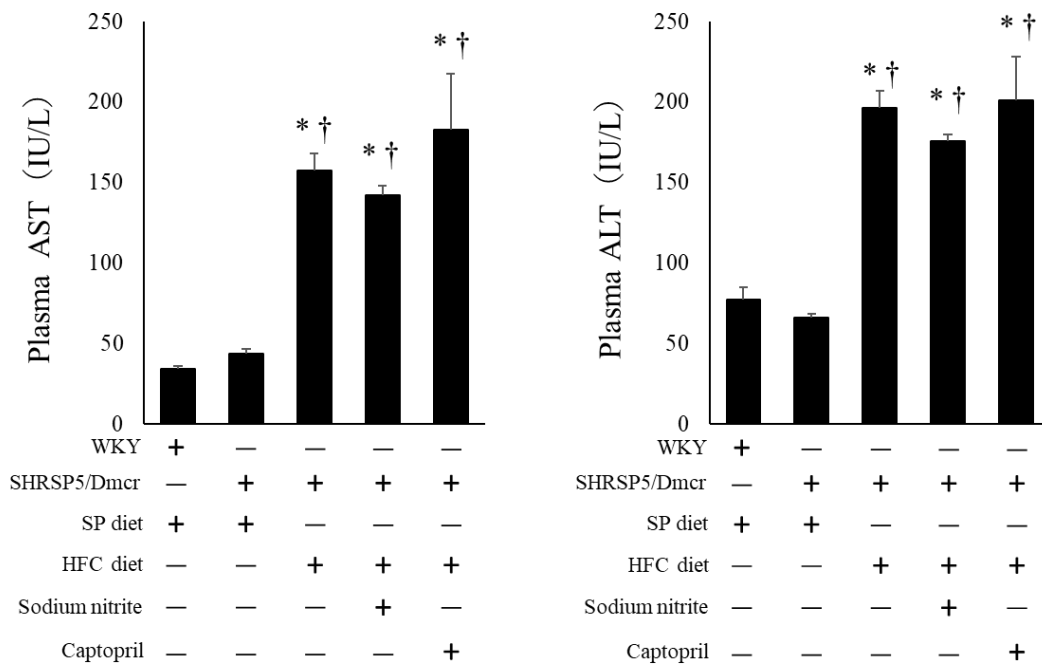


Figure S1: Effects of nitrite and captopril supplementation on plasma levels of AST and ALT in rat nonalcoholic steatohepatitis model.

Values represent mean \pm SE (n=6), * P <0.05 vs. WKY + SP diet group, $^{\dagger}P$ <0.05 vs. SHRSP5/Dmcr + SP diet group.

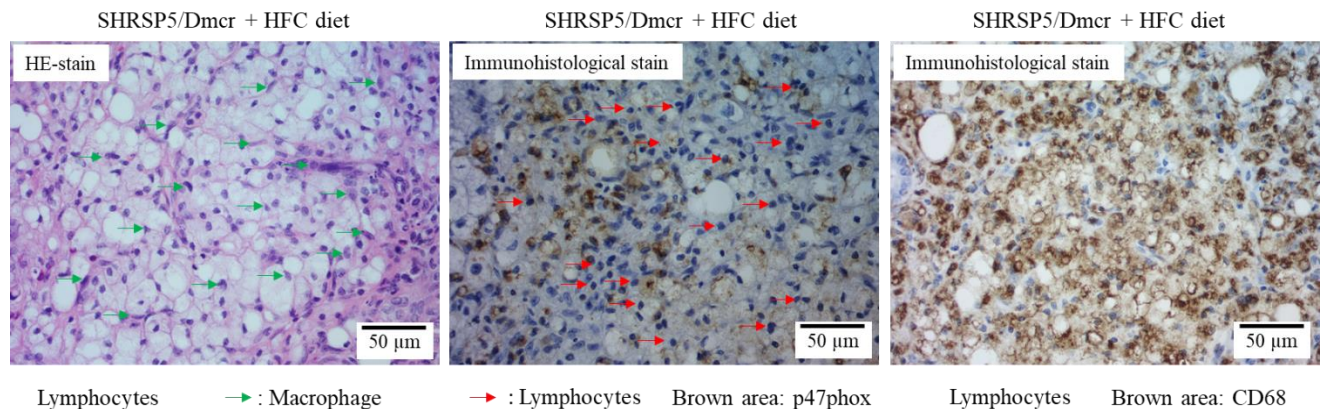


Figure S2: Inflammatory cells in the liver of rat nonalcoholic steatohepatitis model.

Inflammatory cell infiltration is composed of macrophages and lymphocytes (left: HE staining). Identification of inflammatory cells by immunostaining with the antibodies of p47phox (middle) and CD68 (right).

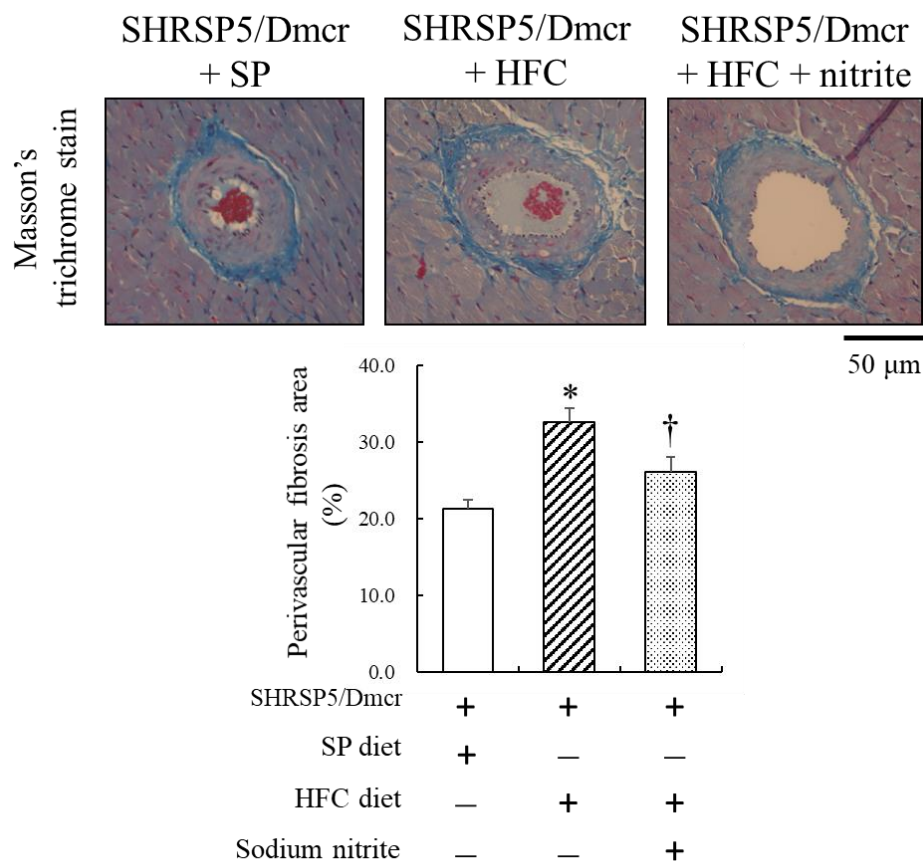


Figure S3: Histological assessment of coronary arterioles in rat nonalcoholic steatohepatitis model treated with/without nitrite.

SHRSP5/Dmcr rats were divided into three groups, each fed the SP diet, HFC diet, or HFC diet with nitrite supplementation in drinking water (500 mg/L) for 4 weeks.

Values represent mean \pm SE (n=4), * P <0.05, vs. the SHRSP5/Dmcr + SP diet group, $^{\dagger}P$ <0.05, vs. the SHRSP5/Dmcr + HFC diet group.

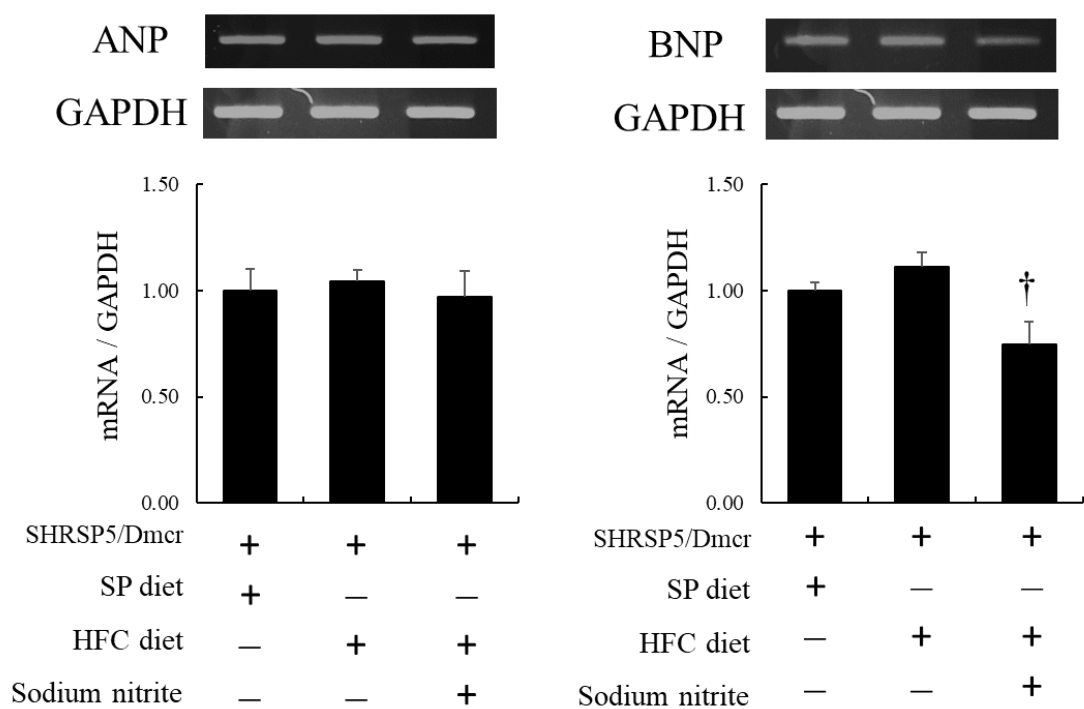


Figure S4: Myocardial transcription levels of ANP and BNP in the rat nonalcoholic steatohepatitis model treated with/without nitrite.

SHRSP5/Dmcr rats were divided into three groups, each fed the SP diet, HFC diet, or HFC diet with nitrite supplementation in drinking water (500 mg/L) for 4 weeks.

Values represent mean \pm SE ($n = 4$), $^{\dagger}P < 0.05$, vs. the SHRSP5/Dmcr + HFC diet group.

ANP, atrial natriuretic peptide; BNP, brain natriuretic peptide.