Supplementary Material

7-hydroxycoumarin Induces Vasorelaxation in Animals with Essential Hypertension: Focus on Potassium Channels and Intracellular Ca^{2+} Mobilization

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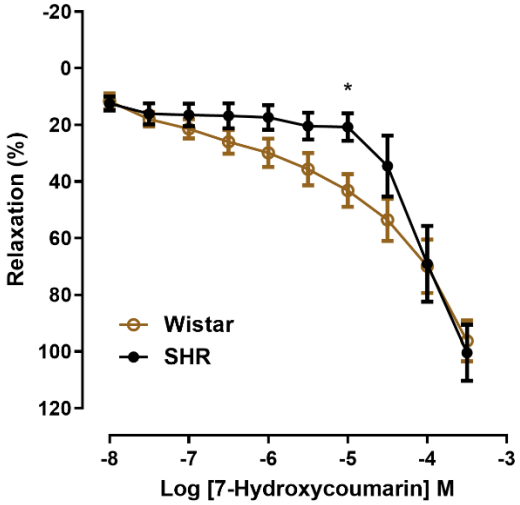

Figure S1. Vasorelaxation effects of 7-HC in the superior mesenteric artery from wistar and SHR rats**.** Results are expressed as mean ± S.E.M. Statistical analysis was performed using unpaired Student's t-tests. *$p < 0.05$ versus wistar.

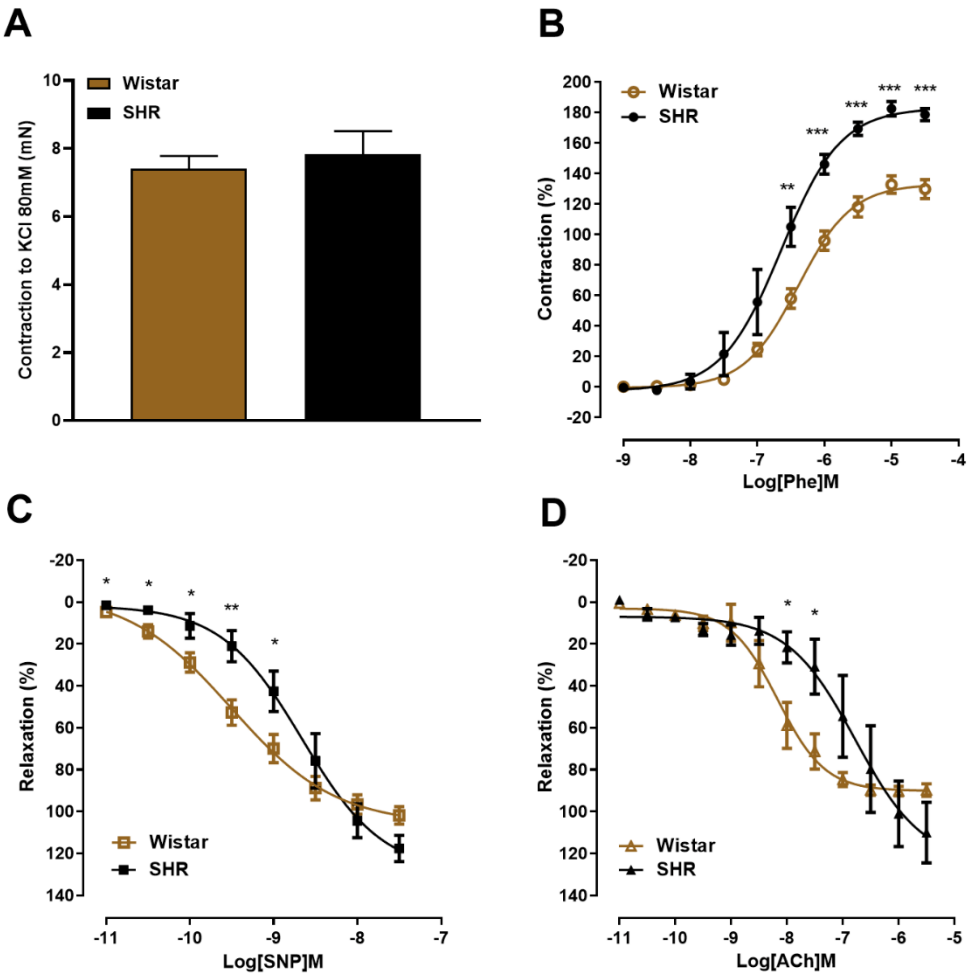

Figure S2. Vascular abnormalities in superior mesenteric artery from hypertensive compared to normotensive rats. **A**) Bar graphs showing contraction induced by Tyrode's solution containing KCl 80 mM. **B**) Contraction responses induced by Phe (10^{-9} to 3×10^{-5} M, cumulatively). **C**) Relaxation responses induced by SNP (10^{-11} to 3×10^{-8} M, cumulatively). **D**) Relaxation responses induced by Ach (10^{-11} to 3×10^{-6} M, cumulatively). Results are expressed as mean ± S.E.M. Statistical analysis was performed using unpaired Student's t-tests. *$p < 0.05$, **$p < 0.01$ or ***$p < 0.001$ versus wistar.