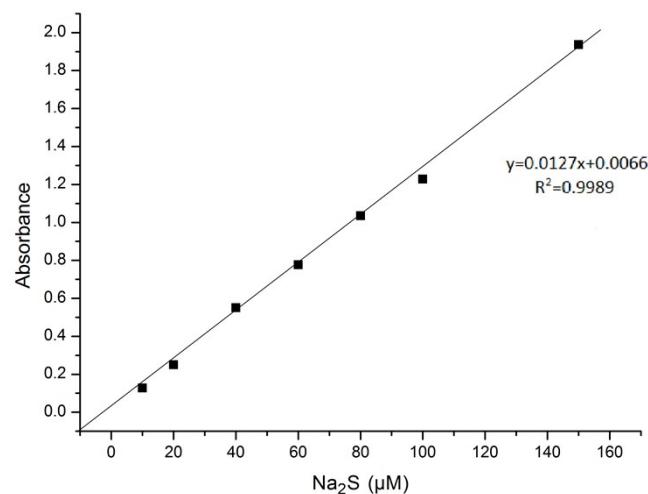


Supporting Information

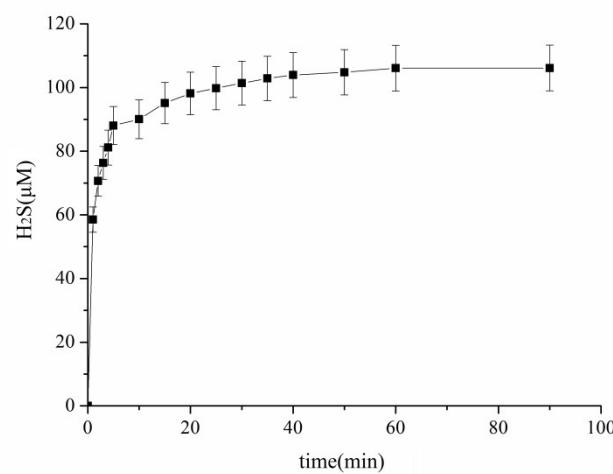
**Toxicities and beneficial protection of H₂S donors based on
non-steroidal anti-inflammatory drugs**

Experiments

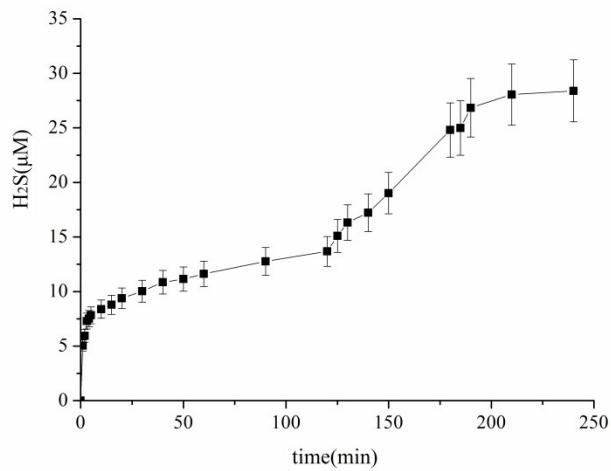
SI-Figure 1 Na₂S standard curve of methylene blue (MB⁺) method



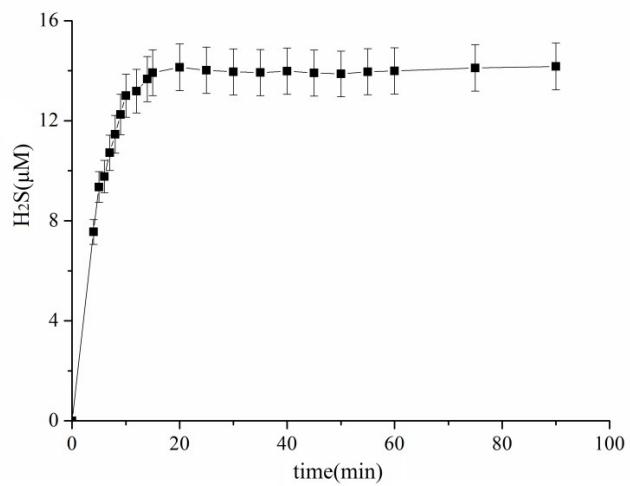
SI-Figure 2 H₂S-releasing curve of three kinds of exogenous H₂S release donors and compounds
a. 4-Hydroxythiobenzamide



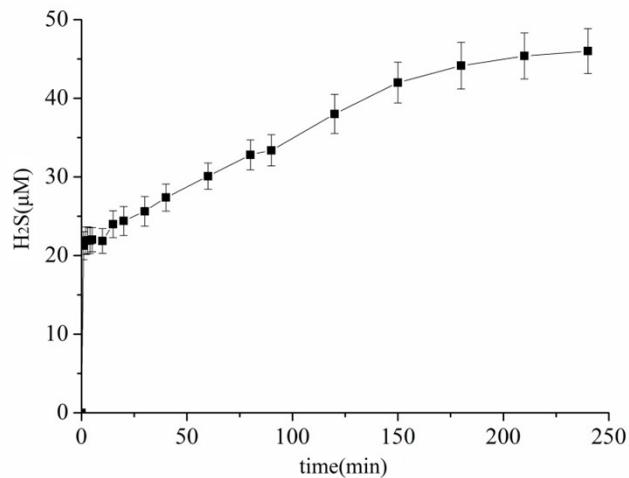
b. α -Thioctic acid



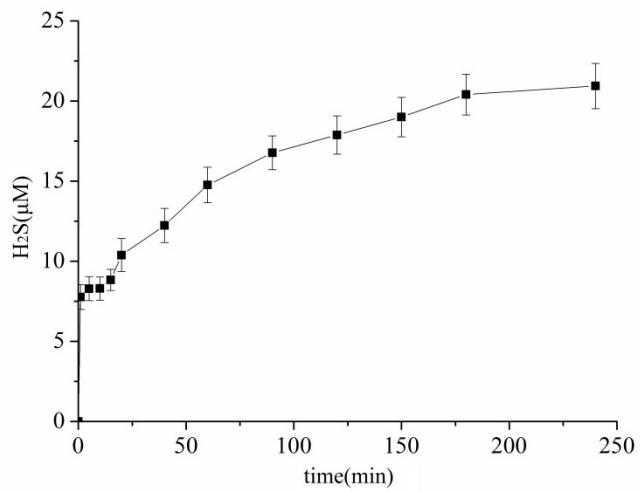
c. ADTOH



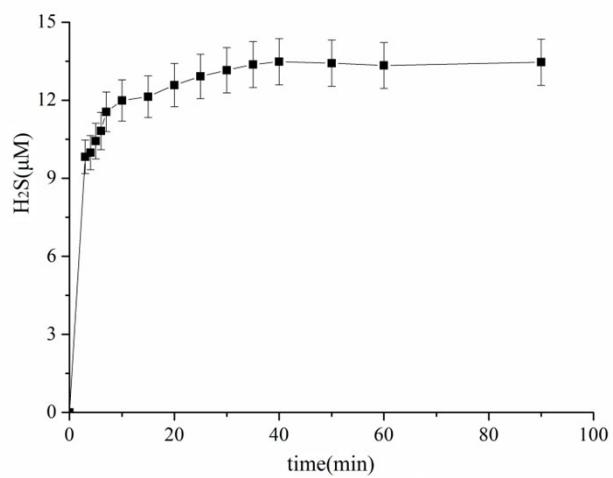
d. Compound 1



e. Compound 2

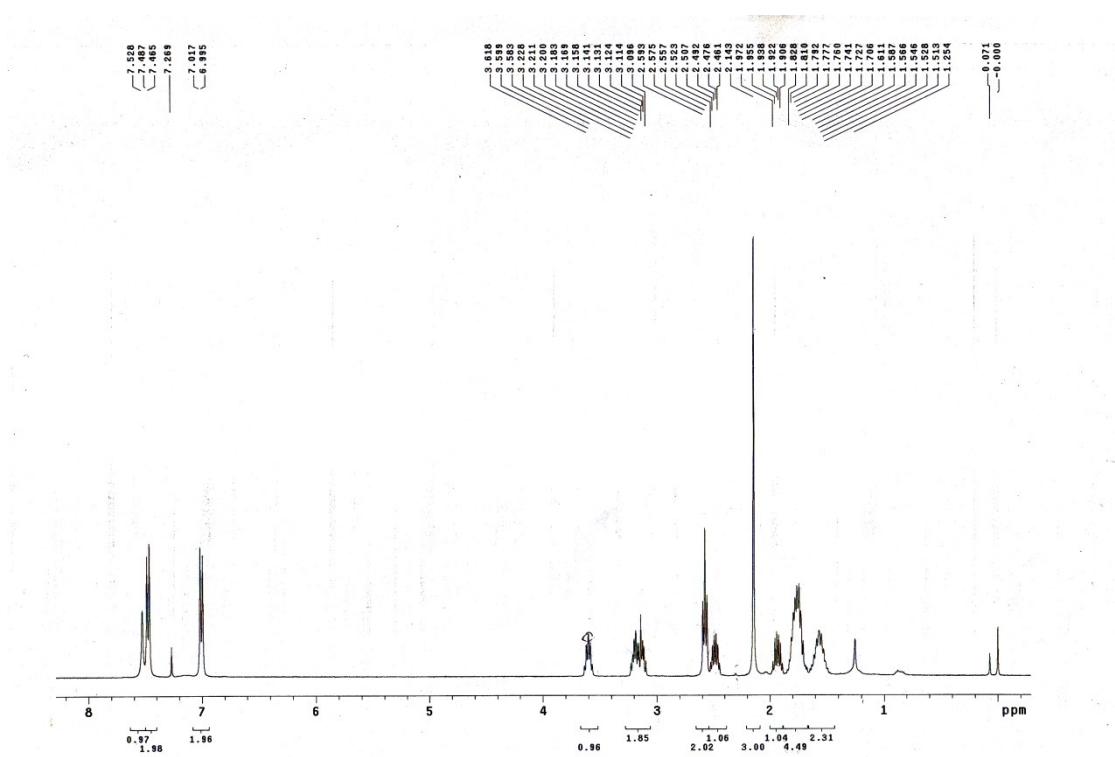


f. Compound 3

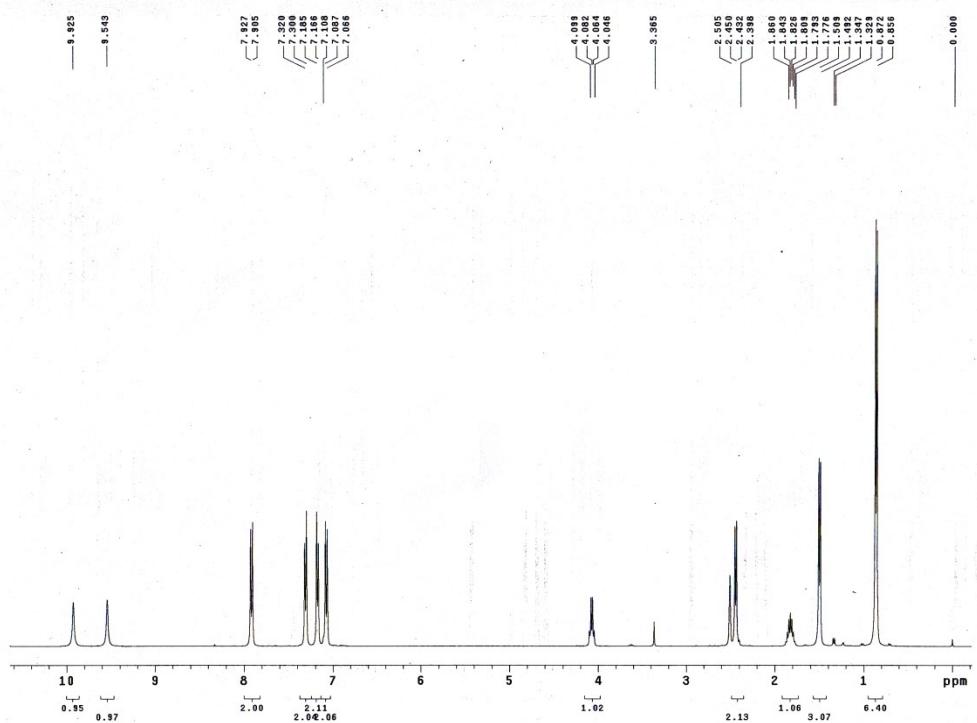


SI-Figure 3 ¹H-NMR of all compounds

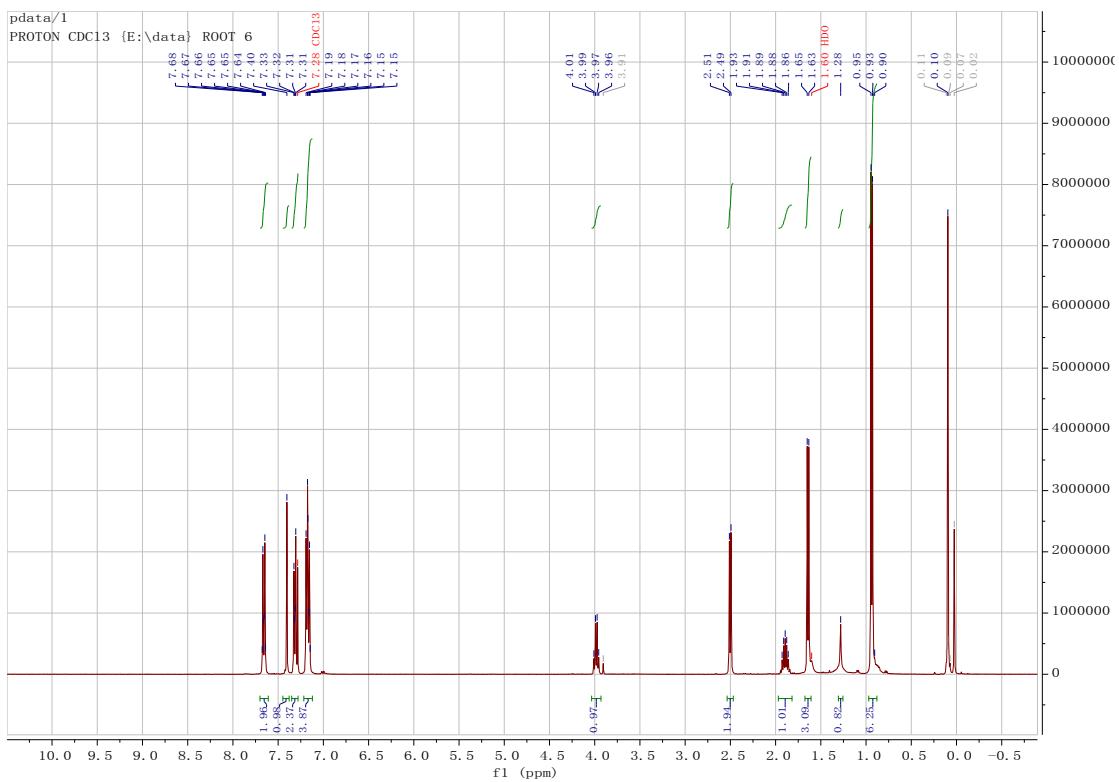
Compound 1



Compound 2

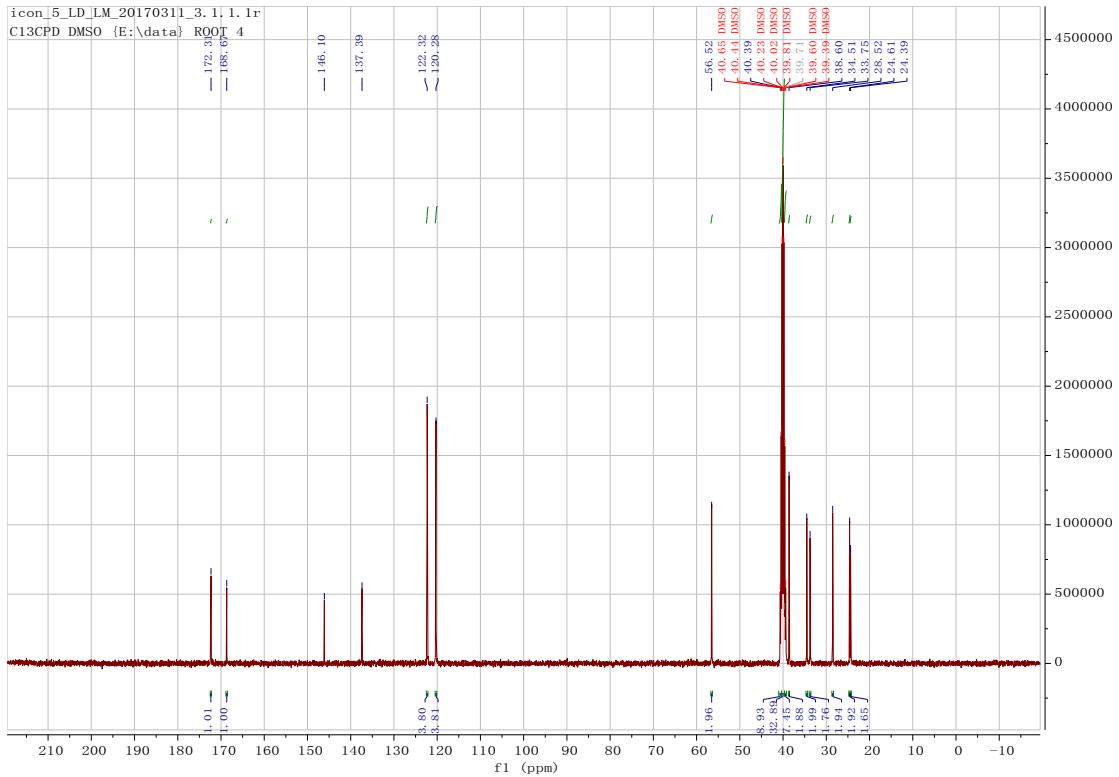


Compound 3

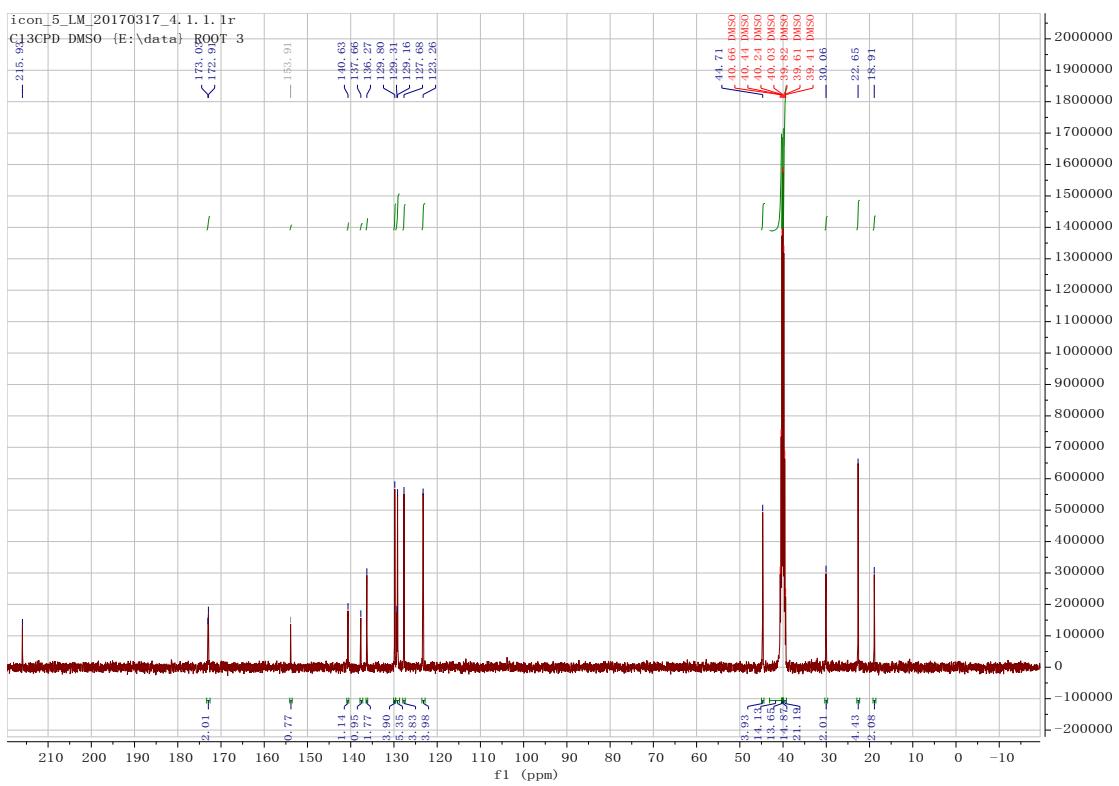


SI-Figure 4 ^{13}C -NMR of representative compounds

Compound 1



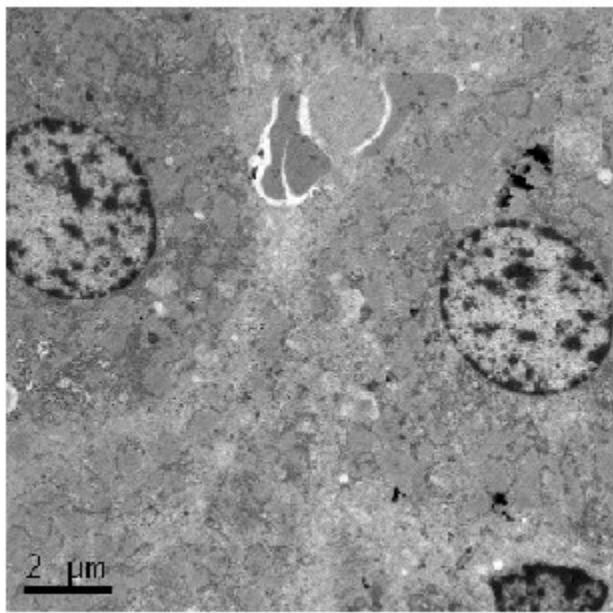
Compound 3



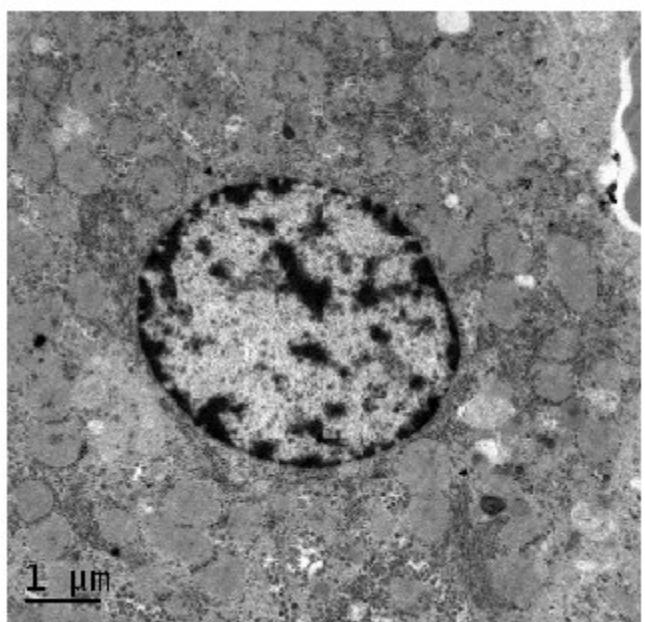
SI-Figure 5 TEM morphological images of rat liver

Control group

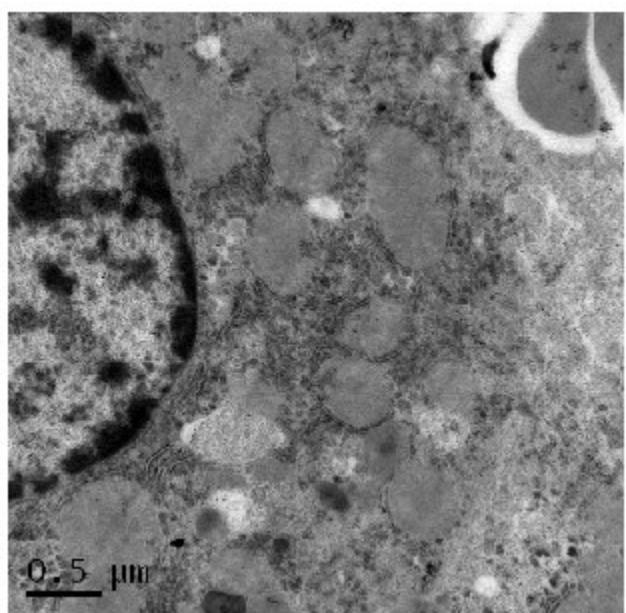
A



B

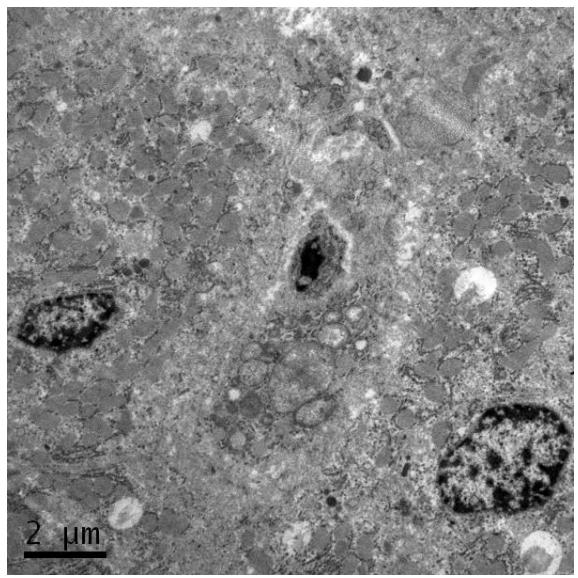
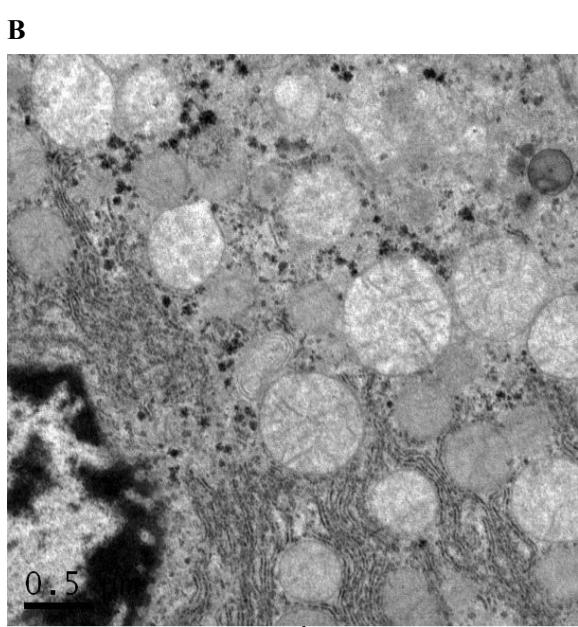
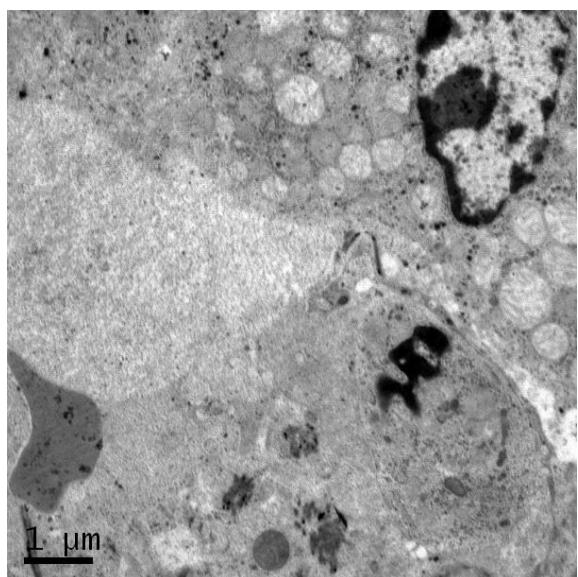


C



Test group

A

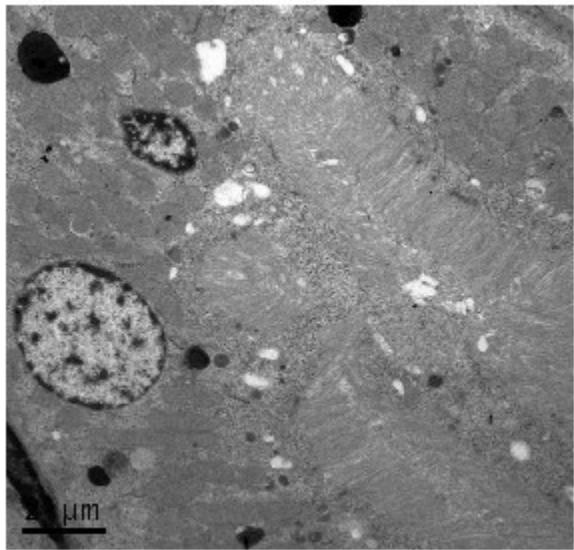


C

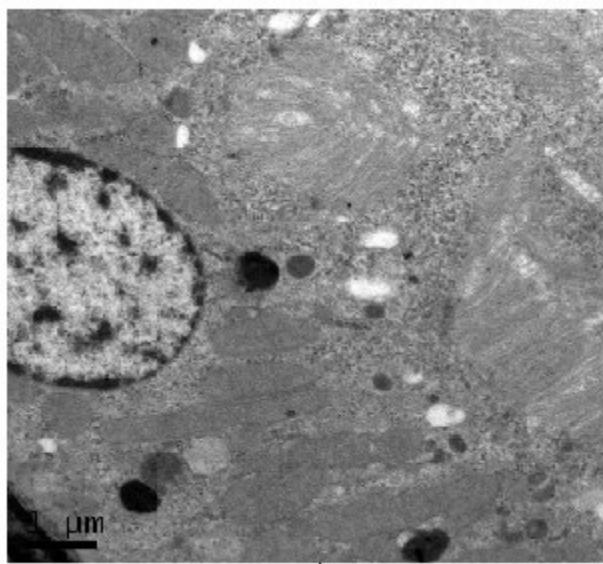
SI-Figure 6 TEM morphological images of rat kidney

Control group

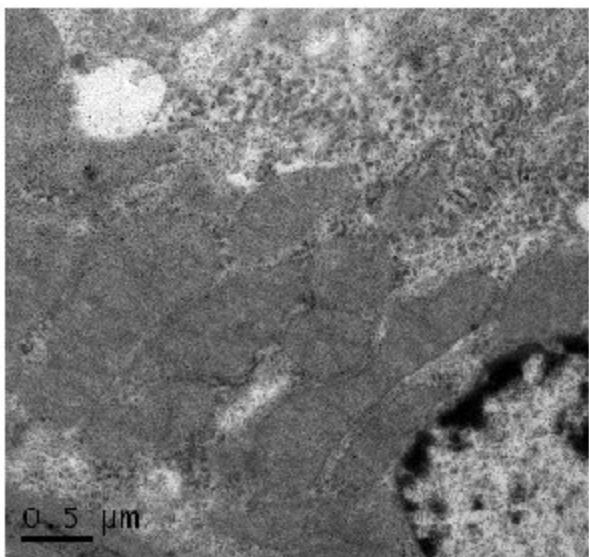
A



B

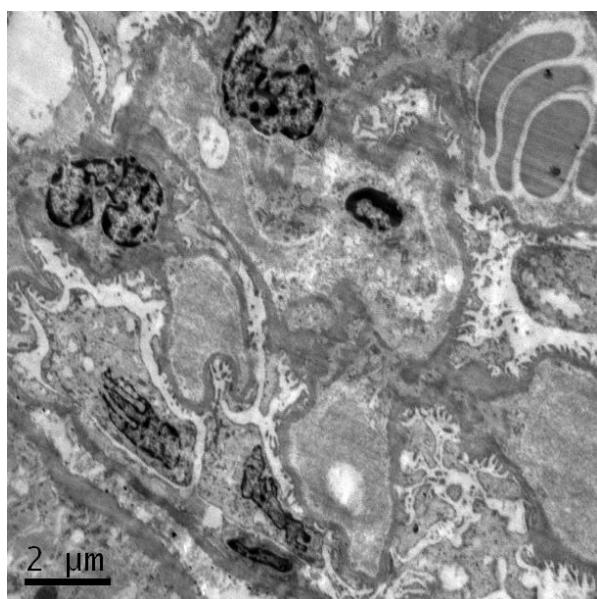


C

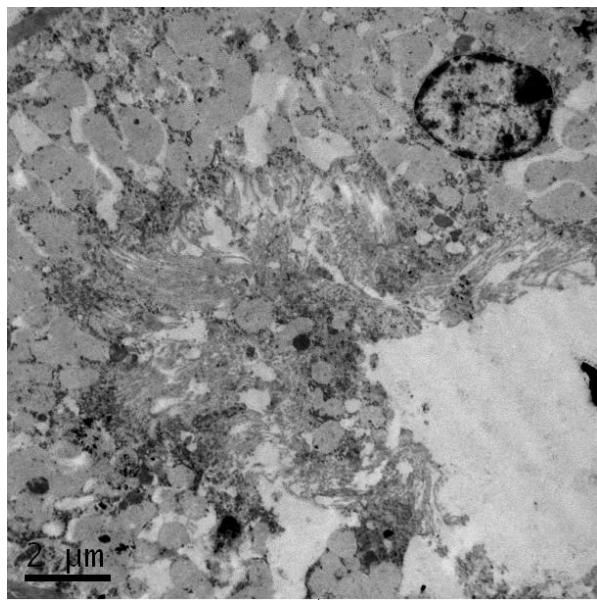


Test group

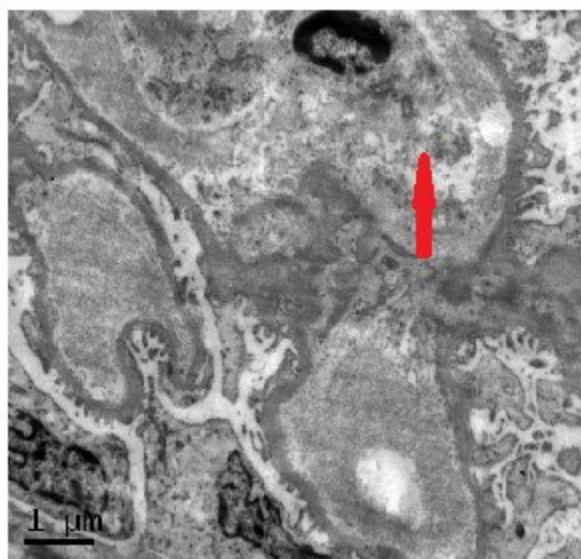
A



B



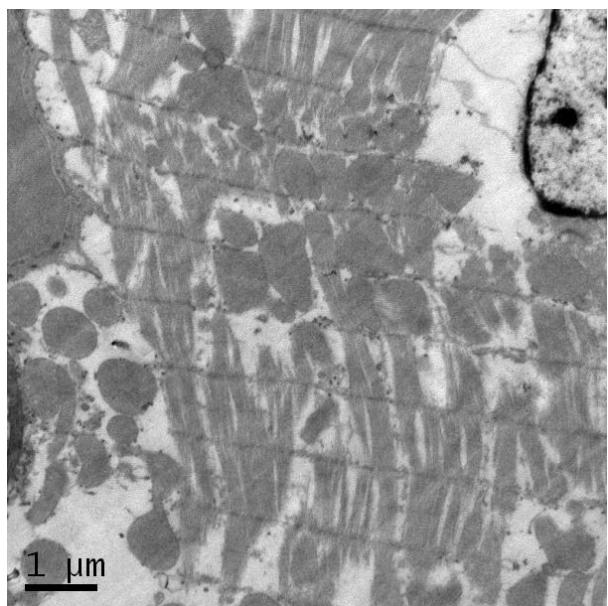
C



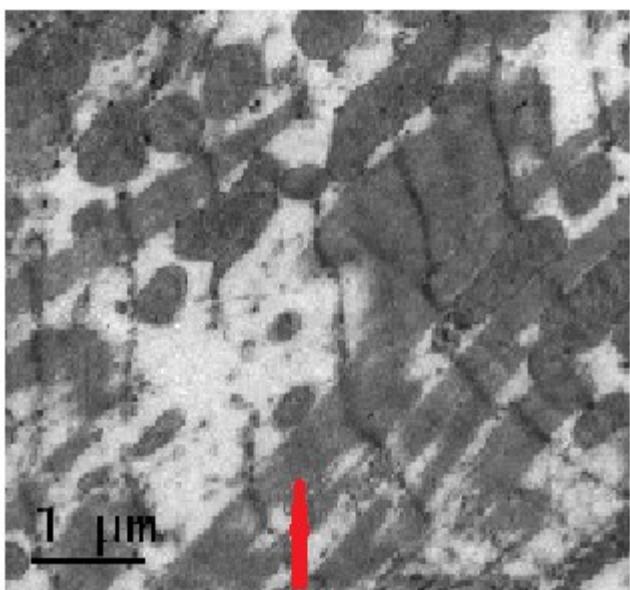
SI-Figure 7 TEM morphological images of rat heart

Control group

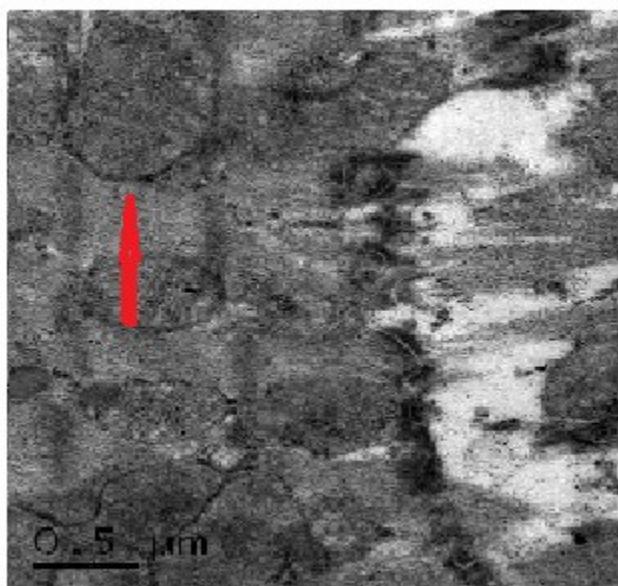
A



B

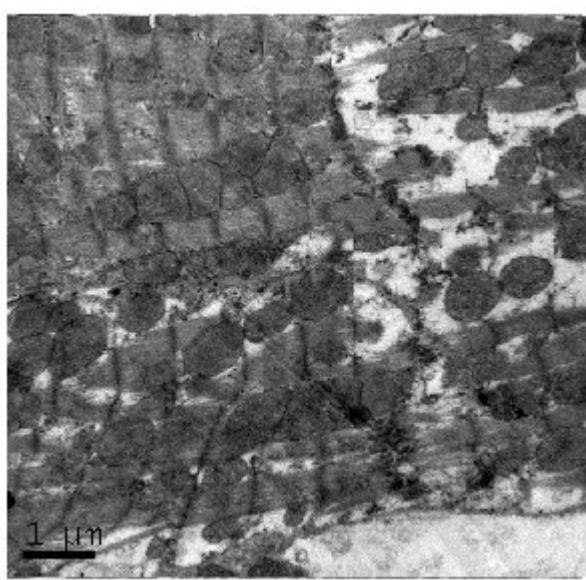


C

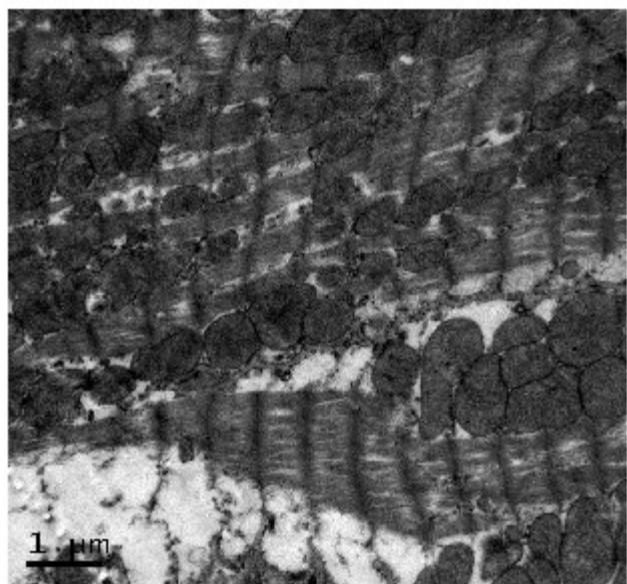


Test group

A



B



C

