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CORRECTION

Correction to: Hydrogen sulfide upregulates K_{ATP} channel expression in vascular smooth muscle cells of spontaneously hypertensive rats

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We wrongly uploaded the figure 1e by mistake due to carelessness.

The corrected figure 1e in Figure 1 is presented in this paper.

The online version of the original article can be found at https://doi.org/10.1007/s00109-014-1227-1

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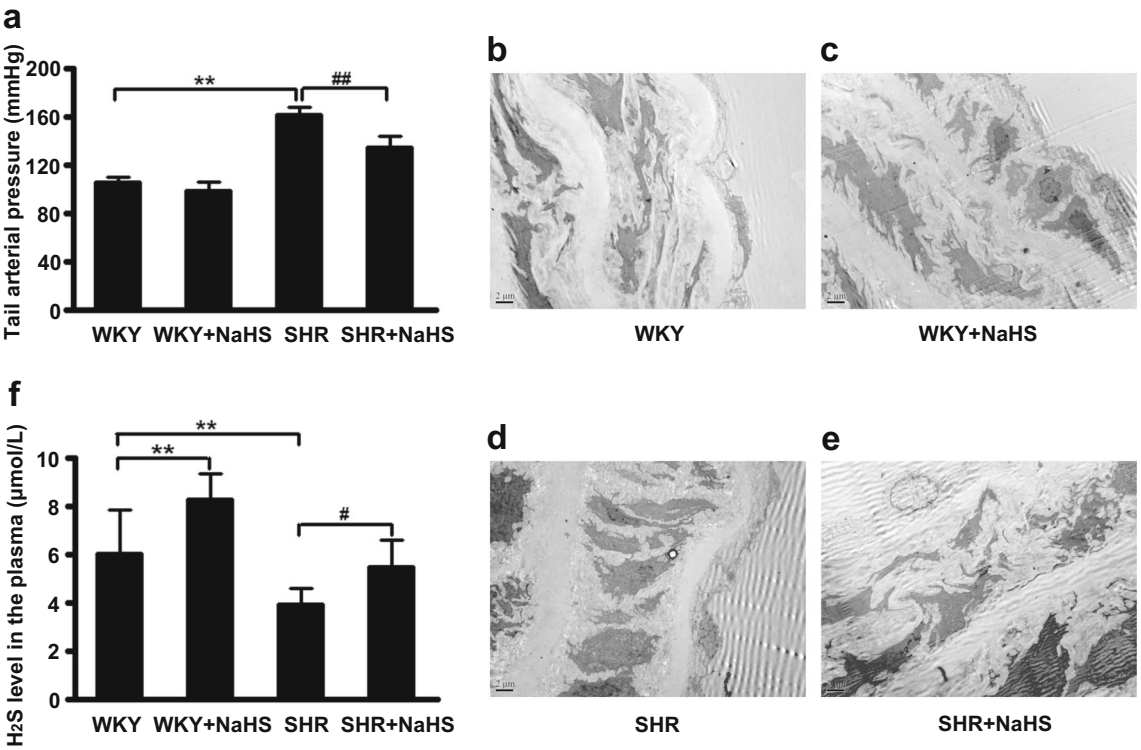

Fig. 1 Tail arterial pressure, aortic ultrastructure of rats, and H2S levels in plasma. **a** Tail arterial pressure for each group of rats (in millimeter of mercury; N=8; mean ± SD). The tail arterial pressure of SHR was significantly increased compared with the WKY group ($P<0.01$). Chronic administration of NaHS significantly decreased the tail arterial pressure in the SHR+NaHS group ($P<0.01$). **$P<0.01$ vs.WKY group; ##$P<0.01$ vs. SHR group. **b** WKY rats exhibited thin and flat ECs, clear intercellular tight junction, thick internal elastic membrane, and fusiform-shaped SMCs in the aorta. **c** WKY+NaHS-treated rats showed an ultrastructure similar to that of WKY rats, except that some ECs were slightly large, and in some segment of aorta some of them were oval-shaped in the thickened subendothelial tissue. **d** In the SHR group, some ECs were oval-shaped, and cubic-shaped SMCs were observed in the thickened subendothelial tissue. The internal elastic membrane was uneven. SMCs grew vertically and select cells broke through the internal elastic membrane. e SHR+NaHS-treated rats showed a similar ultrastructure to WKY rats. ECs were slightly large, and select SMCs were fusiformshaped in the aorta. **f** H2S levels in the plasma (inmicromole per liter; N= 8 per group) was detected using polarographic sensor. Plasma levels of H2S were significantly decreased in the SHR group compared with the WKY group ($P<0.01$), whereas, chronic administration of NaHS increased plasma H2S levels in the SHR+NaHS ($P<0.05$) and WKY+NaHS groups ($P<0.01$). **$P<0.01$ vs. WKY group; #$P<0.05$ vs. SHR group