

CORRECTION

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Correction: The dopamine receptor D4 regulates the proliferation of pulmonary arteries smooth muscle in broilers by downregulating AT1R

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Following publication of the original article (Yang et al. 2021), the authors identified some errors in Fig. 1 and Fig. 7. The correct figures are given below.

The original article (Yang et al. 2021) is updated.

Reference

Yang, et al. 2021. The dopamine receptor D4 regulates the proliferation of pulmonary arteries smooth muscle in broilers by downregulating AT1R. *Animal Diseases* 1: 12. <https://doi.org/10.1186/s44149-021-00012-w>.

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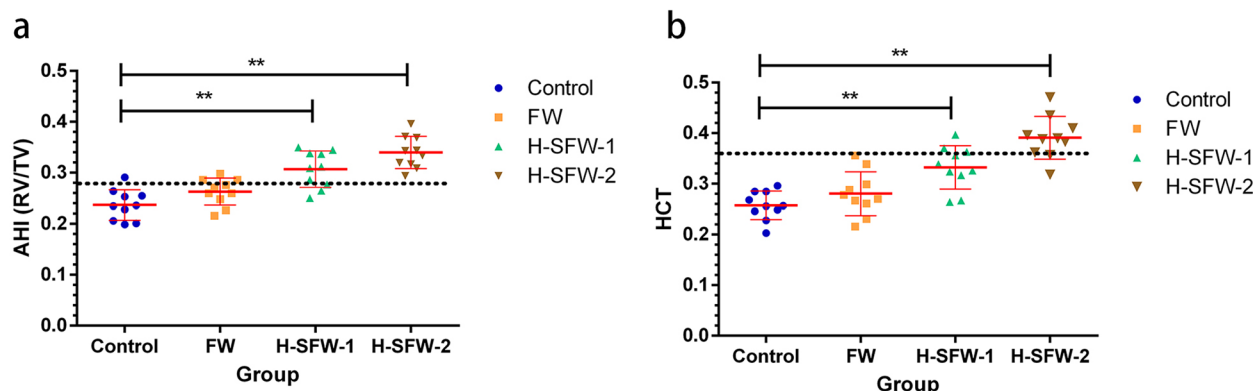


Fig. 1 Effects of different NaCl contents in drinking water on hematocrit (HCT) and ascites heart index (AHI) of broilers. They were randomly divided into four groups: a control group (deionized water, NaCl at 0 g/L), a freshwater group (FW, deionized water + NaCl at 1 g/L), high salinized freshwater group 1 (H-SFW-1, deionized water + NaCl at 2.5 g/L) and high salinized freshwater group 2 (H-SFW-2, deionized water + NaCl at 5 g/L). **a** AHI (RV/TV, right ventricular weight/total ventricular weight) of broilers in control group, FW group, H-SFW-1 group and H-SFW-2 group. ($n = 10$, $**P < 0.01$ vs. control). **b** HCT of broilers in control group, FW group, H-SFW-1 group and H-SFW-2 group ($n = 10$, $**P < 0.01$ vs. control)

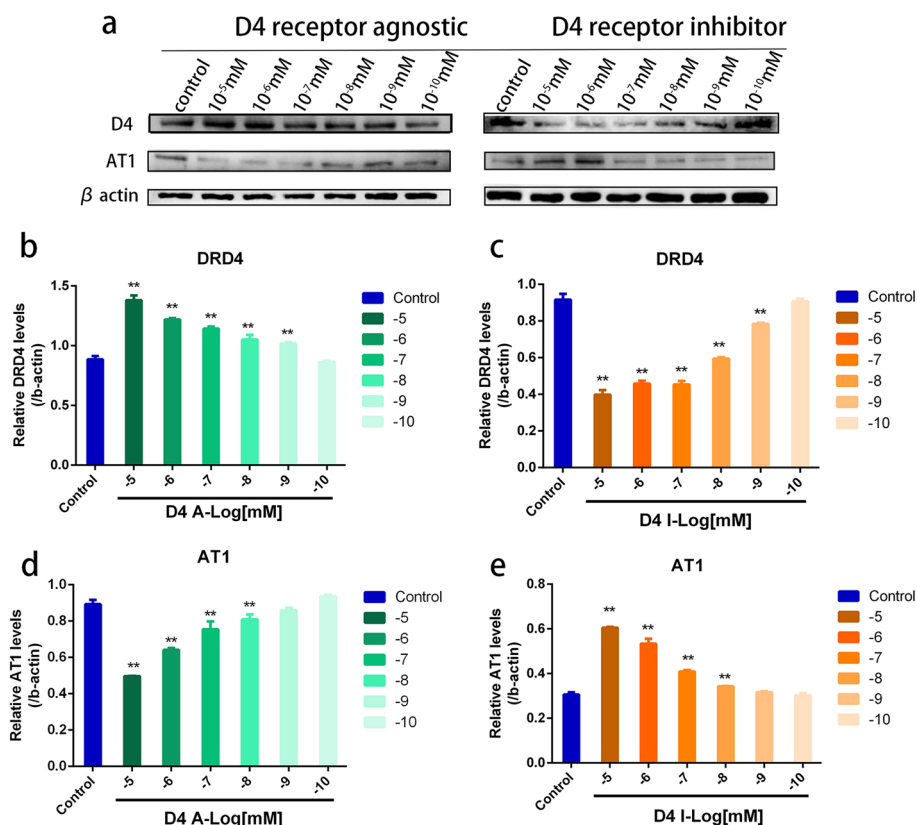


Fig. 7 Effect of dopamine receptor D4 (DRD4) on angiotensin II type 1 receptor (AT1) protein expression in primary vascular smooth muscle cells (VSMCs) of broilers. VSMCs were incubated with different doses of D4A or D4I for 24 h. **a, b, c** Dose-dependent effect of D4A (HY-101384A) or D4I (HY-B0965) ($n = 6$, $**P < 0.01$ vs. control). **a, d, e** The dose-dependent effect of D4A or D4I ($n = 6$, $**P < 0.01$ vs. control)