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Article

Mirtazapine Reduces Adipocyte Hypertrophy and Increases Glucose Transporter Expression in Obese Mice

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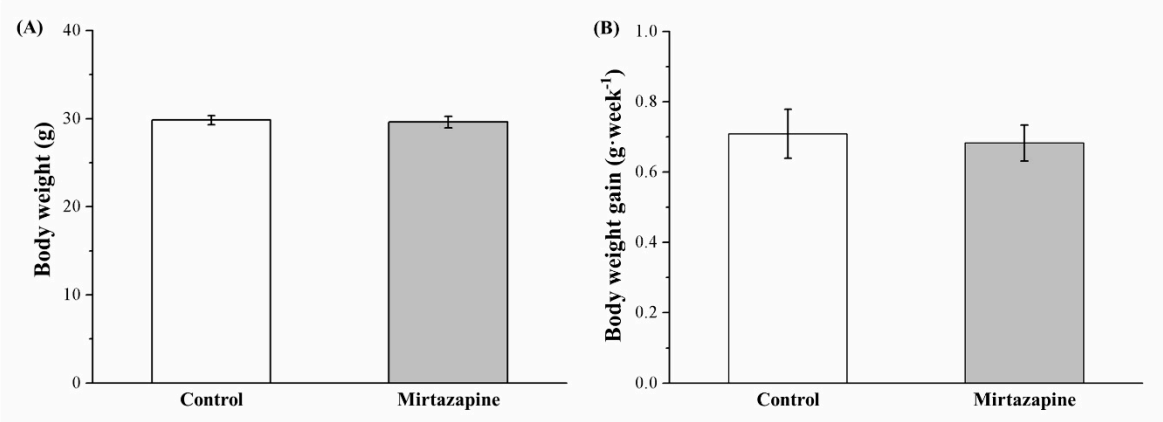

Figure 1. Changes in body weight and weekly body weight gain in the control and mirtazapine (10 mg/kg/day)-treated SD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups.

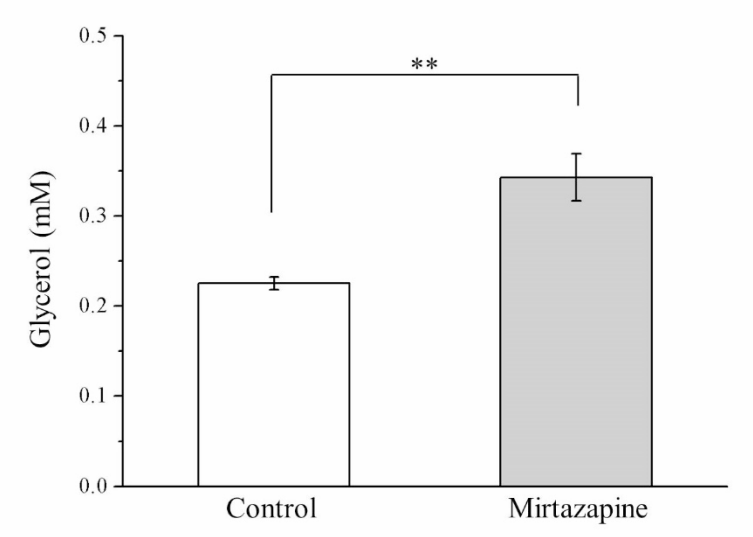

Figure 2. Changes in serum glycerol levels in the control and mirtazapine (10 mg/kg/day)-treated HFD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups. *$p < 0.05$.

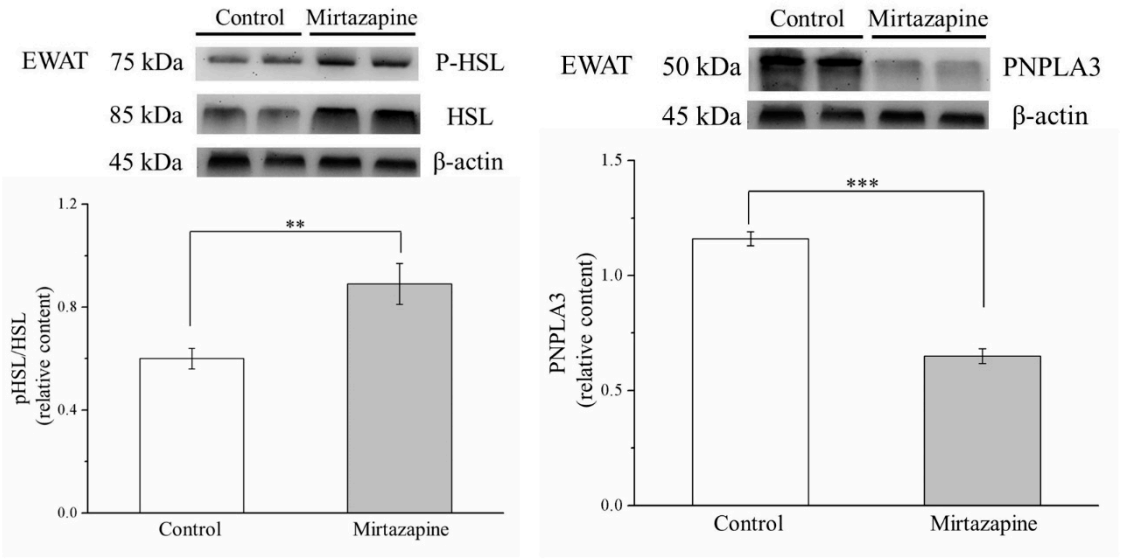

Figure 3. Changes in (**a**) HSL and (**b**) PNPLA3 in the EWAT from the control and mirtazapine (10 mg/kg/day)-treated HFD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups. *$p < 0.05$, ***$p < 0.001$.

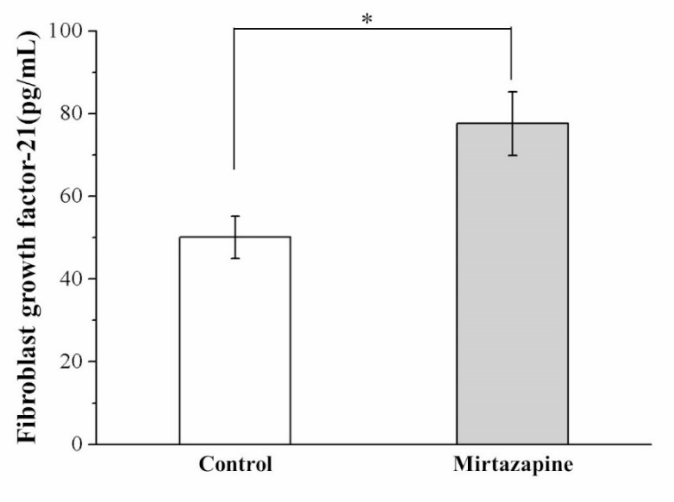

Figure 4. Changes in serum FGF-21 levels measured in the Control and Mirtazapine (10 mg/kg/day)-treated HFD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups. *$p < 0.05$.

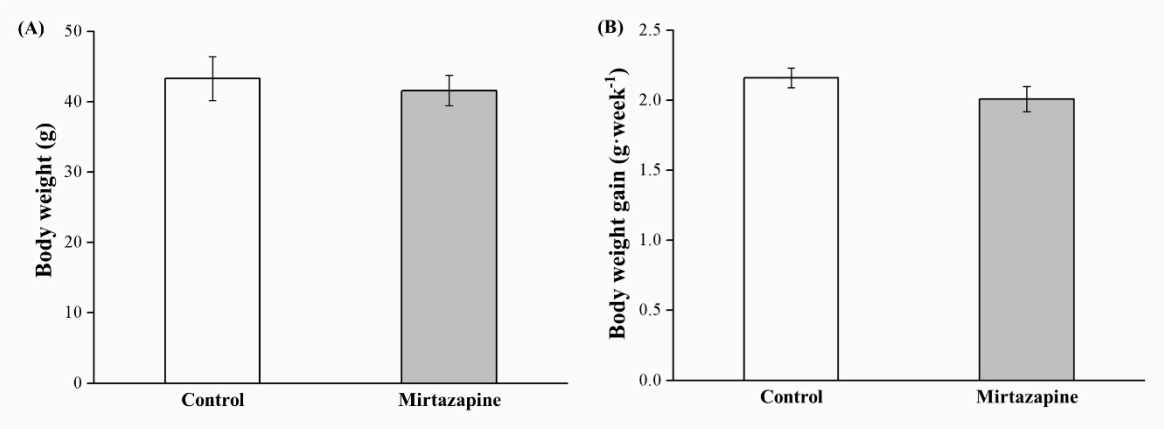

Figure 5. Changes in body weight and weekly body weight gain in the Control and Mirtazapine (2 mg/kg/day)-treated HFD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups.

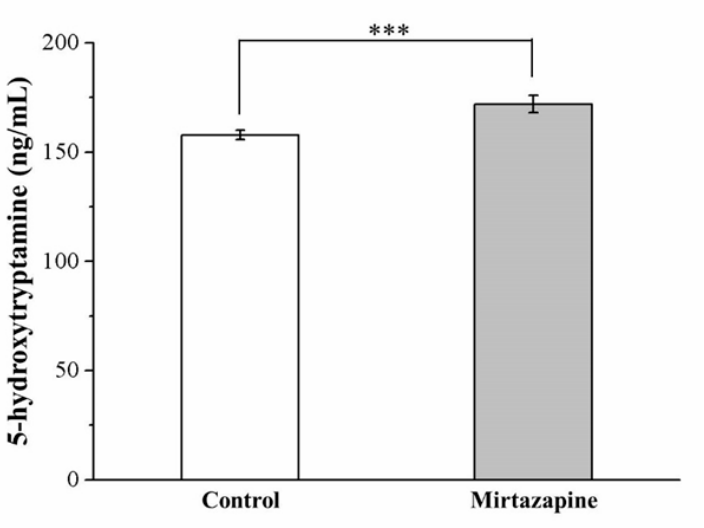

Figure 6. Changes in serum serotonin levels in the Control and Mirtazapine (10 mg/kg/day)-treated HFD-fed mice over the 28 treatment days. We present all data in this figure as mean ± SEMs (n = 10) for both groups. *$p < 0.001$.