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Melatonin ameliorates intrarenal renin-angiotensin system in a 5/6 nephrectomy rat model

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Supplemental Fig. 1 Circadian rhythm of urinary 6-sulphatoxymelatonin

Urinary 6-sulphatoxymelatonin (U-aMT6s) excretion levels were evaluated every 6 h. U-aMT6s excretion levels in the Nx+MEL (nephrectomy+melatonin) group were higher, with statistical significance, than those in the control and Nx groups for every time period. U-aMT6s excretion levels peaked between 2 am and 8 am in both the control and the Nx+MEL groups, but no obvious peak was observed in the Nx group.

The open bar shows the control group, the filled bar shows the Nx group, and the shaded bar shows the Nx+MEL group. Data are means ± SE. *P<0.05 the control group vs. Nx+MEL group. †P<0.05 the Nx group vs. the Nx+MEL group.