

Supplementary Table 3. Statistical comparisons between endotoxemic and treated animal groups, with Tukey's post-hoc correction for significant differences.

Parameter	Statistical Test Used	Time Points	Significant Findings (with Tukey Correction)
Creatinine	One-Way ANOVA with Repeated Measures	T24 and T48	Overall Treatment Effect $p < 0,0001$ LPS 24h vs RAPA/LPS $p < 0,0001$ LPS 24h vs LPS/RAPA $p = 0,0002$ LPS 48h vs RAPA/LPS $p < 0,0001$ LPS 48h vs LPS/RAPA $p = 0,0034$ RAPA/LPS vs LPS/RAPA $p = ns$
Tubular score injury			Overall Treatment Effect $p < 0,0001$ LPS 24h vs RAPA/LPS $p < 0,0001$ LPS 24h vs LPS/RAPA $p < 0,0001$ LPS 48h vs. RAPA/LPS $p < 0,0001$ LPS 48h vs. LPS/RAPA $p < 0,0001$ RAPA/LPS vs LPS/RAPA $p = ns$
Glomerular score injury			Overall Treatment Effect $p < 0,0001$ LPS 24h vs RAPA/LPS $p < 0,0001$ LPS 24h vs LPS/RAPA $p = 0,0002$ LPS 48h vs. RAPA/LPS $p < 0,0001$ LPS 48h vs. LPS/RAPA $p < 0,0001$ RAPA/LPS vs LPS/RAPA $p = ns$
Collagen III ISP/Area			Overall Treatment Effect $p < 0,0001$ LPS 24h vs RAPA/LPS $p < 0,0001$ LPS 24h vs LPS/RAPA $p < 0,0001$ LPS 48h vs. RAPA/LPS $p < 0,0001$ LPS 48h vs. LPS/RAPA $p < 0,0001$ RAPA/LPS vs LPS/RAPA $p < 0,0001$

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Parameter	Statistical Test Used	Time Points	Significant Findings (with Tukey Correction)
CD31 ⁺ αSMA ⁺ cells/HPF			Overall Treatment Effect p<0,0001 LPS 24h vs RAPA/LPS p<0,0001 LPS 24h vs LPS/RAPA p= 0,0007 LPS 48h vs. RAPA/LPS p<0,0001 LPS 48h vs. LPS/RAPA p<0,0001 RAPA/LPS vs LPS/RAPA p=ns
CD39 ISP/Area			Overall Treatment Effect p<0,0001 LPS 24h vs RAPA/LPS p<0,0001 LPS 24h vs LPS/RAPA p= ns LPS 48h vs. RAPA/LPS p<0,0001 LPS 48h vs. LPS/RAPA p=ns RAPA/LPS vs LPS/RAPA p<0,0001
CD39/βactin			Overall Treatment Effect p<0,0001 LPS 24h vs RAPA/LPS p=0,0002 LPS 24h vs LPS/RAPA p= ns LPS 48h vs. RAPA/LPS p<0,0001 LPS 48h vs. LPS/RAPA p=ns RAPA/LPS vs LPS/RAPA p<0,0001
Klotho ISP/Area			Overall Treatment Effect p<0,0001 LPS 24h vs RAPA/LPS p<0,0001 LPS 24h vs LPS/RAPA p= ns LPS 48h vs. RAPA/LPS p<0,0001 LPS 48h vs. LPS/RAPA p<0,0001 RAPA/LPS vs LPS/RAPA p=0,0072

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Parameter	Statistical Test Used	Time Points	Significant Findings (with Tukey Correction)
Klotho/ β actin			Overall Treatment Effect $p < 0,0001$ LPS 24h vs RAPA/LPS $p = 0,0010$ LPS 24h vs LPS/RAPA $p = \text{ns}$ LPS 48h vs. RAPA/LPS $p < 0,0001$ LPS 48h vs. LPS/RAPA $p = 0,0010$ RAPA/LPS vs LPS/RAPA $p = \text{ns}$