



Supplementary Materials: Implication of Polyhistidine, a Novel Apoptosis Inhibitor, in Inhibiting Lipopolysaccharide-Induced Apoptosis in Boar Sperm

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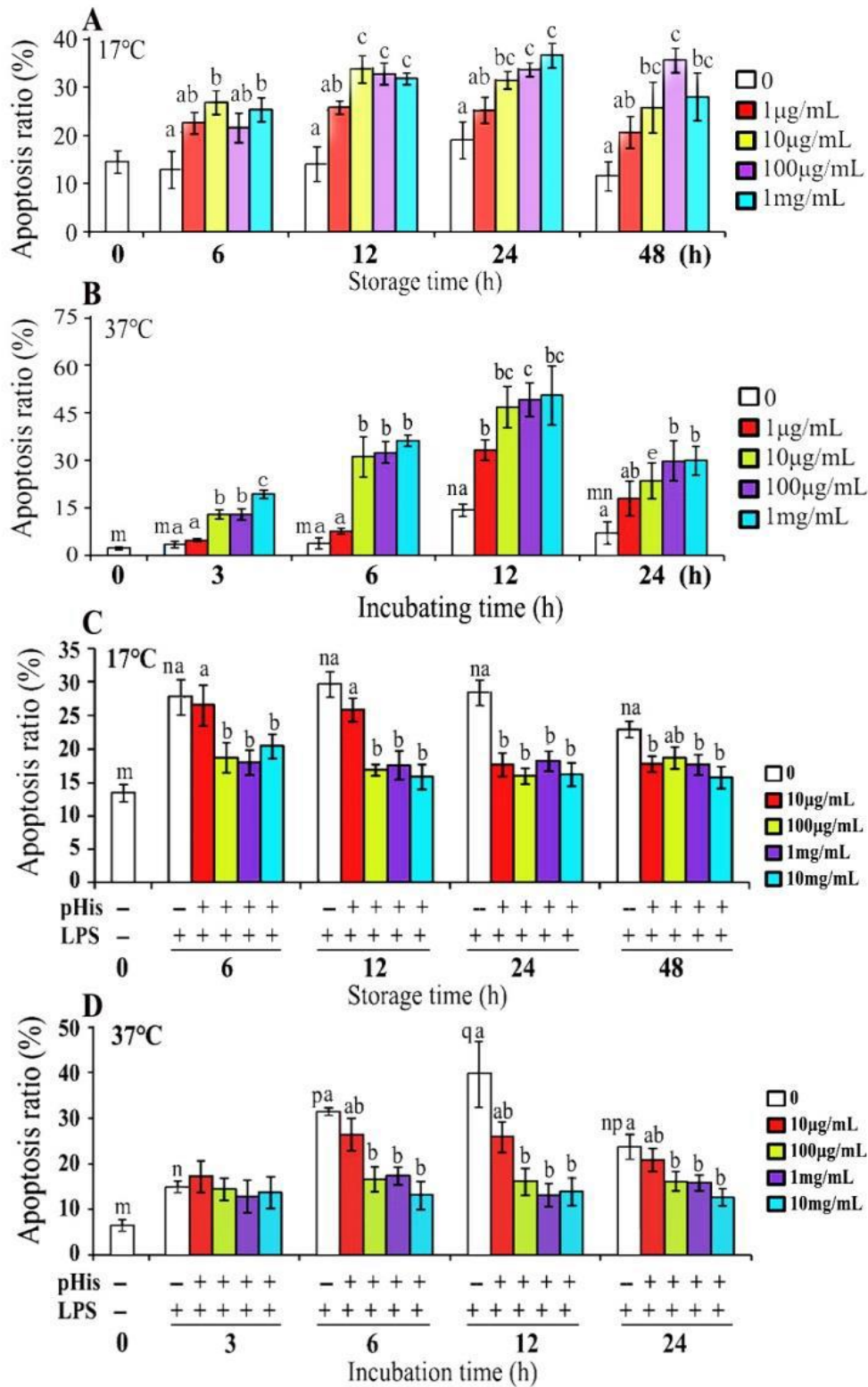


Figure S1. The preliminary experiment for determining the dosage Lipopolysaccharide (LPS) and Polyhistidine (pHis). A and C: Sperm apoptosis rate at 17 °C, B and D: Sperm apoptosis under 37 °C. In C and D, sperm was pre-incubated in different dosage of pHis for 30 min, and then added 10 µg/mL of LPS. a, b, c means the significant difference within the same time-point. m, n, p, q indicates the significant difference with time-course in 0 µg/mL of LPS (A and B) or 0 µg/mL of pHis (C and D). The results suggested that 10 µg/mL of LPS and 100 µg/mL of pHis is the appropriate dosage. 100 µg/mL of pHis and 10 µg/mL of LPS.