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Antioxidant and anti-inflammation of enzymatic-hydrolysis residue polysaccharides by *Lentinula edodes*

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**Antioxidant and anti-inflammation of enzymatic-hydrolysis residue  
polysaccharides by *Lentinula edodes***

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**Abbreviation:** Alanine aminotransferase: ALT; Alkaline phosphatase: ALP; Aspartate aminotransferase: AST; L-arabinose: L-Ara; Blood urea nitrogen: BUN; Catalase: CAT; Creatine kinase isoenzyme: CKMB; Creatinine: CRE; D-galactose: D-Gal; D-glucose: D-Glu; Enzymolysis Residue polysaccharides: ERPS; Gas chromatography- mass spectrometry: GC-MS; GSH peroxide: GSH-Px; Interleukin-1 $\beta$ : IL-1 $\beta$ ; Interleukin-6: IL-6; Lactic dehydrogenase: LDH; lipid peroxidation: LPO; Lipopolysaccharide: LPS; D-mannose: D-Man; malondialdehyde: MDA; Model control group: MC; Multiple organ dysfunction: MOD; Normal control group: NC; Positive control: PC; L-rhamnose: L-Rha; Reactive oxygen species: ROS; Residue polysaccharides: RPS; Superoxide dismutase: SOD; Total antioxidant capacity: T-AOC; Tumor necrosis factor-alpha: TNF- $\alpha$ ; Uric acid: UA.

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