

Table S1. The serum biochemical parameters of AST, ALB, and ALT after treatment. (n=10, $\bar{x} \pm s$)

Treatment groups	Dosage (mg/kg)	AST (U/L)	ALT (U/L)	ALB (U/L)
Healthy rats	-	165.30 $\pm$ 31.71 ^{##}	53.50 $\pm$ 3.98 ^{##}	31.47 $\pm$ 3.76 ^{##}
Livers fibrosis rats	-	416.10 $\pm$ 75.78 ^{**}	213.43 $\pm$ 70.36 ^{**}	16.65 $\pm$ 2.73 ^{**}
AA	32	304.90 $\pm$ 57.68	143.90 $\pm$ 21.90	18.09 $\pm$ 0.83
Colchicine	0.1	225.80 $\pm$ 46.06 ^{##}	75.33 $\pm$ 14.46 ^{##}	24.44 $\pm$ 4.25 ^{##}
AA-NLC	32	223.90 $\pm$ 22.37 ^{#*}	102.80 $\pm$ 18.50 ^{#*}	18.58 $\pm$ 0.67 ^{#*}
P-AA-NLC	16	217.17 $\pm$ 49.84 ^{##}	97.60 $\pm$ 36.82 ^{##}	20.92 $\pm$ 1.29 ^{##}
P-AA-NLC	32	161.33 $\pm$ 37.40 ^{##}	64.00 $\pm$ 12.25 ^{##}	28.80 $\pm$ 2.39 ^{##}

Note: Compared with the normal control group, ^{**} $P < 0.01$; Compared with model group, [#] $P < 0.05$, ^{##} $P < 0.01$; Compared with P-AA-NLC (32 mg/kg) group, ^{*} $P < 0.05$, ^{**} $P < 0.01$

Table S2. The Liver tissue biochemical parameters of MDA, HYP, and SOD after treatment. (n=10, $\bar{x} \pm s$)

Treatment groups	Dosage (mg/kg)	SOD (U/mg)	MDA (nM/mg)	HYP (μg/g)
Healthy rats	-	122.43 ± 21.66 ^{##}	3.34 ± 0.39 ^{##}	225.80 ± 18.40 ^{##}
Livers fibrosis rats	-	55.05 ± 8.80 ^{**}	7.27 ± 0.31 ^{**}	525.42 ± 23.72 ^{**}
AA	32	62.55 ± 8.32	5.27 ± 0.40	395.96 ± 48.33
Colchicine	0.1	106.03 ± 12.40 ^{##}	3.56 ± 0.43 ^{##}	270.41 ± 31.78 ^{##}
AA-NLC	32	74.05 ± 5.69 ^{#**}	5.08 ± 0.50 ^{#**}	375.91 ± 38.00 ^{##*}
P-AA-NLC	16	87.12 ± 7.02 ^{##}	3.94 ± 0.63 ^{##}	333.98 ± 47.68 ^{##}
P-AA-NLC	32	101.11 ± 12.60 ^{##}	3.79 ± 0.45 ^{##}	290.45 ± 29.85 ^{##}

Note: Compared with the normal control group, ^{**} $P < 0.01$; Compared with model group, [#] $P < 0.05$, ^{##} $P < 0.01$; Compared with P-AA-NLC (32 mg/kg) group, ^{*} $P < 0.05$, ^{**} $P < 0.01$