

Supporting information

Excess serum Na level in the rats administrated high doses of (–)-
epigallocatechin gallate-casein nanoparticles prepared with sodium
caseinate

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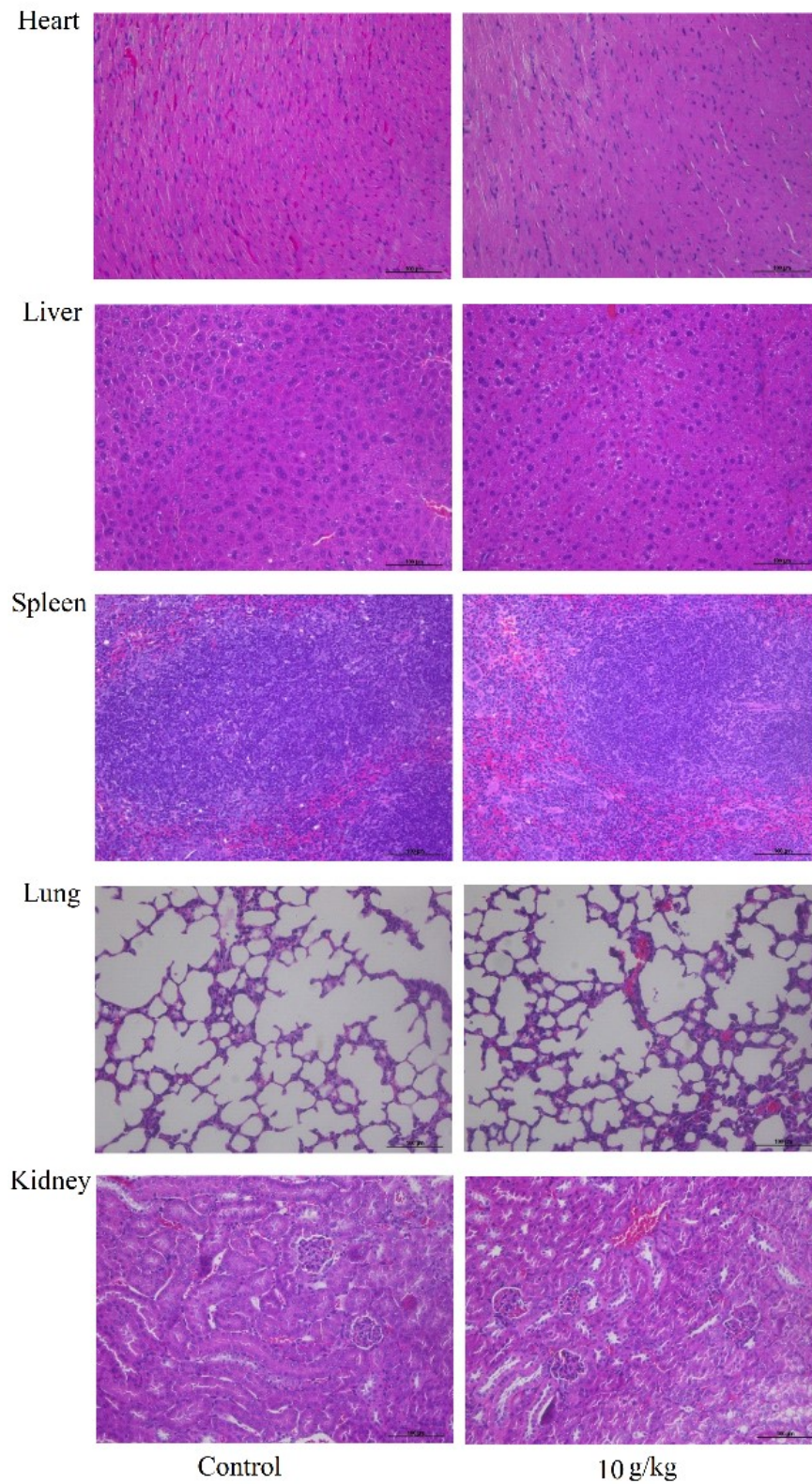


Fig. S1 Effects of the maximum dose of FD-EGCG-NPs on the organic tissues of the rats. Left column, control; right column, treated with 10 g/kg BW FD-EGCG-NPs. Photomicrographs (200× original magnification) of H&E stained sections of the organs.

Table S1 The results of urine test in female rats (Number, n=10)

Indicators	Degree	Negative control	FD-NPs		FD-EGCG-NPs	
			5.0 g/kg BW	10.0 g/kg BW	5.0 g/kg BW	10.0 g/kg BW
Glu	-	10	10	10	10	10
	+ -	0	0	0	0	0
	1+	0	0	0	0	0
PRO	-	0	0	0	0	0
	+ -	3	2	3	4	4
	1+	7	8	6	6	5
	2+	0	0	1	0	1
	3+	0	0	0	0	0
BLD	-	10	10	10	10	10
	+ -	0	0	0	0	0
	1+	0	0	0	0	0
SG	1.005	1	2	2	1	2
	1.010	6	4	7	9	6
	1.015	2	4	1	0	2
	1.020	1	0	0	0	0
	1.025	0	0	0	0	0
pH	5.5	0	0	1	0	2
	6.0	5	7	7	8	7
	6.5	0	0	0	0	0
	7.0	3	1	1	2	1
	7.5	2	2	1	0	0

Table S2 The results of urine test in male rats (Number, n=10)

Indicators	Degr ee	Negative control	FD-NPs		FD-EGCG-NPs	
			5.0 g/kg BW	10.0 g/kg BW	5.0 g/kg BW	10.0 g/kg BW
Glu	-	10	10	10	10	10
	+-	0	0	0	0	0
	1+	0	0	0	0	0
PRO	-	0	0	0	0	0
	+-	0	0	0	0	0
	1+	9	10	9	9	9
	2+	1	0	1	1	1
	3+	0	0	0	0	0
BLD	-	10	10	10	10	10
	+-	0	0	0	0	0
	1+	0	0	0	0	0
SG	1.005	0	0	0	0	0
	1.010	3	0	2	1	2
	1.015	3	5	5	4	6
	1.020	3	5	2	5	1
	1.025	1	0	1	0	1
pH	5.5	1	0	0	0	0
	6.0	2	3	5	5	6
	6.5	0	0	0	1	0
	7.0	3	4	1	3	0
	7.5	4	3	3	1	3
	8.0	0	0	1	0	1