

Supplemental Table 2

System toxicity - Serum analysis

Serum parameters	Empty liposome	Celecoxib liposome (15 mg/kg)	Plumbagin liposome (1.5 mg/kg)	CelePlum-777 (Celecoxib-15 mg/kg) + Plumbagin 1.5 mg/kg	
SGOT(AST) (110 - 247 u/L)	164 ± 7.5	169 ± 11	224 ± 12	137 ± 9	Liver function
SGPT(ALT) (33.4 - 132 u/L)	110 ± 13	91 ± 4.7	103 ± 20	103 ± 7	
ALKP (62.0 - 209 u/L)	123 ± 19	106 ± 15	94 ± 29	127 ± 18	
GLB (2.5 - 4.6 mg/dL)	5.2 ± 0.1	5.1 ± 0.1	4.8 ± 0.0	4.9 ± 0.2	
TPR (3.6 - 6.6 g/dL)	6.3 ± 0.1	6.4 ± 0.2	5.9 ± 0.2	5.9 ± 0.5	
TBIL (0.1 - 0.9 mg/dL)	0.3 ± 0.1	0.3 ± 0.0	0.3 ± 0.0	0.3 ± 0.1	
BUN (18 - 33.7 mg/dL)	20 ± 1.5	23 ± 2	21 ± 2.3	24 ± 0.3	Kidney function
CHOL (36 - 96 mg/dL)	88 ± 13	114 ± 14	81 ± 11	102 ± 10	Lipid profile
TRIG (55 - 144 mg/dL)	110 ± 17	134 ± 23	139 ± 10	64 ± 11	
GLU (198 - 232 mg/dL)	220 ± 7.8	237 ± 13	207 ± 8.7	231 ± 10	Glucose level
AMY (1691 - 3615 u/L)	2921 ± 123	2827 ± 48	3157 ± 91	2360 ± 120	
CAL (5.9 - 9.4 mg/dL)	10 ± 0.1	12 ± 0.2	10 ± 0.5	7.8 ± 2.4	
PHOS (6.1 - 10 mg/dL)	12 ± 0.7	9.7 ± 0.3	9.5 ± 0.3	8.8 ± 1.2	