

## Supplementary materials

**Table 10.** The influence of biocomposites administration on the AST, ALT and LDH activity. Values were presented as mean  $\pm$  S.D. for 6 animals in a group.

Groups		AST (U/mL)	ALT (U/mL)	LDH (U/mL)
Control	24 hrs	41.7 $\pm$ 2.72	95.3 $\pm$ 4.14	342.29 $\pm$ 44.55
	7 days	42.5 $\pm$ 3.07	96.5 $\pm$ 3.89	344.33 $\pm$ 41.37
PLA/PEG	24 hrs	43.7 $\pm$ 3.37	98.5 $\pm$ 5.46	345.72 $\pm$ 44.37
	7 days	44.8 $\pm$ 3.89	98.8 $\pm$ 4.33	349.15 $\pm$ 40.46
PLA/PEG/3CS	24 hrs	41.8 $\pm$ 2.89	95.5 $\pm$ 5.14	344.68 $\pm$ 41.33
	7 days	42.5 $\pm$ 3.37	96.4 $\pm$ 5.55	346.22 $\pm$ 43.72
PLA/PEG/6CS	24 hrs	41.3 $\pm$ 2.64	96.1 $\pm$ 5.46	344.75 $\pm$ 42.55
	7 days	43.8 $\pm$ 3.33	96.7 $\pm$ 5.25	347.67 $\pm$ 44.37
PLA/PEG/0.5R	24 hrs	43.5 $\pm$ 3.14	97.2 $\pm$ 3.89	345.45 $\pm$ 39.89
	7 days	44.6 $\pm$ 3.64	98.6 $\pm$ 5.72	347.83 $\pm$ 42.27
PLA/PEG/3CS/0.5R	24 hrs	42.4 $\pm$ 3.46	97.2 $\pm$ 5.89	345.29 $\pm$ 42.64
	7 days	43.9 $\pm$ 3.14	97.9 $\pm$ 6.05	347.43 $\pm$ 40.89
PLA/PEG/6CS/0.5R	24 hrs	42.7 $\pm$ 3.72	97.4 $\pm$ 5.33	345.52 $\pm$ 44.55
	7 days	43.9 $\pm$ 3.55	98.7 $\pm$ 6.14	348.83 $\pm$ 43.46

**Table 11.** The influence of biocomposites administration on the serum urea and creatinine concentration. Values were presented as mean  $\pm$  S.D. for 6 rats in a group.

Groups		urea (mg/dL)	creatinine (mg/dL)
Control	24 hrs	37.2 $\pm$ 3.37	< 0.1
	7 days	37.9 $\pm$ 4.55	< 0.1
PLA/PEG	24 hrs	38.8 $\pm$ 3.55	< 0.2
	7 days	39.6 $\pm$ 3.27	< 0.2
PLA/PEG/3CS	24 hrs	37.4 $\pm$ 3.89	< 0.2
	7 days	38.2 $\pm$ 4.64	< 0.1
PLA/PEG/6CS	24 hrs	37.6 $\pm$ 4.33	< 0.1
	7 days	39.1 $\pm$ 4.46	< 0.2
PLA/PEG/0.5 R	24 hrs	39.2 $\pm$ 4.64	< 0.2
	7 days	39.5 $\pm$ 3.37	< 0.2
PLA/PEG/3CS/0.5 R	24 hrs	39.3 $\pm$ 5.14	< 0.1
	7 days	39.8 $\pm$ 5.37	< 0.2
PLA/PEG/6CS/0.5 R	24 hrs	38.1 $\pm$ 4.27	< 0.2
	7 days	39.5 $\pm$ 5.55	< 0.2

**Table 12.** The influence of biocomposites administration on the serum complement level and the NBT test.

Groups		Complement	NBT test
Control	24 hrs	16.33 $\pm$ 1.55	53.73 $\pm$ 3.46

	<b>7 days</b>	16.48±1.37	53.65±3.55
<b>PLA/PEG</b>	<b>24 hrs</b>	17.07±0.89	53.85±4.05
	<b>7 days</b>	16.63±1.55	53.37±3.64
<b>PLA/PEG/3CS</b>	<b>24 hrs</b>	16.29±1.72	53.85±3.89
	<b>7 days</b>	16.73±1.33	53.45±3.72
<b>PLA/PEG/6CS</b>	<b>24 hrs</b>	16.85±1.55	53.25±3.64
	<b>7 days</b>	16.69±1.33	54.43±3.89
<b>PLA/PEG/0.5R</b>	<b>24 hrs</b>	17.03±0.83	54.19±4.17
	<b>7 days</b>	17.13±1.46	53.49±3.55
<b>PLA/PEG/3CS/0.5R</b>	<b>24 hrs</b>	17.22±2.04	54.39±4.14
	<b>7 days</b>	17.13±1.89	55.46±4.37
<b>PLA/PEG/6CS/0.5R</b>	<b>24 hrs</b>	17.19±1.37	55.74±4.33
	<b>7 days</b>	17.33±1.46	55.48±3.55