

# Accumulation and Effect of Silver Nanoparticles Functionalized with *Spirulina platensis* on Rats

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**Table S1.** Biochemical parameters of *Spirulina platensis* cultivated with and without addition of AgNPs.

<i>S. platensis</i>	Biomass, g/L	Proteins, %	Carbohydrates, %	Lipids, %	$\beta$ -carotene, %	Phycobiliproteins, %
Control	0.98 $\pm$ 0.11	67.4 $\pm$ 0.69	10.57 $\pm$ 0.12	4.8 $\pm$ 0.072	0.31 $\pm$ 0.06	14.2 $\pm$ 0.98
+ AgNPs	1.03 $\pm$ 0.026	64.7 $\pm$ 2.40	11.50 $\pm$ 0.80	4.6 $\pm$ 0.600	0.26 $\pm$ 0.05	12.4 $\pm$ 1.10

**Table S2.** Mass of the rats' organs collected at the end of 28-day experiments (g).

		Brain	Liver	Spleen	Kidney	Ovaries	Testicles
C1	M	1.57 $\pm$ 0.22	8.22 $\pm$ 0.7	0.67 $\pm$ 0.12	1.67 $\pm$ 0.09		2.45 $\pm$ 0.17
	F	1.62 $\pm$ 0.07	7.7 $\pm$ 0.8	0.8 $\pm$ 0.4	1.4 $\pm$ 0.28	0.14 $\pm$ 0.05	
C2	M	1.6 $\pm$ 0.08	8.1 $\pm$ 1.2	0.6 $\pm$ 0.14	1.55 $\pm$ 0.1		2.1 $\pm$ 0.4
	F	1.55 $\pm$ 0.21	7.2 $\pm$ 0.9	0.8 $\pm$ 0.4	1.4 $\pm$ 0.14	0.15 $\pm$ 0.07	
AgNPs	M	1.7 $\pm$ 0.08	8.45 $\pm$ 0.9	0.7 $\pm$ 0.18	1.7 $\pm$ 0.2		2.65 $\pm$ 0.1
	F	1.6 $\pm$ 0.14	7.2 $\pm$ 0.3	0.75 $\pm$ 0.14	1.5 $\pm$ 0.14	0.15 $\pm$ 0.07	
AgNPs-Sp	M	1.57 $\pm$ 0.15	8.3 $\pm$ 1.8	0.63 $\pm$ 0.15	1.73 $\pm$ 0.18		2.43 $\pm$ 0.15
	F	1.55 $\pm$ 0.07	7.0 $\pm$ 0.7	0.8 $\pm$ 0.07	1.45 $\pm$ 0.2	0.14 $\pm$ 0.05	