

Supplementary Materials

Green preparation and antibacterial activity evaluation of AgNPs-*Blumea balsamifera* oil nanoemulsion

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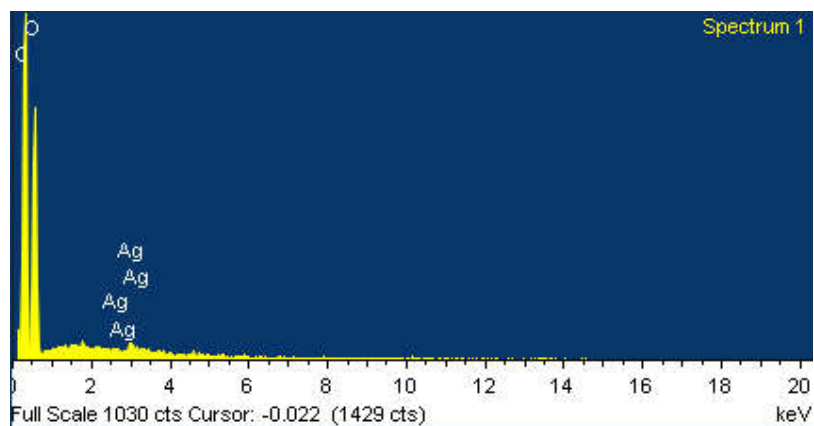


Figure S1. EDS elemental composition analysis of AgNPs-TS solution.

Table S1. Elemental composition analysis of AgNPs-TS solution.

Element	Weight%	Atomic%
C K	44.51	52.01
O K	54.56	47.86
Ag L	0.93	0.12
Totals	100.00	

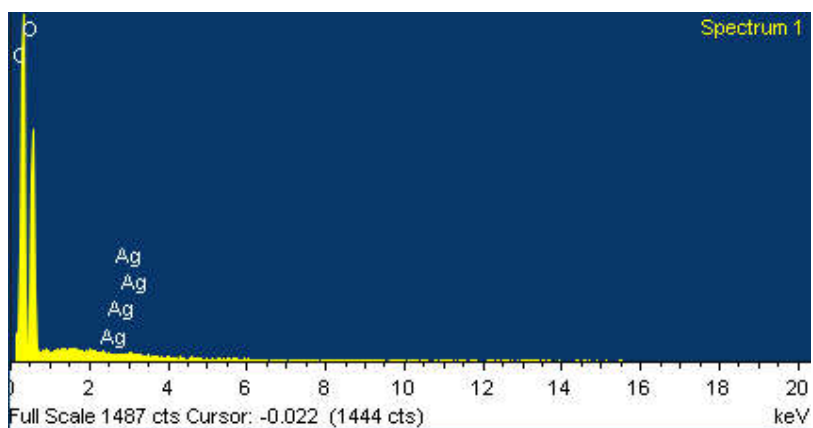


Figure S2. EDS elemental composition analysis of BBO-TS NE-2.

Table S2. Elemental composition analysis of BBO-TS NE-2.

Element	Weight%	Atomic%
C K	46.35	53.72
O K	53.13	46.22
Ag L	0.52	0.07
Totals	100.00	

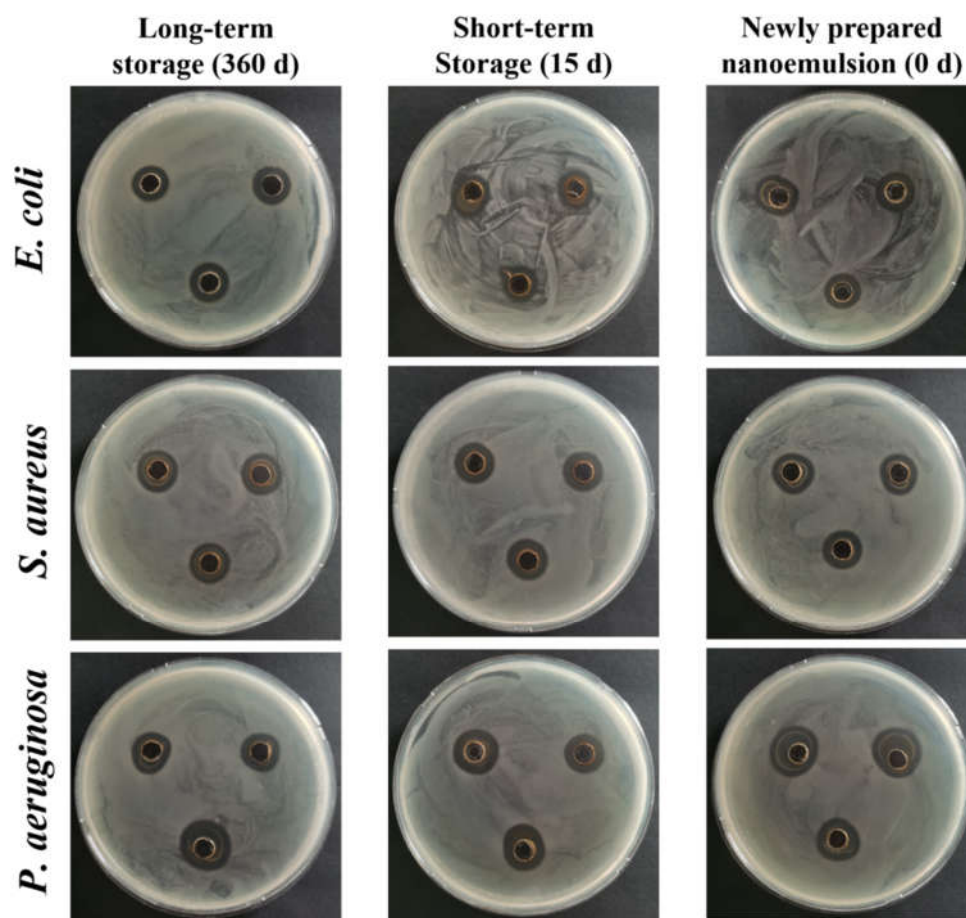


Figure S3. Pictures of inhibitory zones of AgNPs@BBO-TS NE on *E. coli*, *S. aureus*, and *P. aeruginosa* in different storage times (bacterial suspension 200 μ L, AgNPs@BBO-TS NE 20 μ L).

Table S3. BIC diameter of AgNPs@BBO-TS NE with different storage time to *E. coli*, *S. aureus*, and *P. aeruginosa* (bacterial suspension 200 μ L, AgNPs@BBO-TS NE 20 μ L).

Culture/Group	Bacteriostatic ring diameter (mm)		
	Long-term storage (360 d)	Short-term Storage (15 d)	Newly prepared nanoemulsion (0 d)
<i>E. coli</i>	13.3 \pm 0.51	13.2 \pm 0.54	13.5 \pm 0.41
<i>S. aureus</i>	14.3 \pm 0.24	14.8 \pm 0.38	14.6 \pm 0.85
<i>P. aeruginosa</i>	15.6 \pm 1.73	15.4 \pm 0.96	16.9 \pm 1.59