Electronic Supporting Information

for

Antibiofilm, Antimicrobial and cytotoxic activity of extracellular green synthesized silver nanoparticles by two marine-derived actinomycetes

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Figures

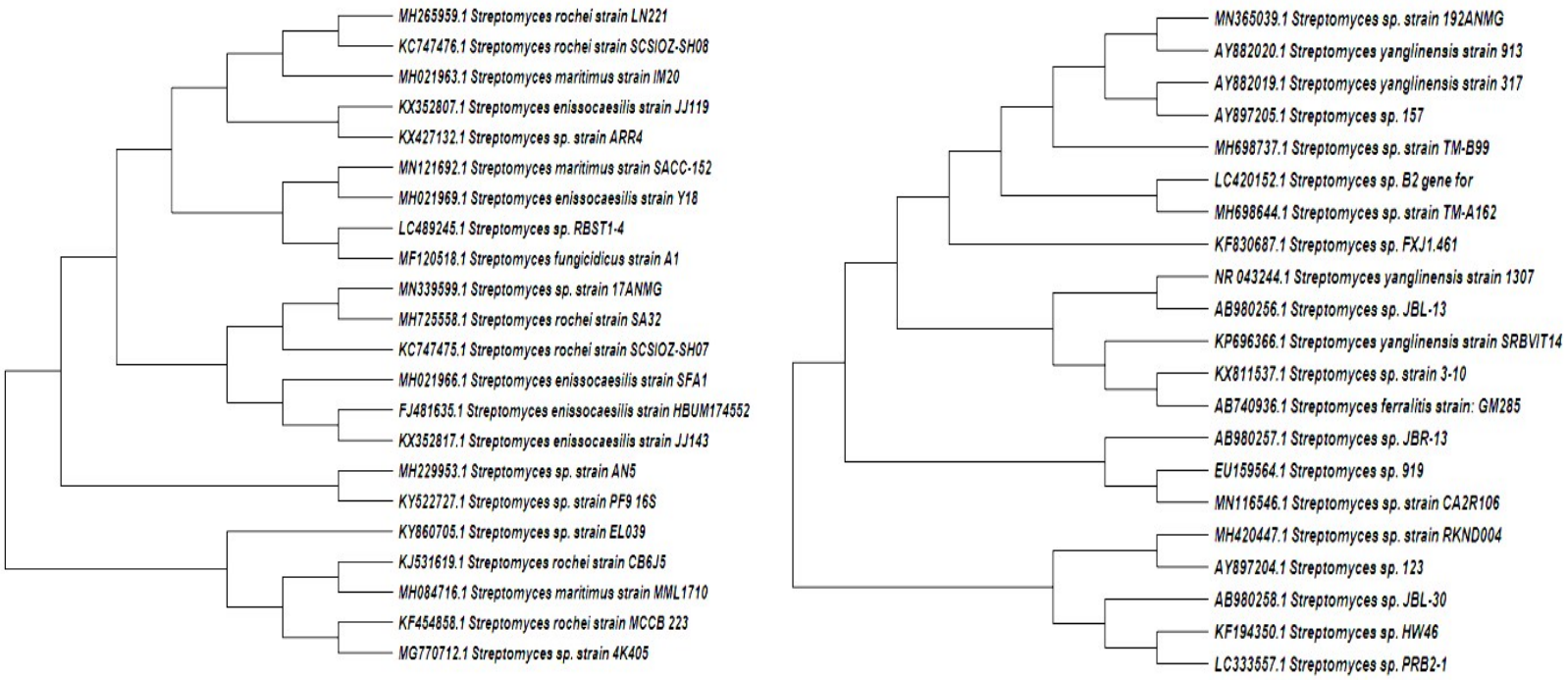

Fig. S1 Constructed tree using the Neighbour-Joining method to match the two bacteria 17ANMG and 192ANMG to already published sequences

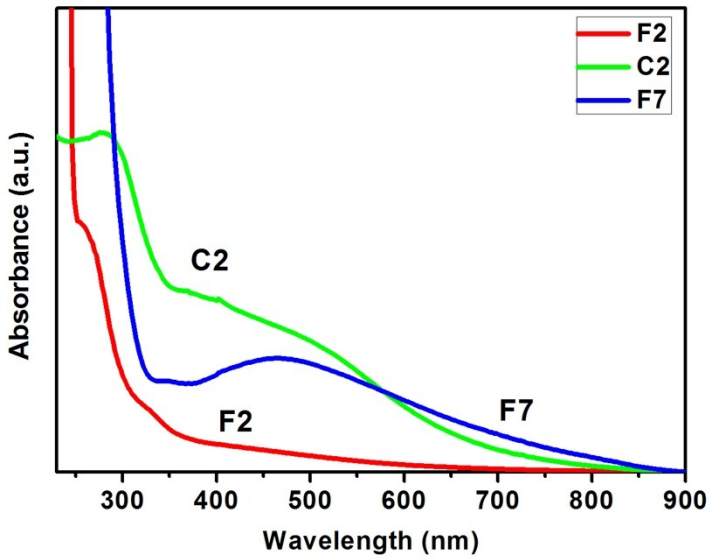

Fig. S2: Absorption spectra of Silver Nanoparticles synthesized in the presence of *Streptomycetes sp. 192ANMG* bacterial supernatant (F2), cellular filterate (C2), and *Streptomycetes sp. 17ANMG* supernatant (F7)

Tables

Table S1. Antibacterial effect of AgNPs produced by culture filtrates (F) and cell filtrate (C) on different pathogenic microbes

Test microbes	Zone of inhibition (cm)																	
	191ANMG		192ANMG		193ANMG		194ANMG		15ANMG		16ANMG		17ANMG		18ANMG		19ANMG	
	F1	C1	F2	C2	F3	C3	F4	C4	F5	C5	F6	C6	F7	C7	F8	C8	F9	C9
P. aeruginosa	0.85	1.10	**1.80**	1.03	1.45	0.70	1.45	0.70	1.45	0.90	1.2	1.08	**1.35**	0.68	1.1	0.75	0.38	0.75
E. coli	0.00	0.65	**0.90**	0.63	0.70	0.33	0.85	0.00	0.65	0.00	0.40	0.65	**0.68**	0.90	0.65	0.63	0.63	0.68
K. pneumonia	0.45	0.70	**0.70**	0.08	0.53	0.03	0.68	0.03	0.58	0.00	0.53	0.63	**0.68**	0.53	0.65	0.53	0.25	0.00
E. cloacae	1.40	1.25	**1.35**	1.40	1.50	1.35	1.60	1.20	1.55	1.25	1.48	1.70	**1.88**	0.65	1.53	0.60	1.30	1.05
C. albicans	0.53	0.65	**0.98**	0.73	1.00	0.63	0.85	0.53	0.83	0.55	0.85	0.95	**0.88**	1.05	0.80	1.00	0.08	0.83
B. subtilis	0.08	0.40	**0.63**	0.40	0.58	0.13	0.60	0.13	0.35	0.03	0.58	0.03	**0.68**	0.00	0.60	0.58	0.00	0.03
M. luteus	0.03	0.68	**0.58**	0.13	0.63	0.65	0.75	0.70	0.75	0.55	0.58	0.43	**0.70**	0.58	0.45	0.50	0.08	0.35
A. hydrophila	0.03	0.03	**0.18**	0.08	0.05	0.03	0.00	0.1	0.00	0.03	0.00	0.08	**0.00**	0.80	0.00	0.00	0.00	0.08
S. aureus	0.00	0.00	**0.05**	0.03	0.10	0.08	0.13	0.10	0.08	0.13	0.00	0.10	**0.00**	0.00	0.00	0.05	0.00	0.00
MRSA	0.00	0.70	**0.38**	0.58	0.40	0.60	0.48	0.60	0.08	0.55	0.35	0.53	**0.55**	0.58	0.50	0.53	0.00	0.15
Erwinia spp.	0.68	0.00	**0.98**	0.00	0.90	0.00	0.83	0.00	0.75	0.00	0.60	0.50	**0.80**	0.55	0.65	0.50	0.00	0.55

Comment [DANE]: Query: According to the Table S1, the codes and/or names of the bacterial isolates should be given.
Answer: Done