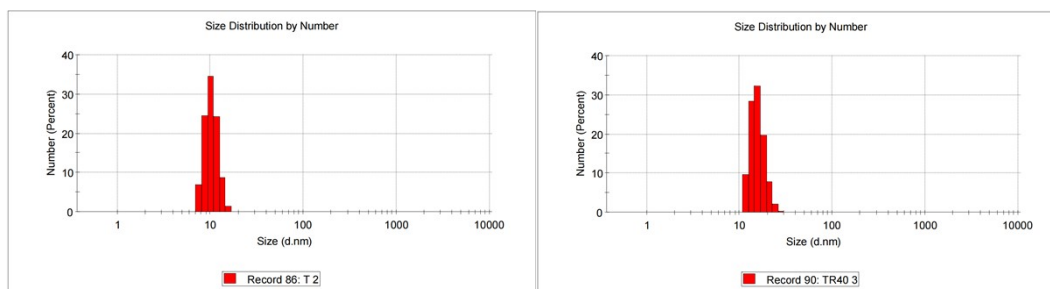
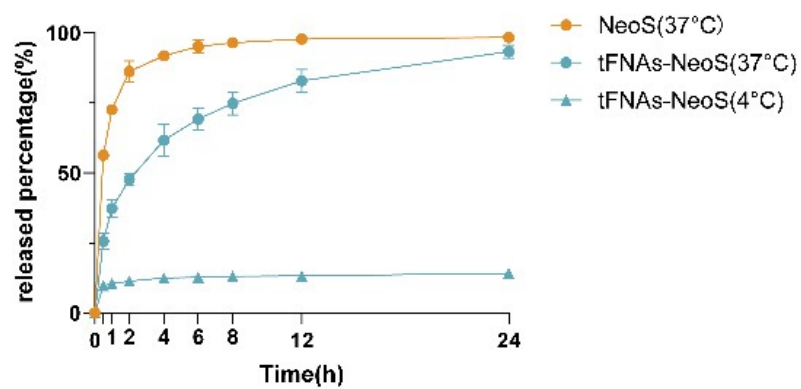


## Supporting Information



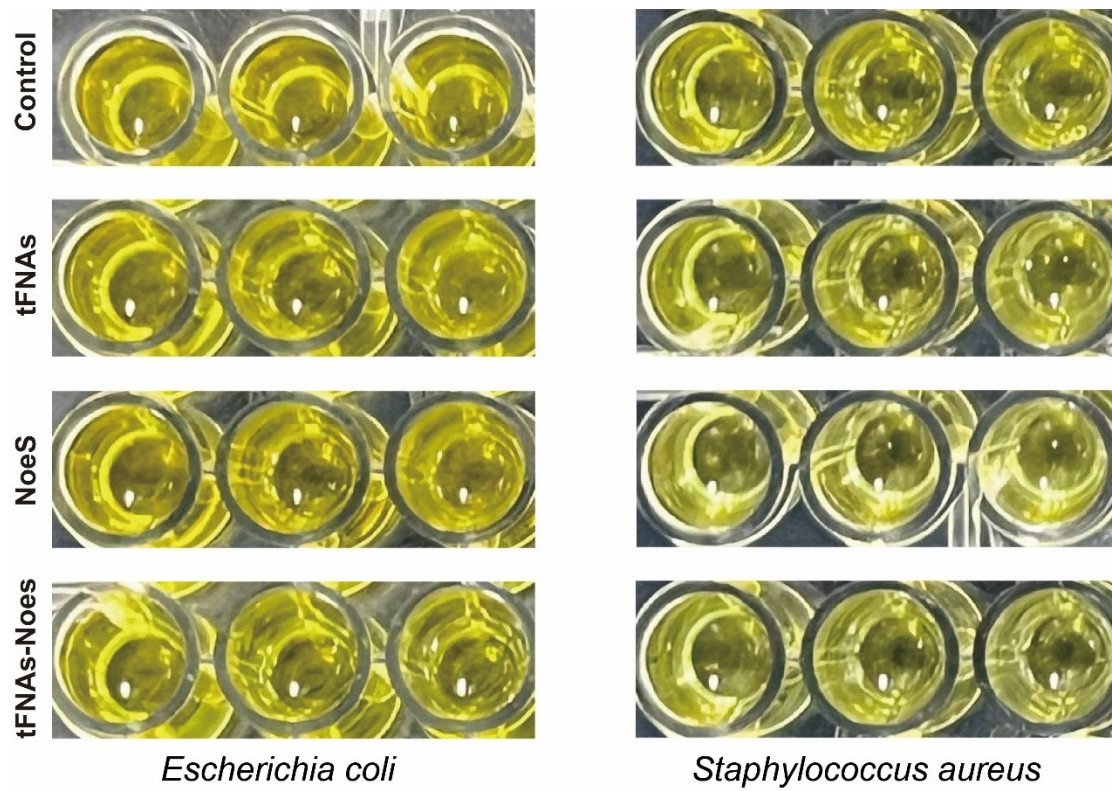
**Figure S1.** Some results of the dynamic light scattering assay.



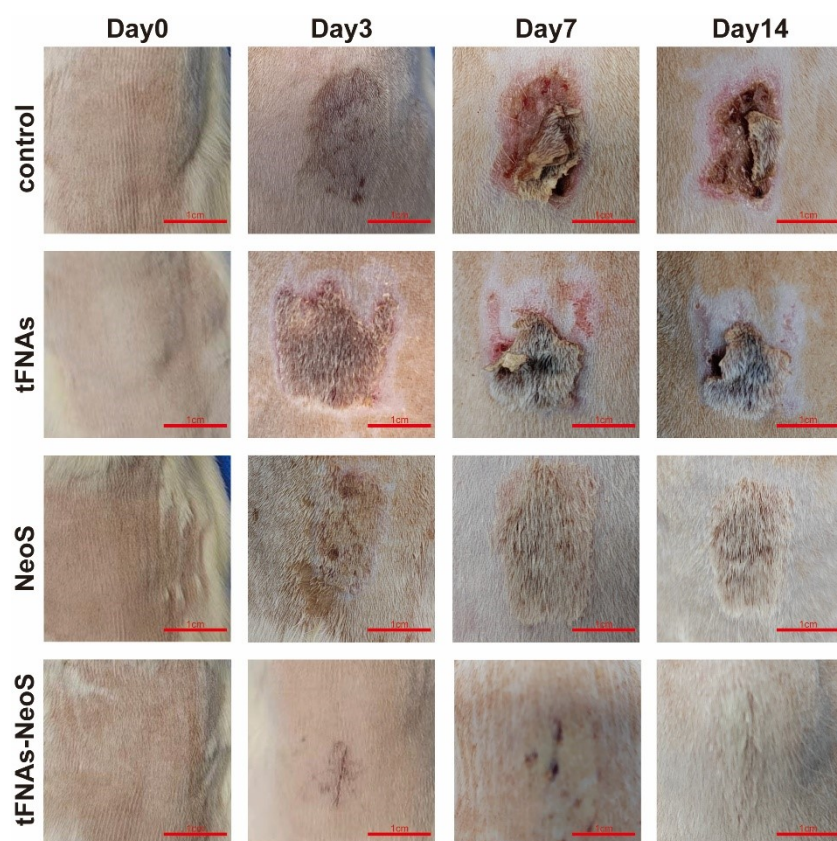
**Figure S2.** Drug release kinetics.

The minimal inhibition concentration (MIC) results of (tFNAs+NeoS)									
Group	Concentration of Neomycin Sulfate( $\mu$ g/ml)								
	0.2	0.4	0.8	1.2	1.6	2.0	2.5	5	10
<i>Escherichia coli</i>	+	+	+	+	+	+	+	-	-
<i>Staphylococcus aureus</i>	+	+	+	+	+	+	-	-	-
(-): Without bacteria growth; (+): With bacteria growth									

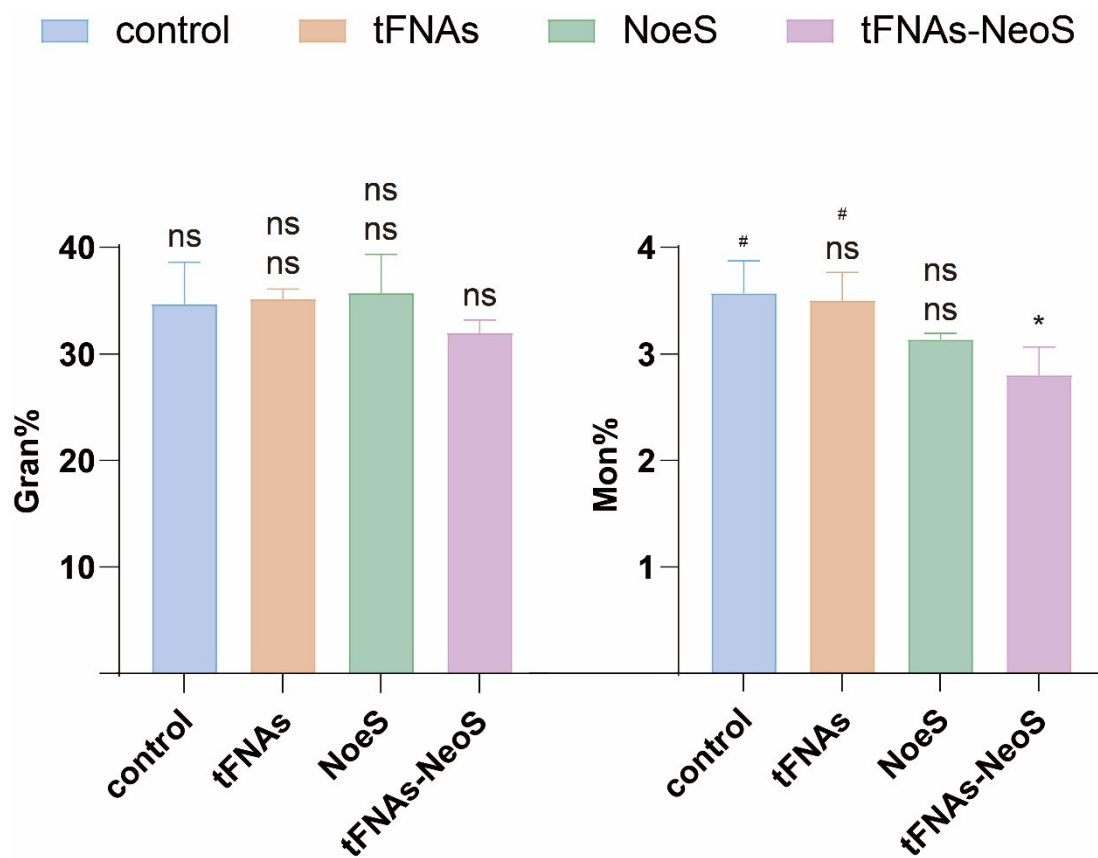
**Figure S3.** MIC results to exclude the possibility of synergistic effects.



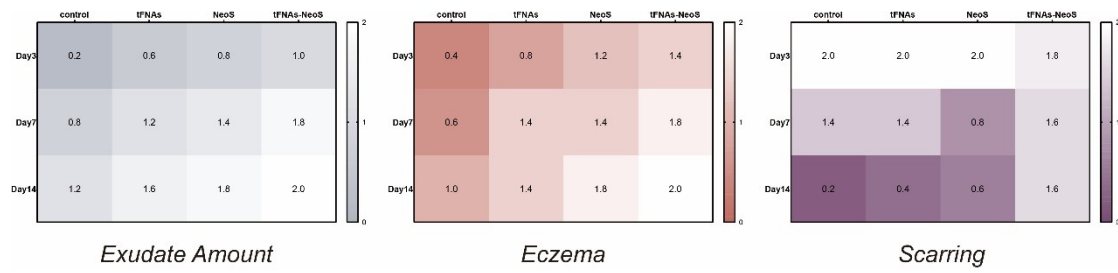
**Figure S4.** Photos of ONPG test to explore leakage of  $\beta$ -galactosidase.



**Figure S5.** Photos of burn wounds.



**Figure S6.** Other blood routine results of rats.



**Figure S7.** Other heat maps of wound scores.