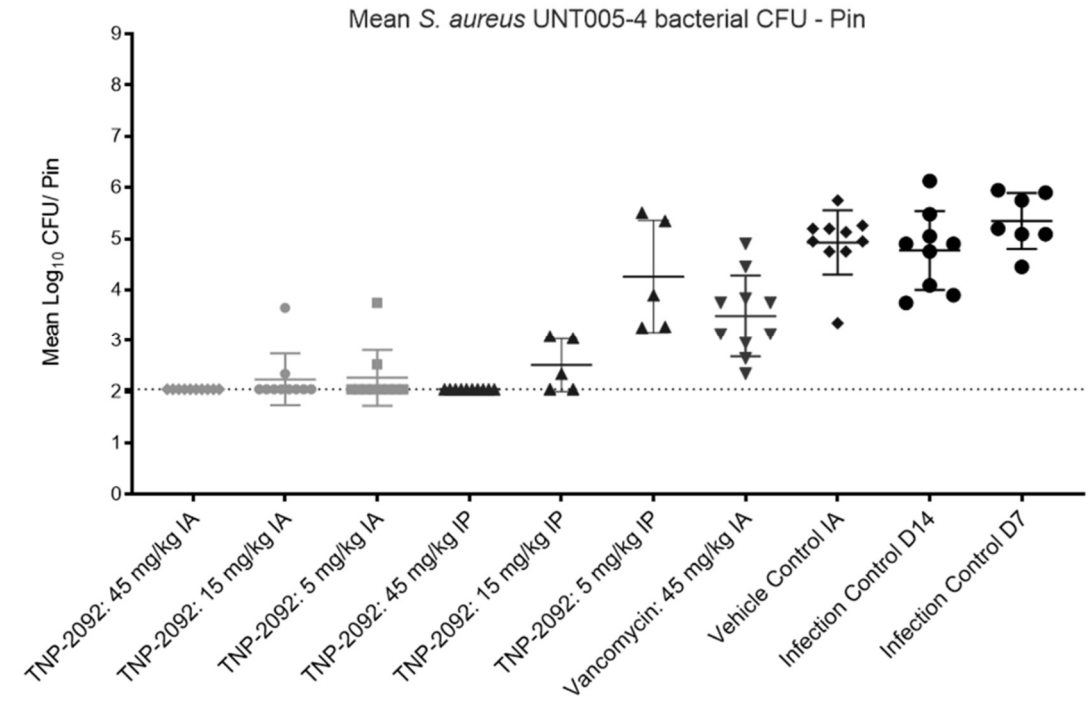
Mean S. aureus UNT005-4 bacterial CFU - Pin
Mean Log10 CFU/ Pin
0
1
2
3
4
5
6
7
8
9
TNP-2092: 45 mg/kg IA
TNP-2092: 15 mg/kg IA
TNP-2092: 5 mg/kg IA
TNP-2092: 45 mg/kg IP
TNP-2092: 15 mg/kg IP
TNP-2092: 5 mg/kg IP
Vancomycin: 45 mg/kg IA
Vehicle Control IA
Infection Control D14
Infection Control D7

Fig. 1A

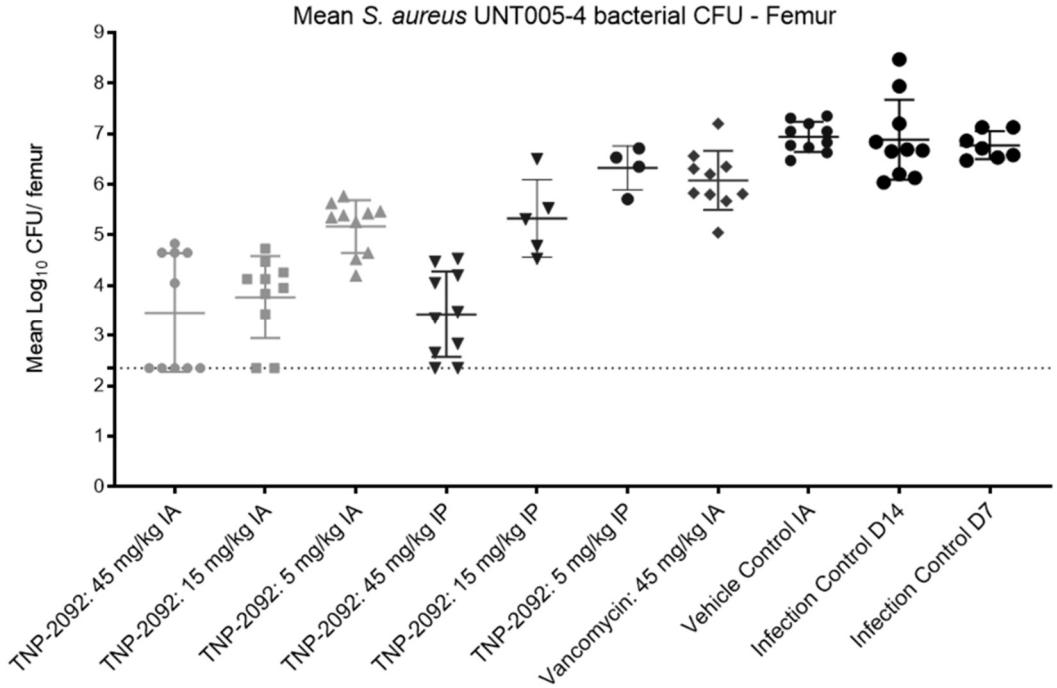
Mean S. aureus UNT005-4 bacterial CFU - Femur
Mean Log10 CFU/ femur
0
1
2
3
4
5
6
7
8
9
TNP-2092: 45 mg/kg IA
TNP-2092: 15 mg/kg IA
TNP-2092: 5 mg/kg IA
TNP-2092: 45 mg/kg IP
TNP-2092: 15 mg/kg IP
TNP-2092: 5 mg/kg IP
Vancomycin: 45 mg/kg IA
Vehicle Control IA
Infection Control D14
Infection Control D7

FIG. 1B

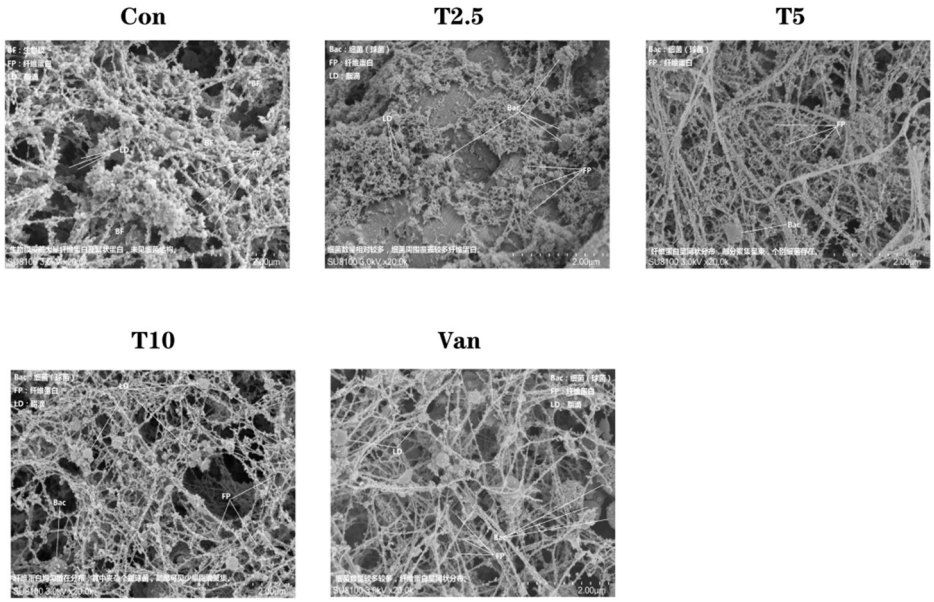

FIG. 2A

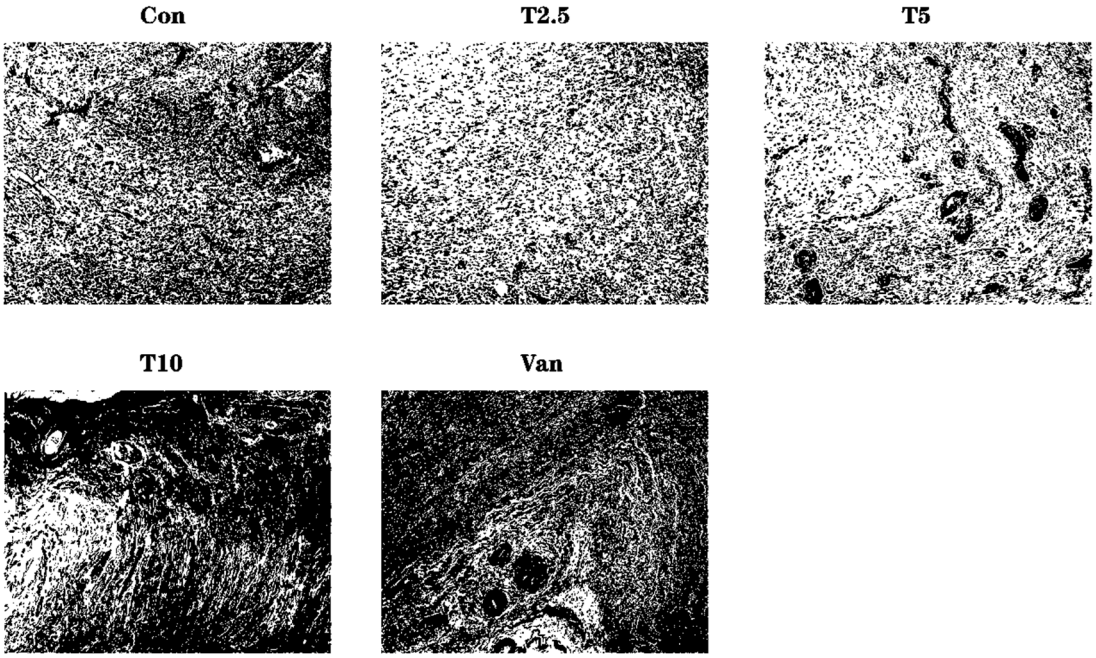

FIG. 2B

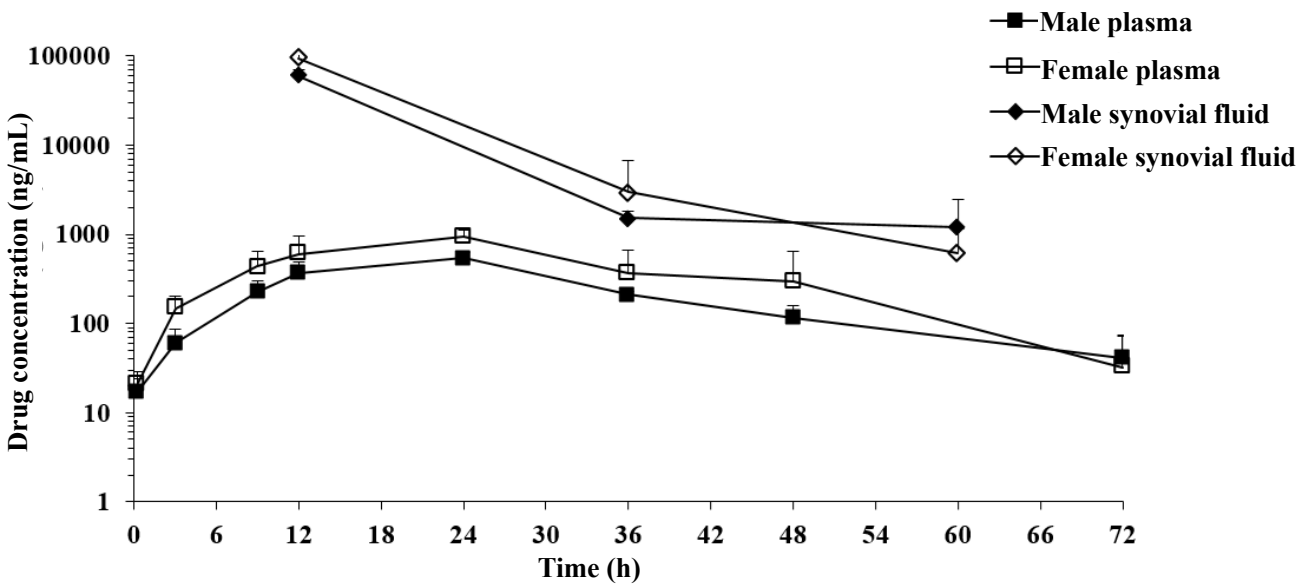
Male plasma
Female plasma
Male synovial fluid
Female synovial fluid
Drug concentration (ng/mL)
100000
10000
1000
100
10
1
0
6
12
18
24
30
36
42
48
54
60
66
72
Time (h)

FIG. 3