

Table S3 | Experimental results of model validation regression

	experimental					mean value	predicted
	1	2	3	4	5		
numbers of viable bacteria ($\times 10^{10}$ CFU/mL)	2.03	2.30	2.02	2.51	1.99	2.17	1.91
bacteriostatic titers (mm/mL)	156.40	154.73	152.13	153.87	148.53	153.13	151.58