

Supplementary Materials for **Ceftazidime-avibactam has potent sterilizing activity against highly drug-resistant tuberculosis**

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Published 30 August 2017, *Sci. Adv.* **3**, e1701102 (2017)
DOI: 10.1126/sciadv.1701102

The PDF file includes:

- fig. S1. Relationship between % T_{MIC} and TTP.
- table S2. Pharmacokinetic parameter input into PRIOR versus parameters achieved in 10,000 simulated patients.

Other Supplementary Material for this manuscript includes the following:
(available at advances.sciencemag.org/cgi/content/full/3/8/e1701102/DC1)

- table S1 (Microsoft Excel format). List of mutations in 12 CAV-resistant *Mtb* strains.

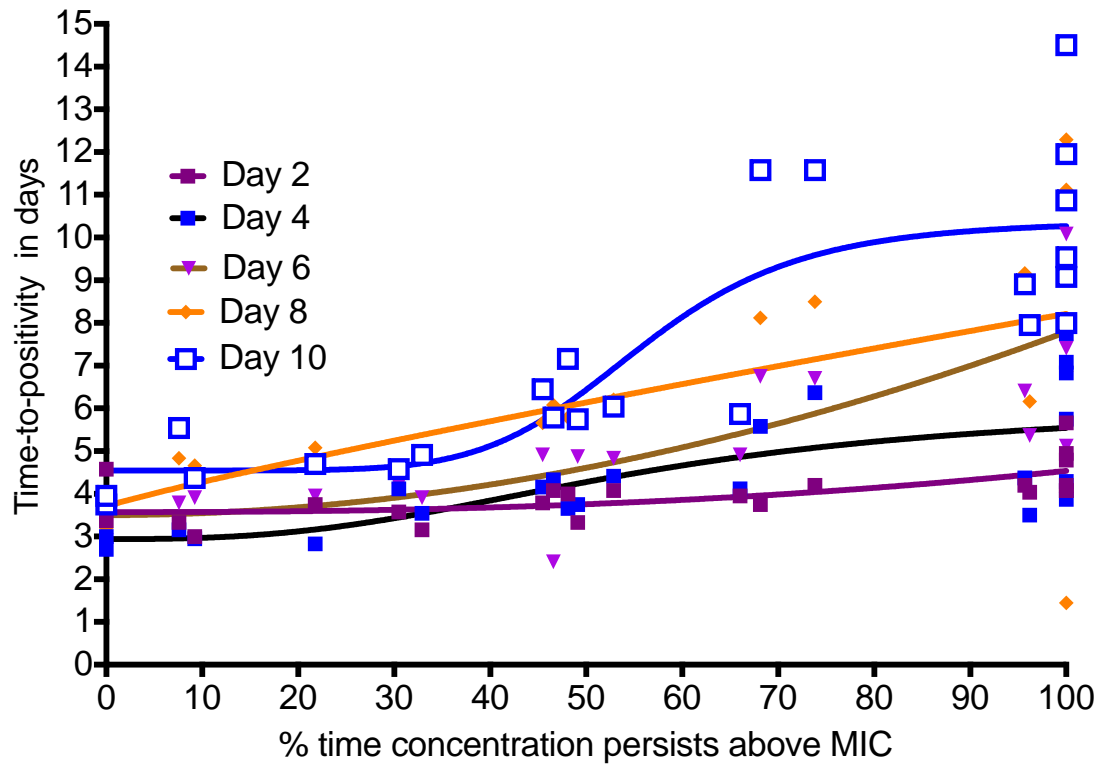


fig. S1. Relationship between % T_{MIC} and TTP. The bacterial burden, expressed as TTP was modeled versus percentage of time that concentration persists above MIC for each day of sampling.

table S2. Pharmacokinetic parameter input into PRIOR versus parameters achieved in 10,000 simulated patients.

	Observed/entered into domain of input		10,000 simulated patients	
	Parameter estimate	Inter-individual variability (%CV)	Parameter estimate	Inter-individual variability (%CV)
CHILDREN				
<i>Ceftazidime</i>				
Clearance (L/hr)	5.6	16.0	5.6	18.8
Volume (L)	13.0	17.8	13.0	11.9
<i>Avibactam</i>				
Clearance (L/hr)	8.9	30.2	8.9	18.3
Volume (L)	19.3	27.0	19.2	11.7
ADULTS				
<i>Ceftazidime</i>				
Clearance (L/hr)	6.86	15.0	6.85	14.8
Volume (L)	17.0	16.0	16.99	9.9
<i>Avibactam</i>				
Clearance (L/hr)	13.1	20.0	13.1	12.4
Volume (L)	22.2	18.0	22.2	9.0