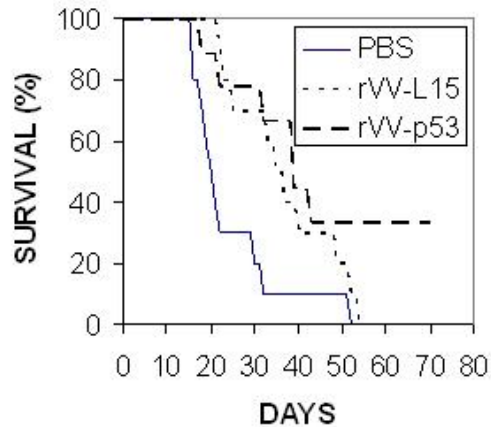


Treatment Groups	Long-term Survivors	
	Number	%
1. PBS (n=10)	0	0
2. rVV-L15 (n=10)	0	0
3. rVV-TK-53 (n=9)	3	33.3



Survival of bladder tumor-bearing mice after recombinant vaccinia virus therapy. Mice were implanted intravesically with MB-49 bladder cancer cells, and on day 4 tumor-bearing mice were treated by a single inoculation of rVV-L15, rVV-p53 (rVV-TK-53), or PBS (mock). Cohorts (n=9-10) were monitored for survival until day 70. Effect of vaccinia virus expressing p53 was superior to the vector virus (rVV-L15) and control (PBS).