Table I. Initial conditions and parameters fitted by a weighted nonlinear least-square fit to experimental data for HA shifted by $\tau \cong 12$ h and time-delay model with $\tau = 4.5$ h.

Parameter	Initial value[a]	Best fit to data[b]	Unit
k_{cdf}	0.001	0.001	h^{-1}
μ_{max}	0.03	0.03	h^{-1}
k_{vi}	0.002	0.0014	$mL^{*}h^{-1}$
k_{va}	1	0.8	$mL^{*}h^{-1}$
μ_{vir}	420	482	h^{-1}
k_{cdv}	0.03	0.0257	h^{-1}
k_{vd}	0.003	0.009	h^{-1}

*Maximum cell concentration at $C_{max} = 1.2 \cdot 10^6$ cells/mL and $(x_0, y_0, v_0)^T = (1.2 \cdot 10^6, 0, 2.6 \cdot 10^7)^T$ at time $t_0 = 0$.

[a]From experiments.

[b]Weighted nonlinear least-square curve fit.