

Effect of a within-host heterogeneous environment on viral
dynamics and the drug efficacy

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Given the complexity of the human body, it is essential to regard the host body as composed of multiple compartments and to explore the effect of connection between compartments on the infection. Understanding how the heterogeneous environment affect the viral dynamics within a host and even the drug efficacy is significant in administrating a drug therapy. The study provides a method determining the optimum to distribute drugs in the multi-compartmental environment.

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