

Accepted Manuscript

Title: Interdependence of bacterial cell division and genome segregation and its potential in drug development

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PII: S0944-5013(17)30874-1
DOI: <https://doi.org/10.1016/j.micres.2017.12.013>
Reference: MICRES 26116

To appear in:

Received date: 3-9-2017
Revised date: 5-12-2017
Accepted date: 31-12-2017

Please cite this article as: Misra Hari S, Maurya Ganesh K, Chaudhary Reema, Misra Chitra S. Interdependence of bacterial cell division and genome segregation and its potential in drug development. *Microbiological Research* <https://doi.org/10.1016/j.micres.2017.12.013>

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Interdependence of bacterial cell division and genome segregation and its potential in drug development

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Abstract

Cell division and genome segregation are mutually interdependent processes, which are tightly linked with bacterial multiplication. Mechanisms underlying cell division and the cellular machinery involved are largely conserved across bacteria. Segregation of genome elements on the other hand, follows different pathways depending upon its type and the functional components encoded on these elements. Small molecules, that are known to inhibit cell

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