Bacterial Virulence: Basic Principles, Models and Global Approaches

Starting with basic principles, this reference and handbook discusses examples of the most advanced models of bacterial infection with regard to their value as paradigms to understand the molecular cross talks between microbes and their host and tissue targets. It adopts a very forward-looking, advanced approach, placing special emphasis on the main global challenges facing scientists today, such as pathogenicity vs. commensalisms, infections in immunocompromised hosts and species specificity issues.

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