

about the book . . .

Detailing the diverse ways bacterial toxins subvert cellular metabolism and signalling, this **state-of-the-art** reference describes the structure and function of bacterial toxins and presents a **comprehensive** review of virulence factors—providing the latest information concerning cell physiology and biochemistry, as well as **new** toxin tools for experimental studies and clinical therapy.

Containing expert contributions from more than **50** internationally acclaimed authorities in their respective fields, **Volume 8: Bacterial Toxins and Virulence Factors in Disease** delineates the common features of bacterial toxins with ADP-ribosylating activity . . . reviews the biosynthesis and function of diphthamide in elongation factor 2 . . . investigates the biogenesis of toxins responsible for causing cholera and related diarrheal diseases . . . covers the pathogenicity of *Escherichia coli* bacteria at the molecular level . . . elucidates the physicochemical and biological characteristics of *Clostridium difficile* toxins . . . examines the mechanisms by which pertussis toxin is synthesized, assembled, secreted, and introduced into eukaryotic cells . . . explores the role of bacterial toxins in septic shock . . . and more.

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