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Expression and the Adaptive Response: From Pathogenesis to Vaccines and Antimicrobials
Challenge of Investigating Biologically Relevant Functions of Virulence Factors in Bacterial Pathogens
Virulence Gene Regulation Inside and Outside
; Evidence for Operation in Vivo of Aspects of Pathogenicity Revealed by Recent Work in Vitro: Potential Use of New Methods
Quorum Sensing and the Population-dependent Control of Virulence
Type III Secretion: A Bacterial Device for Close Combat with Cells of Their Eukaryotic Host
; Evolution of Microbial Pathogens ; The
Immune Responses to Bacterial Antigens Encountered in Vivo at Mucosal Surfaces
; Index

Sommario/riassunto

Pathogenic bacteria have unique biological properties, which enable them to invade a host and cause sickness. The molecular bases of these biological properties are the determinants of pathogenicity, and the research objectives are to recognize them, identify them chemically and relate their structure to function. Most of our present knowledge comes from studies with cultures *in vitro*. However, there is a rising interest in bacterial behaviour in the infected host and new methods have been developed for studying it. This book describes those methods and shows how they, and a recent sur
