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The Virulence of *Escherichia coli*: Reviews and Methods
Edited by M. Sussman (University of Newcastle upon Tyne, UK)

Escherichia coli is a versatile bacterium. Non-pathogenic strains have provided geneticists and biochemists with a means of elucidating metabolic pathways, protein and nucleic acid synthesis, enzyme induction and the role of DNA in heredity. Pathogenic strains can produce severe diseases in man and animals and remain, to an extent, an enigma.

The first part of this book reviews current notions about the virulence determinants and mechanisms of pathogenesis of diseases due to *E. coli*. The genetics of virulence, immunological reactions and the potential of vaccines are also discussed. The second part of the book consists of seventeen chapters that describe methods, otherwise widely dispersed in the literature, for the study of *E. coli* virulence factors.

Microbiologists, clinicians, medical and veterinary research workers, particularly those new to *coli* virulence studies, will find much of interest in this volume.

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