Clostridia
Molecular Biology in the Post-genomic Era

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x + 230 pp, January 2009
978-1-904455-38-7 $31/£15

In this book internationally recognised Clostridium experts critically review the most important aspects of current research, providing the first coherent picture of the organism's molecular and cellular biology in this post-genomic era. The first major focus of the book is the genetics and molecular biology of the major clostridial toxins including: botulinum and tetanus neurotoxins, Clostridium difficile large exotoxins, Clostridium perfringens enterotoxin, pore-forming and binary bacterial toxins. Other topics include: molecular epidemiology of C. botulinum and C. difficile, metabolic networks in C. acetobutylicum, development of genetic knock-out systems for clostridia, surface structures, anti-tumor potential of clostridia, and antibiotic resistance determinants in C. difficile.

Essential reading for every clostridia researcher, from the PhD student to the experienced scientist.

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Available November 2008
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