

Clostridia

Molecular Biology in the Post-genomic Era

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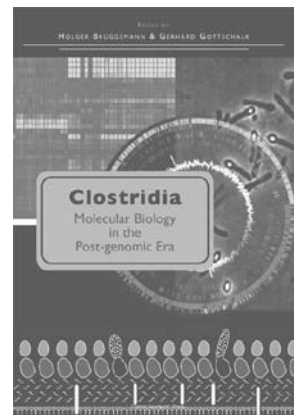
²Göttingen Genomics Laboratory, Göttingen, Germany

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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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