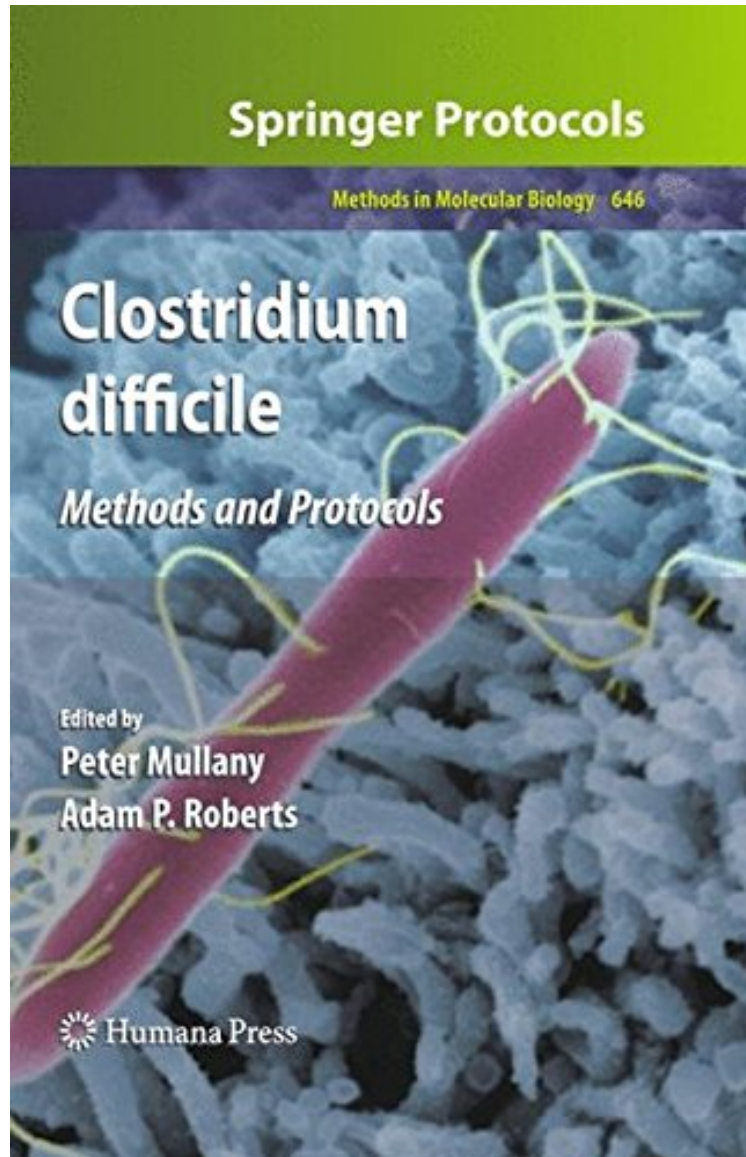


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## Clostridium difficile: Methods and Protocols (Methods in Molecular Biology)

*From Humana Press*

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**From Humana Press : Clostridium difficile: Methods and Protocols (Methods in Molecular Biology)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Clostridium difficile: Methods and Protocols (Methods in Molecular Biology):

*Clostridium difficile*, a major nosocomial pathogen shown to be a primary cause of antibiotic-associated disease, has emerged as a highly transmissible and frequently antibiotic-resistant organism, causing a considerable burden on health care systems worldwide. In *Clostridium difficile: Methods and Protocols*, expert researchers bring together the most recently developed methods for studying the organism, including techniques involving isolation, molecular typing, genomics, genetic manipulation, and the use of animal models. Written in the highly successful *Methods in Molecular Biology* series format, chapters include brief introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes highlighting tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, *Clostridium difficile: Methods and Protocols* serves as an ideal guide for scientists now in a position to gain an in-depth understanding of how this organism is transmitted and how it causes disease.

From the reviews: This book describes a variety of research methods used to investigate the pathogenic properties of *Clostridium difficile*, a major nosocomial pathogen that causes a severe diarrhea after prolonged antibiotic treatment. This book would be useful to scientists working with bacteria such as *C. difficile* that cause toxin-mediated diseases in the colon of their host. This is a technical book that provides essential methods and techniques to study devastating diseases due to *Clostridium difficile*. (Rebecca T. Horvat, Doodys Service, October, 2010)

From the Back Cover *Clostridium difficile*, a major nosocomial pathogen shown to be a primary cause of antibiotic-associated disease, has emerged as a highly transmissible and frequently antibiotic-resistant organism, causing a considerable burden on health care systems worldwide. In *Clostridium difficile: Methods and Protocols*, expert researchers bring together the most recently developed methods for studying the organism, including techniques involving isolation, molecular typing, genomics, genetic manipulation, and the use of animal models. Written in the highly successful *Methods in Molecular Biology* series format, chapters include brief introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes highlighting tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, *Clostridium difficile: Methods and Protocols* serves as an ideal guide for scientists now in a position to gain an in-depth understanding of how this organism is transmitted and how it causes disease.