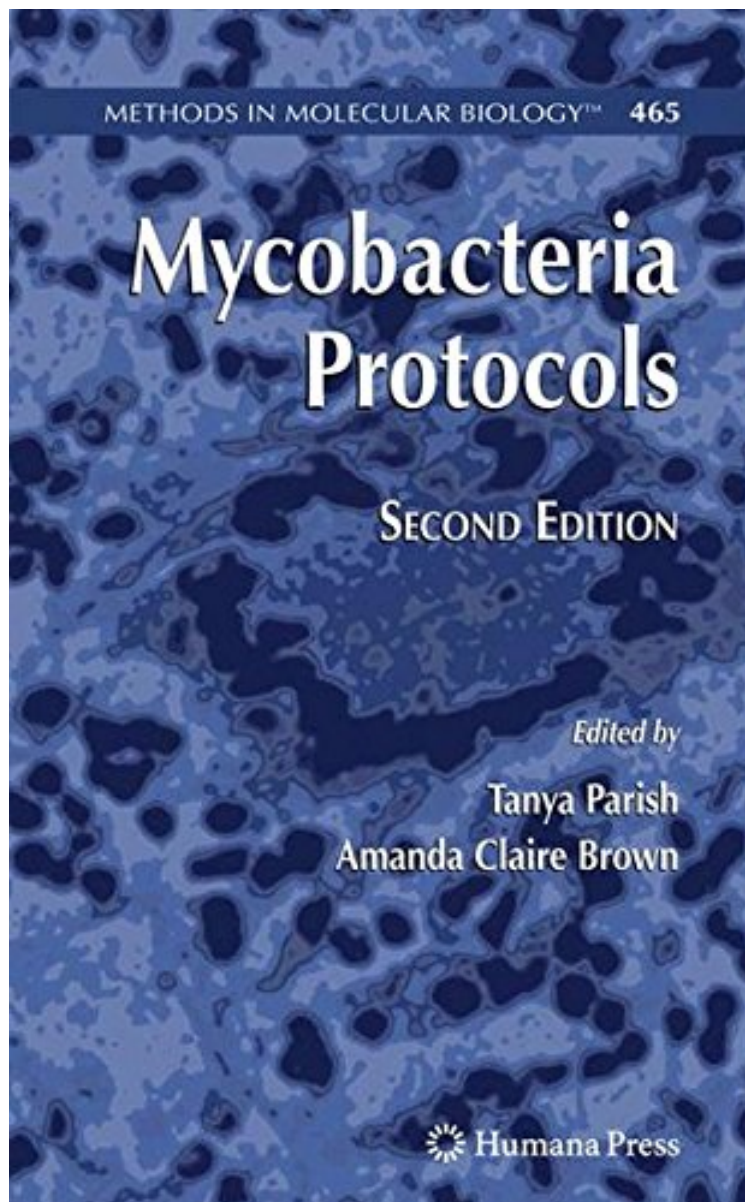


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Mycobacteria Protocols (Methods in Molecular Biology)

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

2 of 2 people found the following review helpful. The first Methods in Mycobacterial molecular biology. By Dr.

Yossef Av-Gay (yossi@unixg.ubc.ca) Mycobacteria protocols edited by Parish and Stoker provide the first mycobacterial method booklet since the introduction of molecular biology and bioinformatics to the field of mycobacterial research. Although this collection of protocols is too broad as a source of protocols to the clinical microbiologist or the bench basic scientist it provides an excellent source of start up points, references and knowledge to people working in the field of mycobacteria.

Due to the rising threat of tuberculosis and other mycobacterial infections, methods to study the biology of the mycobacteria and to improve diagnostic, therapeutic and preventative reagents are still very much in need. Mycobacteria Protocols, Second Edition updates and refines the methods of the well-received first edition while adding newly developed methods culled from the most cutting-edge research in the field. Ranging from the basics of sub-cellular fractionation to advanced methods using specialized growth conditions and whole genome, transcriptome and proteome analysis, the chapters conform to the Methods in Molecular Biology series format, providing step-by-step laboratory protocols, lists of necessary materials and reagents, and tips on troubleshooting and avoiding known pitfalls. Comprehensive and up-to-date, Mycobacteria Protocols, Second Edition is the perfect resource to promote and stimulate further research into these intriguing, important and most fractious of bacteria.

Aus den Rezensionen zur 2. Auflage: "... Fast zehn Jahre nach der ersten Ausgabe ist eine vollständige Bearbeitung erfolgt und zahlreiche Methoden erscheinen erstmalig. Eine übersichtliche Gliederung der Kapitel in Einleitung, Material, Methode und Bemerkungen ist hilfreich beim Lesen. In den Bemerkungen stehen viele wichtige Hinweise zur Testdurchführung und auch zur Auswertung der Ergebnisse. ... Das Spektrum der dargestellten Methoden und Arbeitsvorschriften ist sehr breit ... Das vorliegende Methodensammelwerk ist primär für den auf dem Gebiet der Mykobakterien forschenden Molekularbiologen ein wertvolles Handbuch "(Dr. A. Reinecke, in: LaboratoriumsMedizin - Journal of Laboratory Medicine, 2009, Vol. 33, Issue 3, S. 176) From the Back Cover Due to the rising threat of tuberculosis and other mycobacterial infections, methods to study the biology of the mycobacteria and to improve diagnostic, therapeutic and preventative reagents are still very much in need. Mycobacteria Protocols, Second Edition updates and refines the methods of the well-received first edition while adding newly developed methods culled from the most cutting-edge research in the field. Ranging from the basics of sub-cellular fractionation to advanced methods using specialized growth conditions and whole genome, transcriptome and proteome analysis, the chapters conform to the Methods in Molecular Biology series format, providing step-by-step laboratory protocols, lists of necessary materials and reagents, and tips on troubleshooting and avoiding known pitfalls. Comprehensive and up-to-date, Mycobacteria Protocols, Second Edition is the perfect resource to promote and stimulate further research into these intriguing, important and most fractious of bacteria.