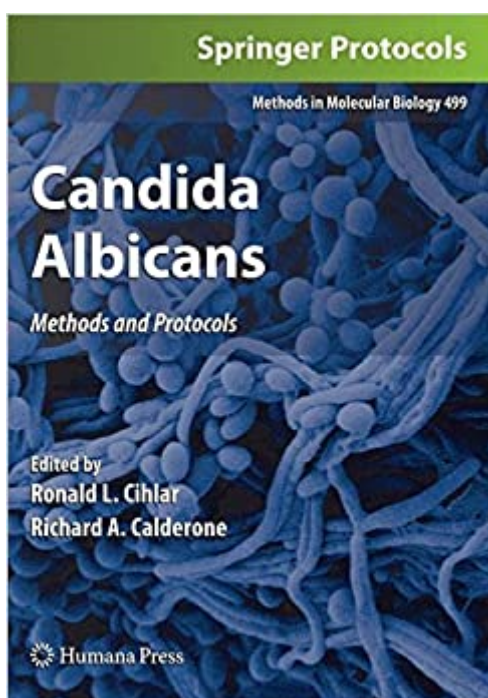


The book was found

# Candida Albicans: Methods And Protocols (Methods In Molecular Biology)



## Synopsis

Over the course of the past decade, there have been remarkable advances in the study of human pathogenic fungi. These developments have taken place throughout a wide range of disciplines, and have come as the result of newly available genome sequences of pathogens such as *Candida albicans* and other model fungi. In *Candida Albicans: Methods and Protocols*, expert researchers explore these exciting new insights, focusing on the study of medically important fungi and *Candida* spp in particular. Chapters examine critical aspects of molecular methods, providing information on reporter gene assays, transformation, gene expression in vivo, and methods for large-scale gene disruption. At the same time, the work includes in-depth descriptions of disease models of candidiasis, facts about strain identification, and guidelines on the preparation of samples for proteomic investigations and tandem affinity purification. Composed in the highly successful "Methods in Molecular Biology" series format, each chapter contains a brief introduction, step-by-step methods, a list of necessary materials, and a Notes section which shares tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting edge, *Candida Albicans: Methods and Protocols* is an invaluable source of methods for investigators in the exhilarating fields of medical and molecular mycology.

## Book Information

Series: *Methods in Molecular Biology* (Book 499)

Hardcover: 206 pages

Publisher: Humana Press; 2009 edition (February 5, 2009)

Language: English

ISBN-10: 1588297608

ISBN-13: 978-1588297600

Product Dimensions: 0.5 x 7.8 x 10.5 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,701,815 in Books (See Top 100 in Books) #64 in [Books > Health, Fitness & Dieting > Diseases & Physical Ailments > Candida](#) #111 in [Books > Medical Books > Basic Sciences > Bacteriology](#) #1623 in [Books > Medical Books > Basic Sciences > Microbiology](#)

## Customer Reviews

From the reviews: "This small book is directed specifically to researchers involved in the study of

yeast associated with human disease. This book will be used by scientists and students in the field of fungal and yeast research. This compact book would clearly be a good investment for scientists studying or teaching about *Candida* species and virulence in humans. Another positive attribute is its small size, which makes it easy to carry around and fit on a lab bench." (Rebecca T. Horvat, Doody's Review Service, June, 2009) "Human pathogenic fungi, especially *Candida albicans*, are significant opportunist pathogens of immunocompromised and medically compromised patients. This book contains 18 succinct chapters that focus on important aspects of molecular methodology. Each chapter contains concise protocols, together with a useful Notes section providing tips on troubleshooting. This book will be a useful resource for researchers who work in the field. It is a worthwhile institutional purchase." (David Coleman, *Microbiology Today*, November, 2009)

Over the course of the past decade, there have been remarkable advances in the study of human pathogenic fungi. These developments have taken place throughout a wide range of disciplines, and have come as the result of newly available genome sequences of pathogens such as *Candida albicans* and other model fungi. In *Candida Albicans: Methods and Protocols*, expert researchers explore these exciting new insights, focusing on the study of medically important fungi and *Candida* spp in particular. Chapters examine critical aspects of molecular methods, providing information on reporter gene assays, transformation, gene expression in vivo, and methods for large-scale gene disruption. At the same time, the work includes in-depth descriptions of disease models of candidiasis, facts about strain identification, and guidelines on the preparation of samples for proteomic investigations and tandem affinity purification. Composed in the highly successful *Methods in Molecular Biology* series format, each chapter contains a brief introduction, step-by-step methods, a list of necessary materials, and a Notes section which shares tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting edge, *Candida Albicans: Methods and Protocols* is an invaluable source of methods for investigators in the exhilarating fields of medical and molecular mycology.

This book is for medical professionals. It is not expressed in terms common to the average reader. It is based on case studies and medical studies.

[Download to continue reading...](#)

*Candida Albicans: Methods and Protocols* (Methods in Molecular Biology) *Candida* Species:  
*Methods and Protocols* (Methods in Molecular Biology) *Candida Albicans* (Non-Drug Approach to

the Treatment of Candida Infection) Bacteriophages: Methods and Protocols, Volume 2: Molecular and Applied Aspects (Methods in Molecular Biology) Hemoglobin Disorders: Molecular Methods and Protocols (Methods in Molecular Medicine, Vol. 82) Yeast Infections: Yeast Infections Guide To Treating Yeast Infections And Curing Yeast Infections With Candida Diet Strategies, Candida Recipes And Candida ... Guide To Yeast Infections No More) Legionella: Methods and Protocols (Methods in Molecular Biology) Patch-Clamp Methods and Protocols (Methods in Molecular Biology) Liposome Methods and Protocols (Methods in Molecular Biology) Vaccine Technologies for Veterinary Viral Diseases: Methods and Protocols (Methods in Molecular Biology) Mouse Models of Allergic Disease: Methods and Protocols (Methods in Molecular Biology) Candida Albicans: Natural Remedies for Yeast Infection Candida Albicans: Could Yeast Be Your Problem? The Yeast-Free Kitchen: Recipes to Help You Achieve Victory over the Yeast-Beast, Candida Albicans The Candida Albicans Yeast-Free Cookbook Candida Albicans: The Quiet Epidemic Cystic Fibrosis: Diagnosis and Protocols, Volume I: Approaches to Study and Correct CFTR Defects (Methods in Molecular Biology) Baculovirus and Insect Cell Expression Protocols (Methods in Molecular Biology) Drug-DNA Interaction Protocols (Methods in Molecular Biology) Mycoplasma Protocols (Methods in Molecular Biology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)