



Molecular Diagnostics: For the Clinical Laboratorian

From Brand: Humana Press

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In 1994 I coedited a book, *Molecular Pathology: Approaches to Diagnosing Human Disease in the Clinical Laboratory*. It should be evident that molecular pathology and approaches to diagnosing human disease in the clinical laboratory impact almost every conceivable subspecialty laboratory, that coined the phrase "molecular pathology" in laboratory medicine and, particularly in the case of to refer to applications of molecular biology in the traditional pharmacogenomics, have led to the development of new fields of laboratory medicine. That compilation of areas of investigation, clinical molecular techniques included 11 chapters and an epilogue. What is less evident is the burden placed upon the laboratory director on "New Directions for the Clinical Laboratory." Laboratory directors directing these efforts. Issues regarding chapter headings included: automation, neoplasia, hereditary diseases, training, certification, continuing education, and re-testable diseases, and infectious diseases. Laboratory directors (just to name a few) have demanded enormous resources. Three years later, in 1997, Bill Coleman and Greg Tsongalis edited *Molecular Diagnostics: For the Clinical Laboratory*. In addition, because conventional laboratory medicine, which contained 18 chapters and introduced approaches cannot always be applied to molecular diagnostics, unique solutions for quality assurance and quality control must be developed. These challenges have engendered the formation of molecular pathology, we are looking at the dedicated committees, subcommittees, taskforces, and second edition of Bill Coleman and Greg Tsongalis' text.

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Editorial Review

Review

"This is a great book to have handy for ready reference in this rapidly evolving field. While the reader may not use this reference daily, there is no question that it will be needed for those occasions when such testing is ordered and a clinical consultation between the clinical laboratory and the healthcare provider is necessary." - Doody's Health Sciences Book Review Journal

"...the textbook of choice for anyone working in molecular diagnostics who wants to remain current with this rapidly changing field. -Clinical Laboratory International

From Reviews of the First Edition...

"...a very good introduction to the basic elements of molecular pathology...a clear, enjoyable read...an excellent discussion of methods." -Clinical Chemistry

"...highly recommended...for those interested in clinical molecular diagnosis...will satisfy those who are more expert in certain areas of molecular diagnosis, but who have been unable to keep up with the wide range of recent advances in molecular diagnosis." -American Journal of Clinical Pathology

"...gives a good theoretical background for those with little experience in this field. It is readable, comprehensive, and...up-to-date." -Journal of Clinical Pathology

"...well written, comprehensive...should bring even the reader with limited background knowledge up to speed on what is a rapidly progressing field." -Trends in Molecular Medicine

"...a timely and highly relevant book that will serve as a valuable resource to those practicing molecular diagnostics from the bench, as well as to basic and clinical scientists..." -Endocrine News

From the Back Cover

Taking advantage of the many major advances that have occurred since their groundbreaking first edition was published, William B. Coleman and Gregory J. Tsongalis have updated and expanded their highly praised tutorial guide to molecular diagnostic techniques to include not only improved traditional methods, but also totally new molecular technologies, some not yet in routine use. The authors offer cutting-edge molecular diagnostics for genetic disease, human cancers, infectious diseases, and identity testing, as well as new insights into the question of quality assurance in the molecular diagnostics laboratory. Additional chapters address other technologies found in the clinical laboratory that are complementary to molecular diagnostic methodologies, and also discuss genetic counseling and the ethical and social issues involved with nucleic acid testing.

Authoritative and state-of-the-art, *Molecular Diagnostics: For the Clinical Laboratorian*, 2nd Edition is the essential textbook of choice for anyone working in molecular diagnostics and who wants to remain current with this rapidly changing field.

Users Review

From reader reviews:

Janet Speer:

Now a day individuals who Living in the era exactly where everything reachable by connect to the internet and the resources in it can be true or not need people to be aware of each details they get. How many people to be smart in having any information nowadays? Of course the answer is reading a book. Studying a book can help men and women out of this uncertainty Information specifically this Molecular Diagnostics: For the Clinical Laboratorian book as this book offers you rich details and knowledge. Of course the details in this book hundred % guarantees there is no doubt in it you know.

Ross Larson:

Spent a free a chance to be fun activity to try and do! A lot of people spent their sparetime with their family, or their friends. Usually they undertaking activity like watching television, going to beach, or picnic inside the park. They actually doing ditto every week. Do you feel it? Do you want to something different to fill your personal free time/ holiday? Can be reading a book could be option to fill your free of charge time/ holiday. The first thing that you ask may be what kinds of reserve that you should read. If you want to try look for book, may be the book untitled Molecular Diagnostics: For the Clinical Laboratorian can be good book to read. May be it may be best activity to you.

Scott Fisher:

This Molecular Diagnostics: For the Clinical Laboratorian is great book for you because the content which is full of information for you who all always deal with world and still have to make decision every minute. This particular book reveal it facts accurately using great manage word or we can state no rambling sentences included. So if you are read the item hurriedly you can have whole info in it. Doesn't mean it only gives you straight forward sentences but challenging core information with lovely delivering sentences. Having Molecular Diagnostics: For the Clinical Laboratorian in your hand like getting the world in your arm, information in it is not ridiculous a single. We can say that no reserve that offer you world throughout ten or fifteen second right but this book already do that. So , it is good reading book. Hello Mr. and Mrs. busy do you still doubt that?

Gale Velez:

In this era globalization it is important to someone to find information. The information will make anyone to understand the condition of the world. The health of the world makes the information much easier to share. You can find a lot of personal references to get information example: internet, paper, book, and soon. You can observe that now, a lot of publisher this print many kinds of book. The book that recommended to you personally is Molecular Diagnostics: For the Clinical Laboratorian this reserve consist a lot of the information on the condition of this world now. This specific book was represented how does the world has grown up. The terminology styles that writer require to explain it is easy to understand. The particular writer made some analysis when he makes this book. That is why this book acceptable all of you.

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