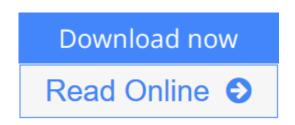


# Molecular Diagnostics: For the Clinical Laboratorian

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In 1994 I coedited a book, Molecular Pathology: Ap- efforts. It should be evident that molecular pathology and proaches to Diagnosing Human Disease in the Clinical diagnostics 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 tradi- pharmacogenomics, have led to the development of new tional areas of laboratory medicine. That compilation of areas of investigation. clinical molecular techniques included 11 chapters and an What is less evident is the burden placed upon the epilogue on "New Directions for the Clinical Laboratory. " laboratorians directing these efforts. Issues regarding Chapter headings included: automation, neoplasia, heri- training, certification, continuing education, and re- table diseases, and infectious diseases. bursement (just to name a few) have demanded enormous Three years later, in 1997, Bill Coleman and Greg Tson- time and effort from professional organizations and g- galis edited Molecular Diagnostics: For the Clinical ernmental agencies. In addition, because conventional Laboratorian, which contained 18 chapters and introduced approaches cannot always be applied to molecular di- the new areas of RT-PCR and In Situ PCR, and included nostics, unique solutions for quality assurance and quality a section on gene therapy. Now, ten years after the intro- control must be developed. These challenges have eng- duction of molecular pathology, we are looking at the dered 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:

#### **David Tillery:**

What do you think of book? It is just for students because they are still students or this for all people in the world, the particular best subject for that? Merely you can be answered for that question above. Every person has various personality and hobby per other. Don't to be pushed someone or something that they don't desire do that. You must know how great along with important the book Molecular Diagnostics: For the Clinical Laboratorian. All type of book are you able to see on many methods. You can look for the internet sources or other social media.

#### Juan McCain:

The reserve untitled Molecular Diagnostics: For the Clinical Laboratorian is the guide that recommended to you to study. You can see the quality of the guide content that will be shown to a person. The language that writer use to explained their ideas are easily to understand. The article writer was did a lot of research when write the book, so the information that they share to you personally is absolutely accurate. You also could get the e-book of Molecular Diagnostics: For the Clinical Laboratorian from the publisher to make you more enjoy free time.

#### Karen Martinez:

People live in this new day time of lifestyle always try to and must have the spare time or they will get large amount of stress from both way of life and work. So, if we ask do people have extra time, we will say absolutely of course. People is human not just a robot. Then we inquire again, what kind of activity have you got when the spare time coming to you of course your answer will unlimited right. Then ever try this one, reading guides. It can be your alternative with spending your spare time, the particular book you have read is usually Molecular Diagnostics: For the Clinical Laboratorian.

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