

Diagnostic Pathology: Molecular Oncology, 1e

By Mohammad A Vasef MD, Aaron Auerbach MD FRCPC Dipl. Epid.



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This volume in the highly regarded Diagnostic Pathology series provides a **clearer understanding** of molecular pathology as it relates to the transformation and pathogenesis of cancer. Diagnostic Pathology: Molecular Oncology is the first reference to apply a practical and clinical approach to examining how molecular mutations affect common medical diseases. Additionally, it identifies the relevant and appropriate molecular tests to perform for a complete workup in the era of molecular-targeted therapies. Easy to use and packed with outstanding illustrations, this is an essential resource for all pathologists or clinicians who need to keep up with the ever-evolving field of molecular medicine.

- Up-to-date information on a variety of topics
 - Next-generation sequencing for determining gene mutations
 - Diagnostic use of soft tissue mutations
 - Use of **solid tissue mutations** such as *EGFR*, *BRAF*, and *KRAS* for diagnosis and treatment of different carcinomas and melanoma
 - Interpreting newly found mutations in hematopathology such as MYD88 mutations
 - Understanding bioinformatics
 - Guidance on selecting the right test(s) at the right time for the right patient
- Comparisons of **molecular testing methods** (i.e., FISH testing vs. cytogenetics)
- More than 2,000 images including H&E stains, immunostains, and FISH
- Expert Consult eBook version included with purchase allows you to search all of the text, figures, and references from the book on a variety of devices

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Review

2016 BMA Awards: Highly Commended, Pathology

"You must get this book. If you want a quick, concise, clear, and comprehensive, state-of-the-art book on molecular pathology, this is the one." **Reviewed by** Valerie L. Ng, PhD MD (Alameda County Medical Center/Highland Hospital), Doody's Review Service

"...the overall quality of the book is excellent and it is highly recommended to pathologists as well as trainees as a great reference source."

-Journal of Cytology and Histology, February 2016

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