

Diagnostic Pathology: Molecular Oncology E-Book

By Mohammad A Vasef, Aaron Auerbach

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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 work-up 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 images

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Editorial Review

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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