

Features:

- Provides **up-to-date, comprehensive coverage** of relevant molecular tests and their clinical applications, along with organ-based chapters on the molecular genetic data relevant to individual disease entities
- Contains **new chapters and substantial revisions to existing content** that include updates from the 2022 International Consensus Classification and the *WHO Classification of Haematolymphoid Tumours*, fifth edition
- Provides **expert guidance on selecting the right test(s)** at the right time, as well as comparisons of molecular testing methods (e.g., FISH vs. cytogenetics)
- Includes current information for **new actionable mutations** and **targeted therapies**
- Covers **ultrasensitive molecular techniques** for minimal residual disease detection and disease monitoring
- Discusses **circulating cell-free DNA analysis** for detection of resistance-associated mutations and disease monitoring, and provides usage details
- Features an image-rich layout with **more than 2,400 print and online-only images**, including high-resolution H&E stains, immunostains, FISH images, gross pathology and clinical photographs, detailed full-color medical illustrations, and informative diagrams, charts, and schematics
- Employs consistently **templated chapters, bulleted content, key facts, a variety of tables, annotated images, pertinent references, and an extensive index** for quick, expert reference at the point of care
- Includes an **eBook version** that enables you to access all text, figures, and references with the ability to search, customize your content, make notes and highlights, and have content read aloud

New To This Edition:

Molecular oncology is a rapidly evolving field with tremendous amounts of information that is new since the 2e published in March 2019. There is new molecular genetic data linked to either new targeted therapies or that serves as diagnostic or prognostic indicators. The 3e will include 8-10 new chapters and substantial updates and rewrites to existing contents to make sure ongoing edits and revisions to the upcoming WHO Classification of Hematopoietic Tumors are included in the 3e. The authors provide guidance on selecting the right test(s) at the right time for the right patient and comparisons of molecular testing methods (i.e., FISH testing vs. cytogenetics) are included. The market lacks a definitive source of all the recent changes, and DP3 Molecular Oncology will provide a comprehensive information source.

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