

TECHNOLOGIST AND INTERNATIONAL TECHNOLOGIST IN MOLECULAR BIOLOGY, MB(ASCP) AND MB(ASCPⁱ)

SPECIALIST AND INTERNATIONAL SPECIALIST IN MOLECULAR BIOLOGY, SMB(ASCP) AND SMB(ASCPⁱ)

Suggested Reading for Examination Preparation

This list is intended only as a partial reference source. Its distribution does not indicate endorsement by the American Society for Clinical Pathology Board of Certification (ASCP BOC), nor does the BOC wish to imply that the content of the examination will be drawn solely from these publications.

TEXTS

GENERAL MOLECULAR BIOLOGY

- Alberts, B., Johnson, A, et al. (2014). *Molecular Biology of the Cell* (6th ed.). New York: Garland Science. [Link to Purchase](#)
- Buckingham, Lela. (2019). *Molecular Diagnostics: Fundamentals, Methods, & Clinical Applications* (3rd ed.). Philadelphia: F.A. Davis Company. [Link to Purchase](#)
- Coleman, W.B. & Tsongalis, G.J. (2018). *Molecular Pathology: The Molecular Basis of Human Disease* (2nd ed.). Elsevier Inc. [Link to Purchase](#)
- Cooper, G.M. and Hausman, R.E. (2016). *The Cell: A Molecular Approach* (7th ed.). Sunderland, MA: Sinauer Associates Inc. [Link to Purchase](#)
- Krebs, J.E. et al. (2018) *Lewin's Genes XII* (12th ed.). Burlington, MA: Jones & Bartlett Publishers. [Link to Purchase](#)
- Rifai, N., et al. (2018). *Principles and Applications of Molecular Diagnostics* (1st ed.). Elsevier Inc. [Link to Purchase](#)

APPLICATIONS OF MOLECULAR SCIENCE

***Clinical Laboratory Standards Institute (CLSI) publishes discipline-specific application guidelines in the area of Molecular Methods. The guidelines that are U.S.-specific are noted on the CLSI website. Consult the CLSI website [to purchase](#).**

- Jaffe, E.S. et al. (2017). *Hematopathology - CHAPTER 6: Molecular Diagnosis in Hematopathology ONLY* (2nd ed.). Philadelphia, PA: Elsevier, Inc. [Link to Purchase](#)
- Kulkarni, S. and Pfeifer, J. (Eds.). (2015). *Clinical Genomics: A Guide to Clinical Next Generation Sequencing*. Elsevier, Inc. [Link to Purchase](#)
- Nussbaum, R.L. et al. (2016). *Thompson and Thompson Genetics in Medicine* (8th ed.). Philadelphia, PA: Elsevier, Inc. [Link to Purchase](#)
- Persing, D.H. et al. (Eds.). (2011). *Molecular Microbiology: Diagnostic Principles and Practice* (2nd ed.). Washington D.C.: ASM Press. [Link to Purchase](#) **(NOTE: Content differs from later editions)**
- Persing, D.H. et al. (Eds.). (2016). *Molecular Microbiology: Diagnostic Principles and Practice* (3rd ed.). Washington D.C.: ASM Press. [Link to Purchase](#)

MANAGEMENT (SMB ONLY)

- Garcia, L.S. (2013). *Clinical Laboratory Management*. (2nd ed.). Washington D.C.: ASM Press. [Link to Purchase](#)
- Harmening, D.M. (2013). *Laboratory Management: Principles and Processes* (3rd ed.). St. Petersburg: D.H. Pub. & Consulting, Inc. [Link to Purchase](#)

MATHEMATICS

- Buckingham, L. (2014). *Fundamental Laboratory Mathematics: Required Calculations for the Medical Laboratory Professional*. (1st ed.). Philadelphia, PA: F.A. Davis Company. [Link to Purchase](#)
- Doucette, L. J. (2016). *Mathematics for the Clinical Laboratory* (3rd ed.). St. Louis: Elsevier. [Link to Purchase](#)

ONLINE

Association of Genetic Technologists (AGT)

[Link to View](#)

Association for Molecular Pathology (AMP)

[Link to View](#)

American Society for Histocompatibility and Immunogenetics (ASHI)

[Link to View](#)

American Society for Microbiology (ASM)

[Link to View](#)

Clinical and Laboratory Standards Institute (CLSI)

[Link to View](#)

College of American Pathologists (CAP)

[Link to View](#)

National Center for Biotechnology Information (NCBI)

[Link to View](#)

Pan American Society for Clinical Virology (PASCV)

[Link to View](#)