The following books are suggested for those preparing for the Molecular Genetic Pathology board exam administered by the American Board of Medical Genetics and the American Board of Pathology. This list represents the recommendations of the AMP Training and Education Committee; endorsement by the ABMG or the ABP is not implied. For a more comprehensive list of molecular pathology titles, please see the Training and Education section of the AMP website (www.amp.org).

**General Molecular Pathology**

*Quick Compendium of Molecular Pathology*
Mais DD and Nordberg M. ASCP Press, 2008

*Molecular Pathology in Clinical Practice*
Leonard DGB, ed. Springer, 2007

*Molecular Genetic Pathology, 2nd edition*
Cheng L and Zhang DY. Humana Press, 2013

*Thompson & Thompson Genetics in Medicine, 8th edition*
Nussbaum RL et al., eds. Elsevier, 2015

*Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 6th edition*
Burtis CA, Ashwood ER, and Bruns DE, eds. Saunders Elsevier, 2017

*Henry's Clinical Diagnosis and Management by Laboratory Methods, 23rd edition*

*Fundamentals of Molecular Diagnostics, 2nd edition*

*Molecular Diagnostics for the Clinical Laboratorian*
Coleman WB and Tsongalis GJ, eds. Humana Press, 2006

*Molecular Pathology: The Molecular Basis of Human Diseases*
Coleman WB and Tsongalis GJ, eds. Elsevier, 2009

*Essential Concepts in Molecular Pathology*
Coleman WB and Tsongalis GJ, eds. Elsevier, 2010

*Diagnostic Molecular Pathology: A Guide to Applied Molecular Testing*
Coleman WB and Tsongalis GJ, eds. Elsevier 2016

*Molecular Basis of Human Cancer, Second Edition*
Coleman WB and Tsongalis GJ, eds. Elsevier 2017
Principles of Molecular Pathology
Killeen AA. Humana Press, 2004

Essentials of Molecular Pathology
Leonard DGB, ed. Springer
Condensed version of Molecular Pathology in Clinical Practice, aimed at generalists.

Cytogenetics:

Human Genetics
Vogel & Motulsky. Springer, 1997

Chromosome Abnormalities and Genetic Counseling, 4th edition
Gardner RJ, Sutherland GR, McKinlay RJ, Oxford Univ. Press, 2004

The Principles of Clinical Cytogenetics, 2nd edition
Gersen SL and Keagle MB, eds. Human Press, 2005

Human Chromosomes, 4th edition
Miller and Therman. Springer Press, 2001

Forensics / HLA Typing:

Molecular Pathology in Clinical Practice, 2nd edition

Fundamentals of Forensic DNA Typing
Butler JM. Elsevier Academic Press, 2010

Advanced Topics in Forensic DNA Typing: Methodology

Advanced Topics in Forensic DNA Typing: Interpretation

Laboratory Management

Molecular Pathology in Clinical Practice, 2nd edition

Molecular Diagnostics for the Clinical Laboratorian
Coleman WB and Tsongalis GJ, eds. Humana Press, 2006

Henri's Clinical Diagnosis and Management by Laboratory Methods, 23rd edition


Medical Genetics:

Molecular Pathology in Clinical Practice, 2nd edition

Thompson & Thompson Genetics in Medicine, 8th edition
Nussbaum RL et al., eds. Elsevier, 2015
Human Genetics
Vogel & Motulsky. Springer, 1997
Vogel and Motulsky's Human Genetics: Problems and Approaches, 4th edition
Speicher M, Antonarakis SE, Motulsky AG. Springer, 2010

Atlas of Genetic Diagnosis and Counseling, 3rd edition.
Chen H. Springer, 2017

The Metabolic and Molecular Basis of Inherited Disease, 8th edition
   Note: Scriver's OMMBID (online version of the above) available to subscribers online at
   http://www.genetics.accessmedicine.com

Smith's Recognizable Patterns of Human Malformation, 7th edition,
Jones, K., Jones MC, del Campo M. W.B. Saunders Company, 2013

Metabolic Genetics:

The Metabolic and Molecular Basis of Inherited Disease, 8th edition
   Note: Scriver's OMMBID (online version of the above) available to subscribers online at
   http://genetics.accessmedicine.com

Atlas of Metabolic Diseases, 3rd edition
Nyhan WL, Barshop BA and Al-Aqeel AI. CRC Press, 2011

Molecular Genetics / Biology:

Human Molecular Genetics, 4th edition.
Strachan TS and Read AP. Garland Science, 2010

Color Atlas of Genetics, 4th edition
Passarge E. Thieme, 2012

Human Molecular Biology: An Introduction to the Molecular Basis of Health and Disease
Epstein RJ. Cambridge University Press, 2003

Human Genetics
Vogel & Motulsky. Springer, 1997

Molecular Hematology, Hematopathology, and Oncology:

WHO-Tumours of Haematopoietic and Lymphoid Tissues, 2001/2008

Molecular Genetic Testing in Surgical Pathology
Pfeifer JD. Lippincott, Williams & Wilkins, 2005

Molecular Hematology, 2nd edition

Robbins and Cotran Pathologic Basis of Disease, 9th edition
Kumar V, Abbas AK, Aster JC. Elsevier, 2015

The Basic Science of Oncology, 5th edition
AMP Molecular Genetic Pathology Review Book List

*Molecular Pathology in Clinical Practice*, 2nd edition

*Molecular Genetic Pathology*, 2nd edition
Cheng L and Zhang DY. Humana Press, 2013

*Molecular Pathology of Hematolymphoid Diseases*
Dunphy CH and Cagle PT, eds. Springer, 2010

*The Molecular Basis of Cancer*, 4th edition

**Molecular Microbiology:**

*Fundamentals of Molecular Diagnostics*
Bruns DE, Ashwood ER and Burtis CA. Saunders (Elsevier), 2007

*Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases*, 8th edition, 2 volumes
Mandell GL, Dolin R, Blaser MJ. Saunders (Elsevier), 2015

Jorgenson JH and Pfaller MA, eds. ASM Press, 2015

*Molecular Diagnostics*, 3rd edition
Patrinos GP and Ansorge WJ. Academic Press (Elsevier), 2016

*Molecular Pathology in Clinical Practice*, 2nd edition

*Molecular Genetic Pathology*, 2nd edition
Cheng L and Zhang DY. Humana Press 2013

*Molecular Microbiology: Diagnostic Principles and Practice*, 3rd edition

*Red Book® 2015: Report of the Committee on Infectious Diseases*

*Clinical Microbiology Procedures Handbook, Fourth Edition*

*Advanced Techniques in Diagnostic Microbiology*
Tang, Y-W and Stratton, CW eds. Springer, 2013

**Pharmacogenetics**

*Tietz Textbook of Clinical Chemistry and Molecular Diagnostics*, 6th edition
Burtis CA, Ashwood ER, Bruns DE. Saunders (Elsevier), 2017

*Genetic Variance Detection, Technologies for Pharmacogenomics*
Hecker KH. DNA Press, 2006

*Pharmacogenetics*, 2nd edition
Weber WW. Oxford University Press, 2008

*Principles of Pharmacogenetics and Pharmacogenomics*,
Altman RB, Flockhart D, Goldstein DB. Cambridge University Press, 2012
**Risk Assessment and Genetic Counseling:**

*Molecular Pathology in Clinical Practice*, 2nd edition  

*Thompson & Thompson Genetics in Medicine*, 8th edition  

*Atlas of Genetic Diagnosis and Counseling*, 3rd edition  
Chen H. Springer, 2017

*Chromosome Abnormalities and Genetic Counseling*, 4th edition  
Gardner RJ, Sutherland GR, McKinlay RJ. Oxford University Press, 2012

*Practical Genetic Counseling for the Laboratory*,  
Goodenberger ML Thomas BC, Kruisselbrink T eds. Oxford University Press, 2017