

AMP Molecular Genetic Pathology: RECOMMENDED REVIEW BOOKS
Updated: May, 2017

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
McPherson RA and Pincus R, eds. Saunders, 2016

Fundamentals of Molecular Diagnostics, 2nd edition
Bruns DE, Ashwood ER, and Burtis CA, eds. Saunders-Elsevier, 2011

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
Leonard DGB, ed. Springer, 2016

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

Advanced Topics in Forensic DNA Typing: Methodology
Butler JM. Elsevier Academic Press, 2012

Advanced Topics in Forensic DNA Typing: Interpretation
Butler JM. Elsevier Academic Press, 2015

Laboratory Management

Molecular Pathology in Clinical Practice, 2nd edition
Leonard DGB, ed. Springer, 2016

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

Henrt's Clinical Diagnosis and Management by Laboratory Methods, 23rd edition
McPherson RA and Pincus R, eds. WB Saunders Company, 2016

Clinical and Laboratory Standards Institute (CLSI). *Quality Management for Molecular Genetic Testing: Approved Guideline*. CLSI Document MM20-A (ISBN 1-56238-859-2 [Print]; ISBN 1-56238-860-6 [Electronic]). Clinical and Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087 USA, 2012

Medical Genetics:

Molecular Pathology in Clinical Practice, 2nd edition
Leonard DGB, ed. Springer, 2016

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 editionScriver CR, *et al.* eds. McGraw-Hill Professional, 2000

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 editionScriver CR *et al.* eds. McGraw-Hill Professional, 2000

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 editionProvan D, Gribben J, *et al.* Blackwell Publishing, 2005*Robbins and Cotran Pathologic Basis of Disease*, 9th edition

Kumar V, Abbas AK, Aster JC. Elsevier, 2015

The Basic Science of Oncology, 5th editionTannock IF, *et al.* McGraw-Hill Professional, 2013

Molecular Pathology in Clinical Practice, 2nd edition
Leonard DGB, ed. Springer, 2016

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
Mendelsohn J *et al.*, eds. Saunders Elsevier, 2014

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

Manual of Clinical Microbiology, 11th edition (2 volumes)
Jorgenson JH and Pfaller MA, eds. ASM Press, 2015

Molecular Diagnostics, 3rd edition
Patrinis GP and Ansong WJ. Academic Press (Elsevier), 2016

Molecular Pathology in Clinical Practice, 2nd edition
Leonard DGB, ed. Springer, 2016

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

Molecular Microbiology: Diagnostic Principles and Practice, 3rd edition
Persing DH, *et al.*, eds. ASM Press, 2016

Red Book® 2015: Report of the Committee on Infectious Diseases
American Academy of Pediatrics Committee on Infectious Diseases. American Academy of Pediatrics, 2009

[Clinical Microbiology Procedures Handbook, Fourth Edition](#)
Leber, AL ed. ASM Press, 2016

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
Leonard DGB, ed. Springer, 2016

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

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