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 MGP Review Course faculty and the AMP Training and Education Committee; endorsement by the ABMG or the ABP is not implied.

**GENERAL MOLECULAR PATHOLOGY**

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

*Molecular Pathology: The Molecular Basis of Human Diseases 2nd edition*
Coleman WB and Tsongalis GJ, eds. Elsevier, 2018

*Diagnostic Molecular Pathology: A Guide to Applied Molecular Testing*

*Molecular Basis of Human Cancer, 2nd edition*
Coleman WB and Tsongalis GJ, eds. Elsevier, 2017

*Molecular Diagnostics: Fundamentals, Methods, and Clinical Applications 3rd edition*
Buckingham L. ASCP, 2021

*Genomic Medicine: A Practical Guide*
Tafe LJ and Arcila ME, eds. Springer, 2020

**CYTOGENETICS**

*Gardner and Sutherland’s Chromosome Abnormalities and Genetic Counseling, 5th edition*
McKinlay Gardner RJ, Amor DJ. Oxford University Press, 2018

*The Principles of Clinical Cytogenetics, 3rd edition*

*Human Chromosomes, 4th edition*
Miller OJ and Therman E, eds. Springer Press, 2000


*ISCN 2020: An international System for Human Cytogenic Nomenclature* (2020)
Jean McGowan-Jordan et al. S. Karger 2020
FORENSICS / HLA TYPING

*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*

Transplantation Immunology: Methods and Protocols
Zachary AA and Leffell MS, Eds. Humana Press 2013

HLA Disease Associations. [The Autoimmune Diseases Site](#)

Histocompatibility & Immunogenetics
Kallon D. [eBook](#)

LABORATORY MANAGEMENT

*Molecular Pathology in Clinical Practice*, 2nd edition

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


*Laboratory Administration for Pathologists*, 2nd edition
College of American Pathologists, January 1, 2019

MEDICAL GENETICS

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

*Vogel and Motulsky's Human Genetics: Problems and Approaches*
Speicher MR, Antonarakis SE, Motulsky AG, eds. 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](http://www.genetics.accessmedicine.com)
Smith's Recognizable Patterns of Human Malformation, 7th edition,

**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 Inherited Metabolic Diseases, 4th edition
Nyhan WL and Hoffmann GF. CRC Press, 2020

**MOLECULAR GENETICS / BIOLOGY**

Human Molecular Genetics, 5th edition.
Strachan TS and Read AP. CRC Press, 2019

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

**MOLECULAR HEMATOLOGY, HEMATOPATHOLOGY, AND ONCOLOGY**

WHO-Tumours of Haematopoietic and Lymphoid Tissues, revised 4th edition, 2017

Molecular Hematology, 4th edition

Robbins and Cotran Pathologic Basis of Disease, 10th edition
Kumar V, Abbas AK, Aster JC. Elsevier, 2020

The Basic Science of Oncology, 6th edition

The Genetic Basis of Haematological Cancers, 1st edition
Tosi S and Reid AG. Wiley Online Library 2016

Diagnostic Pathology: Molecular Oncology, 2nd edition
Vasef MA and Auerbach A. Elsevier, 2019

https://tumourclassification.iarc.who.int/welcome/ (Annual subscription needed, includes the latest 5th edition ebooks of different organ systems)

**MOLECULAR MICROBIOLOGY**

Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 8th edition, 2 volumes
Manual of Clinical Microbiology, 11th edition (2 volumes)
Jorgenson JH and Pfaller MA, eds. ASM Press, 2015

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

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

Clinical Microbiology Procedures Handbook, 3 Volume Set, 4th 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
Rifai N, Horvath AR, Wittwer CT, eds. Elsevier, 2018

Principles of Pharmacogenetics and Pharmacogenomics,
Altman RB, Flockhart D, Goldstein DB. Cambridge University Press, 2012

Clinical Pharmacogenetics Implementation Consortium (CPIC®) https://cpicpgx.org/
PharmGKB https://www.pharmgkb.org/

RISK ASSESSMENT AND GENETIC COUNSELING

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