

# MEDICAL LABORATORY SCIENTIST, MLS(ASCP) INTERNATIONAL MEDICAL LABORATORY SCIENTIST, MLS(ASCP<sup>i</sup>)

## Suggested Reading for Examination Preparation

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### JOURNALS

[Clinical Laboratory Science](#). Published by American Society for Clinical Laboratory Science.

[Lab Medicine](#). Published by American Society for Clinical Pathology and Oxford University Press.

[Medical Laboratory Observer](#). Published by NP Communications.

### TEXTS

#### BLOOD BANKING (IMMUNOHEMATOLOGY)

AABB. (2020). [Standards for Blood Banks and Transfusion Services](#) (32<sup>nd</sup> ed.). Bethesda, MD: AABB Publications.

Cohn, C.S., et al. (Eds.). (2020). [Technical Manual](#) (20<sup>th</sup> ed.). Bethesda, MD: AABB Publications.

Harmening, D.M. (2018). [Modern Blood Banking and Transfusion Practices](#) (7<sup>th</sup> ed.). Philadelphia: F.A. Davis Company.

#### CHEMISTRY

Bishop, M.L., Fody, E.P. & Schoeff, L.E. (2018). [Clinical Chemistry: Principles, Techniques, and Correlations](#) (8<sup>th</sup> ed.). Wolters Kluwer.

Rifai, N., Horvath, A.R., & Wittwer, C.T. (2019). [Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics](#) (8<sup>th</sup> ed.). St. Louis, Missouri: Elsevier.

#### HEMATOLOGY

Keohane, E., Otto, C.N., and Walenga, J. (2019). [Rodak's Hematology: Clinical Principles & Applications](#) (6<sup>th</sup> ed.). Philadelphia: Elsevier Saunders.

Marques, M. (2015). [Quick Guide to Hemostasis](#) (3<sup>rd</sup> ed.). Washington, DC: AACC Publications.

McKenzie, S.B., Landis-Piwowar, K., & Williams, L. (2019). [Clinical Laboratory Hematology](#) (4<sup>th</sup> ed.). New Jersey: Prentice Hall.

#### IMMUNOLOGY

Stevens, C.D. & Miller, L.E. (2017). [Clinical Immunology and Serology: A Laboratory Perspective](#) (4<sup>th</sup> ed.). Philadelphia: F.A. Davis Company. **\*\*A new edition will be available February 2021\*\***

Turgeon, M.L. (2017). [Immunology & Serology in Laboratory Medicine](#) (6<sup>th</sup> ed.). Mosby.

#### LABORATORY OPERATIONS

Buckingham, L. (2014). [Fundamental Laboratory Mathematics: Required Calculations for the Medical Laboratory Professional](#) (1<sup>st</sup> ed.). Philadelphia, PA: F.A. Davis Company.

Buckingham, Lela. (2019). [Molecular Diagnostics: Fundamentals, Methods, & Clinical Applications](#) (3<sup>rd</sup> ed.). Philadelphia: F.A. Davis Company.

Davis, D. L. (2016). [Laboratory Safety A Self-Assessment Workbook](#) (2<sup>nd</sup> ed.) Chicago: ASCP Press.

Doucette, L.J. (2021). [Mathematics for the Clinical Laboratory](#) (4<sup>th</sup> ed.) St. Louis: Elsevier.

Estridge, B. H. & Reynolds, A. P. (2011) [Basic Clinical Laboratory Techniques](#) (6<sup>th</sup> ed.). Clifton Park, NY: Delmar Cengage Learning.

McPherson, R.A. & Pincus, M.R. (2016). [Henry's Clinical Diagnosis and Management by Laboratory Methods](#) (23<sup>rd</sup> ed.). Philadelphia: Elsevier.

Turgeon, M. L. (2019). [\*Linne & Ringsrud's Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications\*](#) (8<sup>th</sup> ed.). Maryland Heights, MO: Mosby.

## **MICROBIOLOGY**

De La Maza, L.M. et al. (2020). [\*Color Atlas of Medical Bacteriology\*](#) (3<sup>rd</sup> ed.). Washington, D.C.: ASM Press.

Hata, D.J. and Thomson Jr., R.B. (2016). [\*Gram Stain Benchtop Reference Guide\*](#). College of American Pathologists.

Leber, A.L., et al. (2016). [\*Clinical Microbiology Procedures Handbook\*](#) (4<sup>th</sup> ed.). Washington, D.C.: ASM Press.

Love, G.L. & Ribes, J.A. (2018). [\*Color Atlas of Mycology: An Illustrated Field Guide Based on Proficiency Testing\*](#). College of American Pathologists.

Mahon, C.R. and Lehman, D.C. (2019). [\*Textbook of Diagnostic Microbiology\*](#) (6<sup>th</sup> ed.). Elsevier Health Sciences.

Persing, D.H. et al. (Eds.). (2016). [\*Molecular Microbiology: Diagnostic Principles and Practice\*](#) (3<sup>rd</sup> ed.). Washington D.C.: ASM Press.

Pritt, B.S. (2014). [\*Parasitology Benchtop Reference Guide\*](#). College of American Pathologists.

Procop, G.W., et al. (2017). [\*Koneman's Color Atlas and Textbook of Diagnostic Microbiology\*](#) (7<sup>th</sup> ed.). Wolters Kluwer.

Tille, P.M. (2017). [\*Bailey & Scott's Diagnostic Microbiology\*](#) (14<sup>th</sup> ed.). Elsevier.

**\*\*A new edition will be available March 2021\*\***

## **URINALYSIS & BODY FLUIDS**

Brunzel, N.A. (2018). [\*Fundamentals of Urine and Body Fluid Analysis\*](#) (4<sup>th</sup> ed.). St. Louis, MO: Elsevier.

Kjeldsberg, C. and Hussong, J. (2015). [\*Kjeldsberg's Body Fluid Analysis\*](#) (1<sup>st</sup> ed.). Chicago, IL: ASCP Press.

Mundt, L.A. & Shanahan, K. (2016). [\*Graff's Textbook of Urinalysis and Body Fluids\*](#) (3<sup>rd</sup> ed.). Burlington, MA: Jones & Bartlett Learning.

Strasinger, S.K. & Di Lorenzo, M.S. (2014). [\*Urinalysis and Body Fluids\*](#) (6<sup>th</sup> ed.). Philadelphia: F.A. Davis Company.

Sunheimer, R., Graves, L., Stockwin, W., & Gockel-Blessing, E. (2015). [\*Clinical Laboratory Urinalysis & Body Fluids\*](#) (1<sup>st</sup> ed.). Upper Saddle River, NJ: Prentice Hall.

## **O N L I N E**

### **BLOOD BANKING (IMMUNOHEMATOLOGY)**

[AABB](#)

[Blood Bank Guy – Transfusion Medicine Education](#)

[Indian Immunohematology Initiative](#)

### **CHEMISTRY**

[AACC](#)

[AACC Laboratory Medicine Practice Guidelines](#)

[AACC Clinical Chemistry Trainee Council \(CCTC\)](#)

### **HEMATOLOGY**

[CellAtlas – Blood Cell Morphology Guide](#)

[BloodLine Image Atlas \(Hematology Images\)](#)

[Hematology Outlines – Online Textbook & Atlas](#)

### **MICROBIOLOGY**

[ASM Clinical Microbiology Portal](#)

[Centers for Disease Control and Prevention \(CDC\)](#)

[Clinical and Laboratory Standards Institute \(CLSI\) publications](#)

[DPDx – CDC's Division of Parasitic Diseases and Malaria](#)