

SPECIALIST IN CYTOMETRY, SCYM(ASCP) INTERNATIONAL SPECIALIST IN CYTOMETRY, SCYM(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.

JOURNALS

- Barsky, et al. (2016). [International Society for Advancement of Cytometry \(ISAC\) Flow Cytometry Shared Resource Laboratory \(SRL\) Best Practices](#). *Cytometry*, 89(11), 1017-1030. <https://doi.org/10.1002/cyto.a.23016>
- Cossarizza, A., et al. (2019). [Guidelines for the Use of Flow Cytometry and Cell Sorting in Immunological Studies](#) (2nd ed.). *European Journal of Immunology*, 49(10), 1457-1973. <https://doi.org/10.1002/eji.201970107>
- Davis B.H., et al. (2013). [Validation of Cell-Based Fluorescence Assays: Practice Guidelines from the International Council for Standardization of Haematology and the International Clinical Cytometry Society](#). *Cytometry Part B: Clinical Cytometry*, 84(5), 279-357.
- Lee J.A., et al. (2008). [MIFlowCyt: The Minimum Information about a Flow Cytometry Experiment](#). *Cytometry. Part A: the Journal of the International Society for Analytical Cytology*, 73(10), 926-930. <https://doi.org/10.1002/cyto.a.20623>
- McFarlin, B.K. (Ed.). (2017). [Flow Cytometry](#). *Methods*, 112, pages 1-220.
- Snow, C. (2004). [Flow Cytometry Electronics](#). *Cytometry*, 57A, 63-69. <https://doi.org/10.1002/cyto.a.10120>
- Tung, J.W., et al. (2007). [Modern Flow Cytometry: A Practical Approach](#). *Clinics in Laboratory Medicine*, 27(3), 453-468. <https://doi.org/10.1016/j.cl.2007.05.001>
- Welsh, J.A., et al. (2020). [MIFlowCyt-EV: A Framework for Standardized Reporting of Extracellular Vesicle Flow Cytometry Experiments](#). *Journal of Extracellular Vesicles*, 9(1), 1713526. <https://doi.org/10.1080/20013078.2020.1713526>

TEXTS

GENERAL FLOW CYTOMETRY

- Givan, A. L. (2001). [Flow Cytometry: First Principles](#) (2nd ed.). New York: Wiley-Liss.
- Hawley, T.S. & Hawley, R.G. (Eds.). (2018). [Flow Cytometry Protocols](#) (4th ed.). New York: Humana Press.
- McCoy Jr., J.P. (Ed.). (2019). [Immunophenotyping Methods and Protocols](#). Humana Press.
- Ormerod, M.G. (2008). [Flow Cytometry: A Basic Introduction](#). Redhill: M. G. Ormerod.

CLINICAL FLOW CYTOMETRY

- Carey, J.L., McCoy, J.P., & Keren, D.F. (2007). [Flow Cytometry in Clinical Diagnosis](#) (4th ed.). Chicago: ASCP Press.
- CLSI. (2021). [Validation of Assays Performed by Flow Cytometry](#) (1st ed.). CLSI Guideline H62. Clinical and Laboratory Standards Institute.
- Dorfman, D.M., Karlson, W.J., & Linden, M.A. (2023). [Color Atlas of Flow Cytometry](#). College of American Pathologists.
- McPherson, R.A. & Pincus, M.R. (2021). [Henry's Clinical Diagnosis and Management by Laboratory Methods: Chapters 35 and 46](#) (24th ed.). Philadelphia: Elsevier.
- Nguyen, D.T., Diamond L.W., & Braylan, R.C. (2007). [Flow Cytometry in Hematopathology: A Visual Approach to Data Analysis and Interpretation](#) (2nd ed.). Totowa, NJ: Humana Press.
- Stevenson, M. (2007). [Clinical Flow Cytometric Analysis of Neoplastic Hematolymphoid Cells: Approved Guideline](#) (2nd ed.). Wayne, PA: Clinical and Laboratory Standards Institute.
- Stewart, C.C. & Nicholson, J.K. (Eds.). (2001). [Immunophenotyping: Chapters 5 – 12](#). New York: Wiley-Liss.
- Swerdlow, S.H., et al. (2017). [World Health Organization Classification of Tumour: Pathology and Genetics: Tumours of Haematopoietic and Lymphoid Tissues](#) (Revised 4th ed.). Lyon, France: IARC Press.

RESEARCH FLOW CYTOMETRY

Barteneva, N.S. & Vorobjev, I.A. (Eds.). (2016). [*Imaging Flow Cytometry: Methods and Protocols*](#). New York: Springer.
Shapiro, H.M. (2003). [*Practical Flow Cytometry*](#) (4th ed.). New York: Wiley-Liss.
Sobti R.C. & Krishan, A. (Eds.). (2003). [*Advanced Flow Cytometry: Applications in Biological Research*](#). Norwell, MA: Kluwer Academic Publishers.

LABORATORY ADMINISTRATION

U.S. Department of Health and Human Services (2020). [*Biosafety in Microbiological and Biomedical Laboratories*](#) (6th ed.). HHS. Publication No. (CDC) 300859.
Garcia, L.S. (2013). [*Clinical Laboratory Management*](#) (2nd ed.). Washington D.C.: ASM Press.
****A new edition will be available Spring 2024****
Harmening, D.M. (2020). [*Laboratory Management: Principles and Processes*](#) (4th ed.). St. Petersburg: D.H. Pub. & Consulting, Inc.

ONLINE

[The Single Cell Omics Group](#)

[Centers for Medicare and Medicaid Services](#) (includes CLIA regulations)

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

[Clinical Cytometry Education Network \(CCEN\)](#)

[College of American Pathologists \(CAP\)](#)

[International Society for Advancement of Cytometry \(ISAC\) Cyto University](#)

[International Clinical Cytometry Society \(ICCS\)](#)

- [International Clinical Cytometry Society \(ICCS\) Quality and Standards Committee](#)

[Occupational Safety & Health Administration \(OSHA\)](#)