

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

Suggested Reading for Examination Preparation

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JOURNALS

- Arnold, L.W. & Lannigan, J. (2010). [Practical Issues in High-Speed Cell Sorting](https://doi.org/10.1002/0471142956.cy0124s51). *Current Protocols in Cytometry*, 51, 1.24.1-1.24.30. <https://doi.org/10.1002/0471142956.cy0124s51>
- Barsky, L.W., et al. (2016). [International Society for Advancement of Cytometry \(ISAC\) Flow Cytometry Shared Resource Laboratory \(SRL\) Best Practices](https://doi.org/10.1002/cyto.a.23016). *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](https://doi.org/10.1002/eji.201970107) (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](https://doi.org/10.1002/cyto.b.12345). *Cytometry Part B: Clinical Cytometry*, 84(5), 279-357.
- Ferrer-Font, L., et al. (2021). [Panel Optimization for High-Dimensional Immunophenotyping Assays Using Full-Spectrum Flow Cytometry](https://doi.org/10.1002/cpz1.222). *Current Protocols*, 1(9), Article e222. <https://doi.org/10.1002/cpz1.222>
- Lee, J.A., et al. (2008). [MIFlowCyt: The Minimum Information about a Flow Cytometry Experiment](https://doi.org/10.1002/cyto.a.20623). *Cytometry. Part A: the Journal of the International Society for Analytical Cytology*, 73(10), 926-930. <https://doi.org/10.1002/cyto.a.20623>
- Tung, J.W., et al. (2007). [Modern Flow Cytometry: A Practical Approach](https://doi.org/10.1016/j.cll.2007.05.001). *Clinics in Laboratory Medicine*, 27(3), 453-468. <https://doi.org/10.1016/j.cll.2007.05.001>
- Welsh, J.A., et al. (2020). [MIFlowCyt-EV: A Framework for Standardized Reporting of Extracellular Vesicle Flow Cytometry Experiments](https://doi.org/10.1080/20013078.2020.1713526). *Journal of Extracellular Vesicles*, 9(1), 1713526. <https://doi.org/10.1080/20013078.2020.1713526>

TEXTS

GENERAL FLOW CYTOMETRY

- Hawley, T.S. & Hawley, R.G. (Eds.). (2024). [Flow Cytometry Protocols](#) (5th 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

- CLSI. (2007). [Enumeration of Immunologically Defined Cell Populations by Flow Cytometry; Approved Guideline](#) (2nd ed.). CLSI H42-A2. Clinical Laboratory Standards Institute.
- CLSI. (2021). [Validation of Assays Performed by Flow Cytometry](#) (1st ed.). CLSI 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.
- 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.
Ortolani, C. (2022). [*Flow Cytometry Today: Everything You Need to Know about Flow Cytometry*](#). Switzerland: Springer.
Shapiro, H.M. (2003). [*Practical Flow Cytometry*](#) (4th ed.). New York: Wiley-Liss.

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., et al. (Eds.). (2024). [*Clinical Laboratory Management*](#) (3rd ed.). Washington D.C.: ASM Press.
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 \(OSHA\)](#)