

## SPECIALIST IN CYTOMETRY, SCYM(ASCP) INTERNATIONAL SPECIALIST IN CYTOMETRY, SCYM(ASCP<sup>i</sup>)

### Suggested Reading for Examination Preparation

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#### 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. (2021). [Guidelines for the Use of Flow Cytometry and Cell Sorting in Immunological Studies](#) (3<sup>rd</sup> ed.). *European Journal of Immunology*, 51(12), 2708-3145. <https://doi.org/10.1002/eji.202170126>
- 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](#) (2<sup>nd</sup> ed.). New York: Wiley-Liss.
- Hawley, T.S. & Hawley, R.G. (Eds.). (2018). [Flow Cytometry Protocols](#) (4<sup>th</sup> 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., Karen, D.F., & McCoy Jr., J.P., (2007). [Flow Cytometry in Clinical Diagnosis](#) (4<sup>th</sup> ed.). Chicago: ASCP Press.
- CLSI. (2021). [Validation of Assays Performed by Flow Cytometry](#) (1<sup>st</sup> ed.). CLSI Guideline H62. Clinical and Laboratory Standards Institute.
- McPherson, R.A. & Pincus, M.R. (2021). [Henry's Clinical Diagnosis and Management by Laboratory Methods: Chapters 35 and 46](#) (24<sup>th</sup> 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](#) (2<sup>nd</sup> ed.). Totowa, NJ: Humana Press.
- Stevenson, M. (2007). [Clinical Flow Cytometric Analysis of Neoplastic Hematolymphoid Cells: Approved Guideline](#) (2<sup>nd</sup> 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 4<sup>th</sup> 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.
- McGuire, H.M. & Ashhurst, T.M. (2019). [\*Mass Cytometry: Methods and Protocols\*](#). New York: Springer.
- Shapiro, H.M. (2003). [\*Practical Flow Cytometry\*](#) (4<sup>th</sup> 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\*](#) (6<sup>th</sup> ed.). HHS. Publication No. (CDC) 300859.
- Garcia, L.S. (2013). [\*Clinical Laboratory Management\*](#) (2<sup>nd</sup> ed.). Washington D.C.: ASM Press.
- Harmening, D.M. (2020). [\*Laboratory Management: Principles and Processes\*](#) (4<sup>th</sup> 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 \(CCEN\)](#)
- [Clinical Laboratory Management Association \(CLMA\)](#)
- [College of American Pathologists \(CAP\)](#)
- [International Society for Advancement of Cytometry \(ISAC\) Cyto University](#)
- [International Clinical Cytometry Society \(ICCS\) Quality and Standards Committee](#)
- [Occupational Safety & Health Administration \(OSHA\)](#)