ASCP BOC ASCP BOARD OF CERTIFICATION

SPECIALIST IN CYTOMETRY, SCYM(ASCP)
INTERNATIONAL SPECIALIST IN CYTOMETRY, SCYM(ASCP^{i})

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 ASCP BOC wish to imply that the content of the examination will be drawn solely from these publications.

JOURNALS

Arnold, L.W. & Lannigan, J. (2010). Practical Issues in High-Speed Cell Sorting. *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. *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.

Ferrer-Font, L., et al. (2021). Panel Optimization for High-Dimensional Immunophenotyping Assays Using Full-Spectrum Flow Cytometry. *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. *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. *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. *Journal of Extracellular Vescicles, 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., Karlon, 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.

WHO Classification of Tumours Editorial Board. (2024). *WHO Classification of Tumours: Haematolymphoid Tumours, Part A* (5th ed., Vol. 11). Lyon, France: IARC Press.

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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. Pulication 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)