

TECHNOLOGIST IN CYTOGENETICS, CG(ASCP) INTERNATIONAL TECHNOLOGIST IN CYTOGENETICS, CG(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.

JOURNAL ARTICLES

- Cooley, L.D., et al. (2013). [American College of Medical Genetics and Genomics technical standards and guidelines: microarray analysis for chromosome abnormalities in neoplastic disorders](#). *Genetics in Medicine*, 15(6), 484-94. <https://doi.org/10.1038/gim.2013.49>
- Manning, M. and Hudgins, L. (2010, Nov). [Array-based technology and recommendations for utilization in medical genetics practice for detection of chromosomal abnormalities](#). *Genetics in Medicine*, 12(11), 742-5. <https://doi.org/10.1097/GIM.0b013e3181f8baad>
- Miller, D.T., et al. (2010, May). [Consensus statement: chromosomal microarray is a first-tier clinical diagnostic test for individuals with developmental disabilities or congenital anomalies](#). *American Journal of Human Genetics*, 86(5), 749-764. <https://doi.org/10.1016/j.ajhg.2010.04.006>
- Riggs, E.R., et al. (2012, May). [Towards an evidence-based process for the clinical interpretation of copy number variation](#). *Clinical Genetics*, 81(5), 403-12. <https://doi.org/10.1111/j.1399-0004.2011.01818.x>
- South, S.T., et al. (2013). [ACMG Standards and Guidelines for constitutional cytogenomic microarray analysis, including postnatal and prenatal applications: revision 2013](#). *Genetics in Medicine*, 15, 901-909. <https://doi.org/10.1038/gim.2013.129>
- Wiktor, A.E., Van Dyke, D.L., Stupca, P.J., et al. (2006, Jan). [Preclinical validation of fluorescence in situ hybridization assays for clinical practice](#). *Genetics in Medicine*, 8, 16-23. <https://doi.org/10.1097/01.gim.0000195645.00446.61>
- Wolff, D.J., et al. (2007, April). [Guidance for Fluorescence in Situ Hybridization Testing in Hematologic Disorders](#). *The Journal of Molecular Diagnostics*, 9(2), 134-143. <https://doi.org/10.2353/jmoldx.2007.060128>

TEXTS

- Arsham, M.S., Barch, M.J., & Lawce, H.J. (Eds.). (2017). [The AGT Cytogenetics Laboratory Manual](#) (4th ed.). Wiley-Blackwell.
- Astbury, C. (Ed.). (2011). [Clinical Cytogenetics: Clinics in Laboratory Medicine](#) (1st ed.). Saunders.
- Campbell, J.B. & Campbell, J.M. (1997). [Laboratory Mathematics: Medical and Biological Applications](#) (5th ed.). Mosby.
- Dunn, B., Mouchrani, P. & Keagle, M. (Eds.). (2005). [The Cytogenetic Symposia](#) (2nd ed.). Lenexa, KS: Association of Genetic Technologists.
- Gardner, R.J.M. & Amor, D.J. (2018). [Gardner and Sutherland's: Chromosome Abnormalities and Genetic Counseling](#) (5th ed.). New York: Oxford University Press.
- Gersen, S.L. & Keagle, M.B. (Eds.). (2013). [The Principles of Clinical Cytogenetics](#) (3rd ed.). New York: Springer Verlag.
- Heim, S. & Mitelman, F. (2015). [Cancer Cytogenetics: Chromosomal and Molecular Genetic Aberrations of Tumor Cells](#) (4th ed.). New York: Wiley-Blackwell.
- McGowan-Jordan, J., Simons, A., & Schmid, M. (Eds.). (2016). [ISCN 2016: An International System for Human Cytogenetic Nomenclature](#). Switzerland: S. Karger Publishing.
- Nussbaum, et al. (2016). [Thompson and Thompson: Genetics in Medicine](#) (8th ed.). Philadelphia, PA: Elsevier, Inc.
- Swerdlow, S.H., et al. (Eds.). (2017). [WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues](#) (Revised 4th ed.). Lyon, France: IARC Press.

ONLINE

[ACMG Standards and Guidelines for Clinical Genetics Laboratories, 2008 edition](#)

[American College of Medical Genetics and Genomics \(ACMG\)](#)

[The American Society of Human Genetics \(ASHG\)](#)

[Association of Genetic Technologists \(AGT\)](#)

[Atlas of Genetics and Cytogenetics in Oncology and Haematology](#)

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

[Office of Inspector General Compliance Program Guidance for Clinical Laboratories](#)

[U.S. Department of Health and Human Services Health Information Privacy \(HIPAA\)](#)

[U.S. Department of Labor Occupational Safety & Health Administration \(OSHA\)](#)