

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

Suggested Reading for Examination Preparation

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JOURNAL ARTICLES

- Kearney, H.M., Kearney, J.B., Conlin, L.K. (2011, Dec). Diagnostic Implications of Excessive Homozygosity Detected by SNP-Based Microarrays: Consanguinity, Uniparental Disomy, and Recessive Single-Gene Mutations. *Clinics in Laboratory Medicine*, 31(4):595-613. [Link to View](#)
- 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. [Link to View](#)
- McDaniel, G. (2013, Feb). Ergonomic issues in the clinical lab: common stressors and risk reduction steps are explored. *ADVANCE for Medical Laboratory Professionals*, 25(2): 6-8. [Link to View](#)
- 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, 749-764. [Link to View](#)
- 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. [Link to View](#)
- 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. [Link to View](#)
- 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. [Link to View](#)

TEXTS

- Arsham, M.S., Barch, M.J., & Lawce, H.J. (Eds.). (2017). *The AGT Cytogenetics Laboratory Manual* (4th ed.). Wiley-Blackwell. [Link to Purchase](#)
- Astbury, C. (Ed.). (2011). *Clinical Cytogenetics: Clinics in Laboratory Medicine* (1st ed.). Saunders. [Link to Purchase](#)
- Campbell, J.B. & Campbell, J.M. (1997). *Laboratory Mathematics: Medical and Biological Applications* (5th ed.). Mosby. [Link to Purchase](#)
- Dunn, B., Mouchrani, P. & Keagle, M. (Eds.). (2005). *The Cytogenetic Symposia* (2nd ed.). Lenexa, KS: Association of Genetic Technologists. [Link to Purchase](#)
- Gardner, R.J.M. & Amor, D.J. (2018). *Gardner and Sutherland's: Chromosome Abnormalities and Genetic Counseling* (5th ed.). New York: Oxford University Press. [Link to Purchase](#)
- Gersen, S.L. & Keagle, M.B. (Eds.). (2013). *The Principles of Clinical Cytogenetics* (3rd ed.). New York: Springer Verlag. [Link to Purchase](#)
- Heim, S. & Mitelman, F. (2015). *Cancer Cytogenetics: Chromosomal and Molecular Genetic Aberrations of Tumor Cells* (4th ed.). New York: Wiley-Blackwell. [Link to Purchase](#)
- McGowan-Jordan, J., Simons, A., & Schmid, M. (Eds.). (2016). *ISCN 2016: An International System for Human Cytogenetic Nomenclature*. Switzerland: S. Karger Publishing. [Link to Purchase](#)
- Miller, O.J. and Therman, E. (2000). *Human Chromosomes* (4th ed.). New York: Springer. [Link to Purchase](#)
- Nussbaum, et al. (2016). *Thompson and Thompson: Genetics in Medicine* (8th ed.). Philadelphia, PA: Elsevier, Inc. [Link to Purchase](#)
- Rooney, D.E. (Ed.). (2001) *Human Cytogenetics: A Practical Approach. Volume 1: Constitutional Analysis* (3rd ed.). New York: Oxford University Press. [Link to Purchase](#)

- Rooney, D.E. (Ed.) (2001). *Human Cytogenetics: A Practical Approach. Volume 2: Malignancy and Acquired Abnormalities* (3rd ed.). New York: Oxford University Press. [Link to Purchase](#)
- Swerdlow, S.H., et al. (Eds.). (2017). *WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues* (Revised 4th ed.). Lyon, France: IARC Press. [Link to Purchase](#)

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| ACMG Standards and Guidelines for Clinical Genetics Laboratories, 2008 edition | Link to View |
| American College of Medical Genetics and Genomics (ACMG) | Link to View |
| The American Society of Human Genetics (ASHG) | Link to View |
| Association of Genetic Technologists (AGT) | Link to View |
| Atlas of Genetics and Cytogenetics in Oncology and Haematology | Link to View |
| College of American Pathologists (CAP) | Link to View |
| Office of Inspector General Compliance Program Guidance for Clinical Laboratories | Link to View |
| U.S. Department of Health and Human Services Health Information Privacy (HIPAA) | Link to View |
| U.S. Department of Labor Occupational Safety & Health Administration (OSHA) | Link to View |