



Medical Genetics Updated Edition for 2006 - 2007: With Student Consult Online Access, 3e

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Mosby, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1 Background and History, 1 What is Medical Genetics? 1 Why is a Knowledge of Medical Genetics Important for Todays Health Care Practitioner? 1 A Brief History, 1 Types of Genetic Diseases, 3 The Clinical Impact of Genetic Disease, 42 Basic Cell Biology: Structure and Function of Genes and Chromosomes, 6 DNA, RNA, and Proteins: Heredity at the Molecular Level, 7 The Structure of Genes and the Genome, 19 The Cell Cycle, 23 3 Genetic Variation: Its Origin and Detection, 29 Mutation The Source of Genetic Variation, 29 Detection and Measurement of Genetic Variation, 40 [this section will de-emphasize RFLP technology, which is now quite dated, and will contain more material on newer methods such as DNA chips, microarrays, and PCR-free detection of polymorphisms] 4 Autosomal Dominant and Recessive Inheritance, 58 Basic Concepts of Formal Genetics, 58 Autosomal Dominant Inheritance, 64 Autosomal Recessive Inheritance, 66 Factors that May Complicate Inheritance Patterns, 69 Consanguinity in Human Populations, 84 5 Sex-Linked and Mitochondrial Inheritance, 89 X inactivation, 89 Sex-Linked Inheritance, 91 Sex-Limited and Sex-Influenced Traits, 102 Mitochondrial Inheritance 6 Clinical Cytogenetics: The Chromosomal Basis...



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