



## Medical Genetics

By G. Bradley Schaefer, Jr., James N. Thompson

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**Medical Genetics** By G. Bradley Schaefer, Jr., James N. Thompson

### **A complete introductory text on how to integrate basic genetic principles into the practice of clinical medicine**

*Medical Genetics* is the first text to focus on the everyday application of genetic assessment and its diagnostic, therapeutic, and preventive implications in clinical practice. It is intended to be a text that you can use throughout medical school and refer back to when questions arise during residency and, eventually, practice. *Medical Genetics* is written as a narrative where each chapter builds upon the foundation laid by previous ones. Chapters can also be used as stand-alone learning aids for specific topics. Taken as a whole, this timely book delivers a complete overview of genetics in medicine. You will find in-depth, expert coverage of such key topics as:

- The structure and function of genes
- Cytogenetics
- Mendelian inheritance
- Mutations
- Genetic testing and screening
- Genetic therapies
- Disorders of organelles
- Key genetic diseases, disorders, and syndromes

Each chapter of *Medical Genetics* is logically organized into three sections:

1. Background and Systems – Includes the basic genetic principles needed to understand the medical application
2. Medical Genetics – Contains all the pertinent information necessary to build a strong knowledge base for being successful on every step of the USMLE
3. Case Study Application – Incorporates case study examples to illustrate how basic principles apply to real-world patient care

Today, with every component of health care delivery requiring a working knowledge of core genetic principles, *Medical Genetics* is a true must-read for every clinician.

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## **Medical Genetics By G. Bradley Schaefer, Jr., James N. Thompson Bibliography**

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