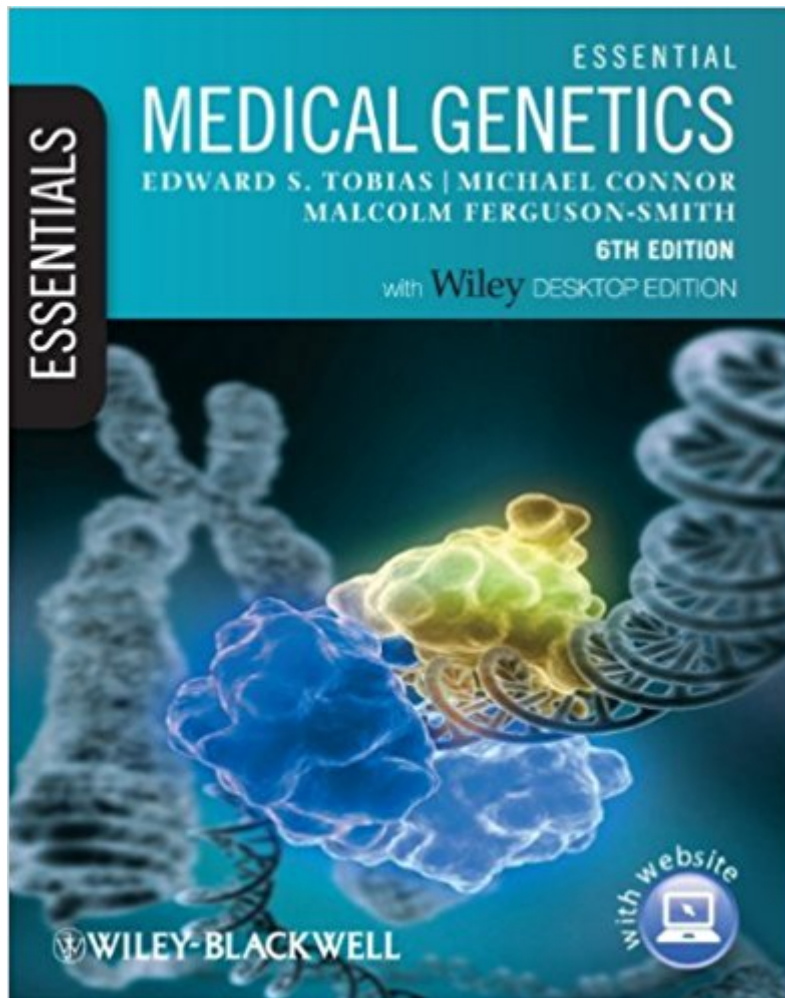




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# Essential Medical Genetics, Includes Desktop Edition



## Synopsis

Adopted at Cambridge University Essential Medical Genetics provides students, clinicians, counsellors and scientists with the up-to-date information they need regarding the basic principles underlying medical genetics. It also provides guidance on how to apply current knowledge in clinical contexts, covering a wide variety of topics: from genome structure and function to mutations, screening and risk assessment for inherited disorders. This sixth edition has been substantially updated to include, for instance, the latest information on the Human Genome Project as well as several new molecular genetic and chromosome analysis techniques. In full colour throughout, it includes a number of brand new features, including: a large number of self-assessment questions; 'Essentials' chapter summaries; further reading suggestions; and case study scenarios introducing clinical situations. An invaluable new section gives illustrated practical advice regarding how to choose the best available online genetic databases and also, importantly, how to most easily and most efficiently use them, for a wide range of purposes. Essential Medical Genetics is the perfect resource for a course on medical genetics, and is now accompanied by a regularly updated website and the FREE enhanced Wiley Desktop Edition (upon purchase of the book). The companion website at [www.wiley.com/go/tobias](http://www.wiley.com/go/tobias) features figures from the book in PowerPoint format and a link to the authors' website with regularly updated links to genetic databases and additional self-test questions. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

## Book Information

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## Customer Reviews

“Essential Medical Genetics is the perfect resource for a course on medical genetics, and is now accompanied by a regularly updated website and the FREE enhanced Wiley Desktop Edition (upon purchase of the book).” (MedReport, 9 October 2012)

“I have watched this textbook from its first inception and was disappointed that there was no new edition for so many years. Having waited, the result now is excellent and it has overcome my preference for Emery’s Elements as a basic human genetics text.”

• Emeritus Professor in Clinical Genetics “I find the reference to electronic resources particularly useful, especially for people who approach clinical genetics for the first time and are not familiar with these tools.” Dr Sixto García-Miñán, Imperial College London, and Hospital Universitario La Paz, Madrid, Spain

Reviews of the previous edition “This book is an easy to read, well illustrated introduction to medical genetics. It deals nicely with all the classical aspects of the subject...” Black Bag, Medical Students’ Society of Bristol University “...a justifiably popular introductory text.” The British Medical Journal

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Essential Medical Genetics is a very updated and concise book about medical genetics, its desktop

edition is also a very easy source to consult.

A great text for medical school level genetics. Helped me to put certain concepts into context and understand them better.

I am an OBGYN MFM specialist and this is the best textbook for bringing me current in the field of genetics

This book provided me with the basic understanding of Medical Genetics and the essentials of its clinical application. The book's first chapters (Part 1) discuss the processes of gametogenesis, the structure and function of chromosomes, nucleic acids and DNA analysis methods. The following chapters (Part 1) give a detailed explanation with examples of different types of inheritance (typical mendelian inheritance, atypical mendelian inheritance, and non-mendelian inheritance). Part 2 provides insight about clinical genetics, genetic counselling, and screening methodologies. Part 3 provides guidance for the use of electronic databases which i find very improtant for clinicians, scientists, and student who which to pursue a career in medical genetics.I would highly recommend this textbook as a sufficient source of medical genetics readings due to its simplicity and depths at the same time.

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