Combines basic science and clinical pulmonology in one convenient volume. This authoritative reference brings together current knowledge in the field of respiratory genetics, and includes a comprehensive introductory section to provide guidance and aid understanding of key basic concepts in respiratory genetics, including statistical methods, sample collection and storage, bioinformatics, and molecular genetics.

This is followed by a series of disease-specific chapters which review epidemiology; natural history; monogenic components and complex traits where relevant; disease management, including genetic counseling issues; and likely future developments. Chapters are written in a uniform structure—ensuring consistency of approach throughout—and each concludes with a summary highlighting practical “take-home” messages regarding patient management for the reader. It is also highly illustrated, including color plates where appropriate.