

The Biochemical Genetics of Man

2nd
Edition

edited by **D. J. H. Brock and O. Mayo**

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The first edition of this outstanding treatment of human genetics has, since its publication in 1972, established for itself a permanent niche in many university biochemistry and genetics courses as the standard reference work in the field. It was then regarded as a pioneer study, attempting a comprehensive treatment of both theory and fact, and balancing detail with an understanding of underlying principle. This second edition follows, to a large extent, the format and content of the first. However, the editors have been particularly concerned not only to incorporate recent findings wherever possible, but more particularly to strengthen the chapters dealing with principles, thus adding to the book's reference value.

The book deals with both the more conventional subjects of biochemical genetics, such as inborn errors of metabolism and protein polymorphism, and other aspects of the molecular variation of man, such as blood groups, leucocyte antigens, haemoglobin diseases, immunoglobulinopathies and disorders of coagulation. The role of polymorphism in evolution, and future directions in as yet unsolved Mendelian diseases, are also treated. These topics are covered comprehensively and at various points related back to the first three chapters in which the molecular basis of variation is fully discussed.

This second edition will be an invaluable source of reference for researchers and students in human genetics, while paediatricians, haematologists, immunologists, biochemists and other medical workers with an interest in genetics will also find it useful.

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