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Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 80 years the Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the fluctuating degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some have been combined under a new name whereas others have had to be discontinued. The current list of Specialist Periodical Reports can be seen on the inside flap of this volume. Intake of a sufficient diet will provide an individual to live a healthy and functional life. However, poor intake of different nutritional components, such as proteins, vitamins, minerals, and trace elements, may lead to health problems that can cause morbidity and finally mortality. Assessment of nutritional status involves physical examination, comprehensive evaluation of biochemical tests, body composition, and organ functions. Both high and low intake of nutritional elements may lead to significant health impairment. The main aim of the book Nutritional Deficiency is to determine the relationships between nutritional status and general health. The authors, who are contributing to the book, particularly focused on iron, vitamin D, and zinc deficiencies, which are global health problems. Besides, some chapters mention the impact of different nutritional deficiencies in susceptible periods of life, such as pregnancy and elderly. Besides, as a result of these deficiencies, different health conditions, such as depression, anemia, loss of neuronal plasticity, and cancer, are widely scrutinized in the book. One chapter mainly focuses on the effects of disasters on nutrition and disaster-caused malnutrition in underdeveloped countries. This book will widen the knowledge store of the readers on the effects of nutrition on general health, how nutritional deficiencies arise when there is a health problem, and how the nutritional status affects susceptible populations. The literature on cytokine genetics is vast, so vast that it is now practically beyond the time or logistical constraints of most scientists to successfully keep pace with it. A compilation of the latest research, Cytokine Gene Polymorphisms in Multifactorial Conditions brings together, reviews, and structures up-to-date information on polymorphisms in cytokine genes. It discusses haplotype structures and linkage disequilibrium patterns in cytokine gene loci: functional biological effects of polymorphisms; and genetic associations with disease. The book documents polymorphisms in the most important cytokine genes, or gene clusters, and their biological and genetic effects in a multitude of distinct multifactorial conditions. Unique to this book are the "disease-centered" chapters examining the role of cytokine gene polymorphisms in a multitude of multifactorial conditions. The conditions include autoimmune or chronic inflammatory diseases, cardiovascular disease, infectious diseases, and longevity. "This section is a real tour de force" (Grant Gallagher and Michael F. Seldin, March 2006). Broadening the understanding of the effect of genetic variations on human immune responses, the organization, scope, and content of this book make it a valuable and easily accessible resource. The book integrates genetic, immunological, and clinical information and will serve as a reference for novice and expert geneticists, immunologists, cell biologists and clinicians. It is a must for everyone involved in, or planning, cytokine genetics or immunogenetics studies.

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