Nutritional Genomics: Impact on Health and Disease

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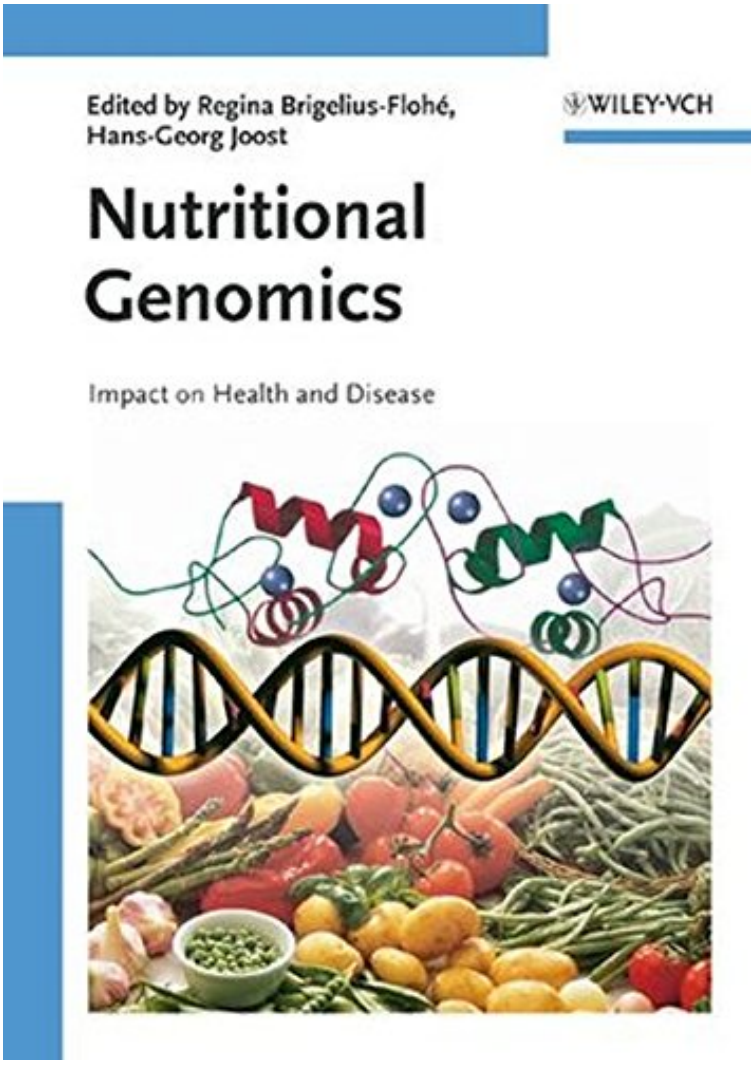

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From Brand: Wiley-Blackwell : Nutritional Genomics: Impact on Health and Disease before purchasing it in order to gage whether or not it would be worth my time, and all praised Nutritional Genomics: Impact on Health and Disease:

0 of 0 people found the following review helpful. goodBy endre mathegreat book, a lot of good and relevant topics related to genes and nutrition

Nutritional genomics paves the way for novel applications in medicine and human nutrition, and this volume presents the latest data on how genetic variation is associated with dietary response and how nutrients influence gene

expression. In so doing, it brings together the various disciplines involved in this field of research, making this essential reading for nutritionists, biochemists and molecular biologists.

From the Back CoverNutritional genomics is a highly innovative and fast-growing field, linking genome research, plant biotechnology and molecular nutritional research. It covers nutrigenomics, which explores the effects of nutrients on the genome, proteome and metabolome, as well as nutrigenetics, the major goal of which is to elucidate the effect of genetic variation on the interaction between diet and disease. Nutritional genomics thus paves the way for novel applications in medicine and human nutrition. This book presents the latest data on how genetic variation is associated with dietary response and how nutrients influence gene expression, bringing together the various disciplines involved in research. The result is essential reading for nutritionists, biochemists and molecular biologists.About the AuthorProfessor Regina Brigelius-Floh is the head of the Department of Biochemistry of Micronutrients in the German Institute of Human Nutrition, Potsdam, Germany. Prior to her position in this institute, she worked in industry in the Center of Research of Gruenenthal GmbH and in the Institute for Molecular Pharmacology in Hannover, Germany. Her work has focused on understanding the mechanisms by which small nutrient molecules such as selenium and vitamin E contribute to human health Professor Hans-Georg Joost was made scientific director of the German Institute of Human Nutrition in 2002. Throughout his career he has published more than 100 peer-reviewed papers, with a primary focus on obesity research.