



## Omics in Clinical Practice: Genomics, Pharmacogenomics, Proteomics, and Transcriptomics in Clinical Research (Hardback)

By -

Apple Academic Press Inc., Canada, 2014. Hardback. Condition: New. Language: English . Brand New Book. This title includes a number of Open Access chapters. This book serves as an introduction to genomics, proteomics, and transcriptomics, putting these fields in relation to human disease and ailments. The various chapters consider the role of translation and personalized medicine, as well as pathogen detection, evolution, and infection, in relation to genomics, proteomics, and transcriptomics. The topic of companion diagnostics is also covered. The book is broken into five sections. Part I examines the connection between omics and human disease. Part II looks at the applications for the fields of translational and personalized medicine. Part III focuses on molecular and genetic markers. Part IV describes the use of omics while studying pathogens, and Part V examines the applications for companion diagnostics. The book: \* Introduces genomics, proteomics, and transcriptomics in relation to human disease and ailments \* Considers the role of translation and personalized medicine in relation to genomics, proteomics, and transcriptomics \* Covers molecular and genetic markers \* Considers the role of genomics, proteomics, and transcriptomics in relation to pathogen detection, evolution, and infection \* Covers companion diagnostics in relation to genomics, proteomics,...



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