

GENETIC ASSOCIATION STUDIES:

Background, Conduct, Analysis, Interpretation

Genetic Association Studies covers all aspects of genetic association studies from the laboratory to analysis and interpretation of results, including background information from molecular genetics, population genetics, medical genetics, epidemiology, and statistics. The role of the environment in disease genetics is also considered. Although genome-wide association studies now dominate genetic epidemiology, candidate gene studies continue to be performed and are included. All methods of genotyping are discussed, as well as chapters on translational bioinformatics and the use of genetic associations in medical practice. *Genetic Association Studies* demystifies the key concepts of genetic epidemiology for those with no formal epidemiological training and is a valuable resource for all readers interested in genetic associations.

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