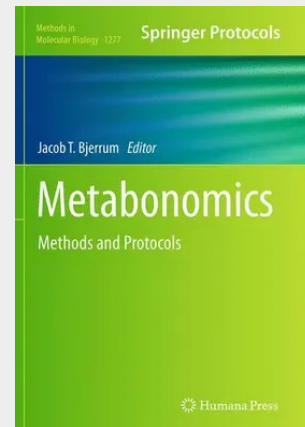


Metabonomics

Methods and Protocols

This volume on metabonomics provides detailed information on the procedures involved in nuclear magnetic resonance (NMR) spectroscopy, gas chromatography-mass spectrometry (GS-MS), liquid chromatography-mass spectrometry (LC-MS), and capillary electrophoresis-mass spectrometry (CE-MS). Chapters focus on technologies and chemometrics, generation of metabonomics data, extraction of meaningful information from data, drug development, toxicology, diagnostics, and describing metabonomics as an essential part of systems biology. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

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