

Methods in Molecular Biology 708

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Metabolic Profiling

Methods and Protocols

At the intersection of metabolite analysis, metabolic fingerprinting, and metabolomics, the study of metabolic profiling has evolved steadily over the course of time as have the methods and technologies involved in its study. In *Metabolic Profiling: Methods and Protocols*, expert researchers in the field present protocols that are illustrative of the evolution of metabolic profiling from single molecule analysis to global metabolome profiling. Comprised of the most essential techniques, this volume covers topics from inborn errors of metabolism and drug metabolite analysis to nuclear magnetic resonance metabolic profiles. Written in the highly successful *Methods in Molecular Biology*™ series format, chapters include introductions to their respective subjects, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Authoritative and practical, *Metabolic Profiling: Methods and Protocols* serves as a resource for both established and new investigators in this vital and everdeveloping field.

Life Sciences

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