



Sample Preparation Techniques for Soil, Plant, and Animal Samples

By Miodrag Micic

Springer-Verlag GmbH Feb 2016, 2016. Buch. Book Condition: Neu. 241x162x22 mm. Neuware - This protocol volume will be the first publication to comprehensively cover entire spectrum of molecular biology sample preparation techniques commonly used to extract and isolate nucleic acids, proteins and other molecules of interests, from plants, animals and environmental samples and similar difficult samples. Sample preparation is considered to be the first and most significant bottleneck in the molecular biology lab workflow, and it is very peculiar fact that while there is an estimated \$3.6B market (Bcc Research Report (BIO089A, 2010) in sample preparation consumables and equipment for Genomics, Proteomics, and Epigenetics; and that approximately 180,000 people worldwide are performing sample preparation techniques in the lab daily, there is no single book dealing exclusively with this topic. The proposed book will present an in depth literature review of current state-of-the-art knowledge in all aspects of molecular biology related sample preparations methods, techniques and applications, and provide a comprehensive collection of practical recipes and advice on the most efficient methods of processing the most common sample types in agriculture, plant science, soil science, environmental science, and animals research. The book will be an essential tool for demystifying time...



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