

### Dried Blood Spots: Applications and Techniques (Wiley Series on Pharmaceutical Science and Biotechnology: Practices, Applications and Methods)

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### An informative and comprehensive book on the applications and techniques of dried blood spot sampling

Dried blood spot (DBS) sampling involves the collection of a small volume of blood, via a simple prick or other means, from a study subject onto a cellulose or polymer paper card, which is followed by drying and transfer to the laboratory for analysis. For many years, this method of blood sample collection has been extensively utilized in some important areas of human healthcare (for example, newborn screening for inherited metabolic disorders and HIV-related epidemiological studies). Because of its advantages over conventional blood, plasma, or serum sample collection, DBS sampling has been valued by the pharmaceutical industry in drug research and development.

*Dried Blood Spots: Applications and Techniques* features contributions from an international team of leading scientists in the field. Their contributions present a unique resource on the history, principles, procedures, methodologies, applications, and emerging technologies related to DBS.

Presented in three parts, the book thoroughly examines:

- Applications of DBS sampling and associated procedures and methodologies in various human healthcare studies
- Applications and perspectives of DBS sampling in drug research and development, and therapeutic drug monitoring
- New technologies and emerging applications related to DBS sampling and analysis

*Dried Blood Spots: Applications and Techniques* is a valuable working guide for researchers, professionals, and students in healthcare, medical science,

diagnostics, clinical chemistry, and pharmaceuticals, etc.

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#### **Editorial Review**

From the Back Cover

"Threads of Labour" draws on a rich body of action research gathered by organisations supporting women workers in ten different garment-producing locations in Asia, Europe and Mexico. This research provides important new empirical information about the global garment industry and also creates a blueprint for conducting worker-oriented action research in order to better understand and resist the negative impact of globalization on labour.

This book combines bottom-up research conducted by women workers' organisations with the latest academic research and debate. It seeks to ensure that workers' voices reach those who are trying to reconfigure global capitalism in more humane directions. Finally, it explores the ways in which workers might begin to develop new forms of organization that are more suited to securing gains in the global garment industry than those strategies deployed in the past.

About the Author

**WENKUI LI** currently serves as Senior Fellow in the Department of Drug Metabolism & Pharmacokinetics at Novartis Institutes for BioMedical Research, where he focuses on regulated LC-MS/MS bioanalysis for the toxicokinetic and pharmacokinetic assessment of drug candidates. Dr. Li is a member of the editorial board of *Biomedical Chromatography*.

MIKE S. LEE currently serves as a provider of consulting services specializing in pharmaceutical analysis, accelerated drug discovery and development strategies, and analytical technologies. He has delivered many presentations as invited speaker, plenary speaker, and workshops instructor in the areas of drug discovery and development at universities, conferences, and industrial technical centers. He has published numerous papers and books and obtained two U.S. patents.

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