



## Flow Cytometry: First Principles (2nd Revised edition)

By Alice Longobardi Givan

John Wiley & Sons Inc. Paperback. Book Condition: new. BRAND NEW, Flow Cytometry: First Principles (2nd Revised edition), Alice Longobardi Givan, Flow cytometry continually amazes scientists with its ever-expanding utility. Advances in flow cytometry have opened new directions in theoretical science, clinical diagnosis, and medical practice. The new edition of Flow Cytometry: First Principles provides a thorough update of this now classic text, reflecting innovations in the field while outlining the fundamental elements of instrumentation, sample preparation, and data analysis. Flow Cytometry: First Principles, Second Edition explains the basic principles of flow cytometry, surveying its primary scientific and clinical applications and highlighting state-of-the-art techniques at the frontiers of research. This edition contains extensive revisions of all chapters, including new discussions on fluorochrome and laser options for multicolor analysis, an additional section on apoptosis in the chapter on DNA, and new chapters on intracellular protein staining and cell sorting, including high-speed sorting and alternative sorting methods, as well as traditional technology. This essential resource: \* Assumes no prior knowledge of flow cytometry \* Progresses with an informal, engaging lecture style from simple to more complex concepts \* Offers a clear introduction to new vocabulary, principles of instrumentation, and strategies for data analysis \* Emphasizes the theory relevant to...



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