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Nota di contenuto	(Publisher-supplied data) Chapter 1: Basics of Flow Cytometry Chapter 2: Practical Considerations for Flow Cytometric Sorting of Stem cells Chapter 3: Stem Cell Analysis and Sorting Using Side Population (SP) Chapter 4: Flow Cytometry in the Study of Proliferation and Apoptosis Chapter 5: Flow Cytometric Analysis of Drug Transport and Efflux in Stem Cells Chapter 6: Stem Cell Biology and Application Chapter 7: Identification and Isolation of Very Small Embryonic-Like Stem Cells (VSELs) from Murine and Human Specimens Chapter 8: Electronic Volume of Hematopoietic Stem Cells Chapter 9: Hematopoietic stem Cells ? Issues in Enumeration Chapter 10: Embryonic Stem Cells:

Development and Characterization Chapter 11: Human Embryonic Stem cells: Long- term Culture and Cardiovascular Differentiation. Chapter 12: Mesenchymal Stromal Cells and Their Clinical Applications Chapter 13: Circulating Adult Stem Cells of Haematopoietic Origin for Vascular and Neural Regeneration Chapter 14: Flow Cytometric Characterization of Neural Progenitors Derived from Human Pluripotent Stem Cells Chapter 15: Limbal Stem Cells and Corneal Regeneration Chapter 16: Flow Cytometric Sorting of Spermatogonial Stem Cells Chapter 17: Breast Cancer Stem Cells Chapter 18: Stem Cell Marker Expression in Cells from Body Cavity Fluids.

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Sommario/riassunto

"In most labs, training and resources are not available to teach methods of flow cytometry. Except for the original publications there are no books which talk about these sophisticated methods for stem cell analysis. There is need for a book which will review these procedures, discuss the science behind them, and show real examples to illustrate the usefulness of the methods. Besides using this book in work shops, it will be a valuable addition to any library or institution dealing in stem cell and tissue regeneration research."--Provided by publisher.

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