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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1 Cell-based microarrays: recent advances for gene function analyses -- 2 Review of siRNA/shRNA Applications in Cell-Based Microarrays -- 3 Antibody microarrays for cell-based assays: The use of micro-arrayed antibodies for exploring cell surface diversity or whole cell functionality -- 4 Polymer microarrays for high throughput biomaterials discovery -- 5 Microfluidics cell-based microarray review.
Sommario/riassunto	This book is a review on the evolution of cell-based microarrays and an update to the author's earlier book Methods in Molecular Biology: Cell-Based Microarrays. Since their development in 2001, cell-based microarrays have advanced significantly to include expression arrays, short interfering RNA arrays and antibody arrays. The surface used to coat the glass slides has also been significantly improved to allow non-adherent cells to bind to the arrays.