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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	From Genome to Proteome; Contents; Reviews; Sample preparation and solubilization; Developments in electrophoresis; Detection and quantitation; Mass spectrometry; Proteome data analysis and management; Prokaryotes and yeast; Biological Fluids; Eukaryotic cells and tissue; Oncology; Plants; Index
Sommario/riassunto	As research on the human, animal, plant and microbial genomes matures towards descriptive fullness, the need for understanding the proteome has clearly emerged as the next major endeavor of life sciences. Proteomics - the quantitative analysis of all proteins working in a cell at a specific time and at specific conditions - provides deep insight into the highly organized network of expression, modification and degradation of proteins. Compiled in this book are reviews and research articles which describe the recent advances and perspectives of this new field of research. The articles are gr