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Descrizione fisica	1 online resource (280 pages)
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Nota di contenuto	A History of Selection-Based High-Throughput Screening Technologies for Hit Identification -- Barcoding Strategies for the Synthesis of Genetically Encoded Chemical Libraries -- Advancements in DEL-Compatible Chemical Reactions -- Design Considerations in Constructing and Screening DNA-Encoded Libraries -- Cheminformatics Approaches Aiding the Design and Selection of DNA-Encoded Libraries -- Selection Strategies in DNA-Encoded Libraries -- From DEL Selections to Validated Hits to Clinical Leads -- A Perspective on 30 Years of DNA-Encoded Chemistry. .
Sommario/riassunto	This book deals with the recent advances in DNA-Encoded Library (DEL) technology that has emerged as an alternative to high throughput screening(HTS) over the last decade and has been heralded as a

"disruptive" technology for drug discovery. The book aims to provide a comprehensive overview of all of the major components of the DEL process from conception to bench execution and clinical investigations. The contributions from experts in the field combine different perspectives from academia and industry. The book will be of interest to researchers in the drug discovery field as well as graduate students and scholars who are interested in this rapidly improving technology.