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Descrizione fisica	1 online resource (1643 p.)
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Preface to the first edition""; ""Contributors""; ""Contents""; ""Introduction Strategies in drug discovery and evaluation""; ""Chapter A Cardiovascular activity""; ""Chapter B Activity on blood constituents""; ""Chapter C Activity on urinary tract""; ""Chapter E Psychotropic and neurotropic activity""; ""Chapter F Drug effects on learning and memory""; ""Chapter G Effects on peripheral nerve function""; ""Chapter J Activity on the gastrointestinal tract""; ""Chapter K Antidiabetic activity""; ""Chapter M Anti- atherosclerotic activity""; ""Chapter N Endocrinology"" ""Chapter Q Guidelines for the care and use of laboratory animals"" Index""
Sommario/riassunto	Now expanded and updated to include molecular biology and genetic engineering techniques! The 2nd edition of this successful reference book contains a comprehensive selection of the most frequently used assays for reliably detecting the pharmacological effects of potential drugs. Effects covered include cardiovascular, analgesic, endocrine, psychotropic respiratory, renal and immunomodulatory activities. Each of the more than 1000 assays comprises a detailed protocol outlining

the purpose and rationale of the method, a critical assessment of the results and their pharmacological and clinical relevance. The enclosed and fully searchable CD-ROM allows easy identification of specific tests. An appendix with up-to-date guidelines and legal regulations for animal experiments in various countries will help the reader to plan experiments more effectively.

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