



## Drug discovery and evaluation : pharmacological assays /

Vogel, H. Gerhard (1927-)

<https://id.oclc.org/worldcat/entity/E39PBJxmGQ4RkxP7D44CCw4wmd>

Springer,  
2008

Electronic books

Computer network resources

Monografía

The rapid progress in biology will continue to change the methodological approach to drug discovery in the coming years. Electronic media will continuously help researchers to access and share information. It is, however, becoming more and more evident that many young pharmacologists have only limited training in classical pharmacological methodologies. These long-standing and still highly relevant methods are simply not available in the electronic databases. Drug Discovery and Evaluation: Pharmacological Assays bridges this gap by comprehensively covering the pharmacological methods that have been utilized successfully for more than a hundred years as well as the latest technologies. The classical methods and the newest technologies, all in one book! The 3rd edition of this successful reference book contains an updated 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. In addition, animal models of rare diseases are described. For this third edition, all existing chapters have been revised and completely updated. A large number of assays were added: we are now publishing two volumes. Sections that have been specifically enlarged include - Pharmacological assays in thrombosis and haemostasis (formerly called activity of blood constituents), - Antidiabetic activity (includes completely new chapters such as Biochemical Methods in Diabetology), - Anti-atherosclerotic activity. Audience: Pharmacologists and Pharmacists in Academia and Industry

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzUwNzE4NjM>

**Título:** Drug discovery and evaluation pharmacological assays H. Gerhard Vogel (ed.).

**Edición:** 3rd completely rev., updated, and enl. ed

**Editorial:** Berlin New York Springer 2008

**Descripción física:** 1 online resource (2 volumes (lviii, 2071 pages)) illustrations

**Mención de serie:** Springer reference

**Documento fuente:** Springer e-books

**Bibliografía:** Includes bibliographical references and index

**Contenido:** Introduction strategies in drug discovery and evaluation -- Cardiovascular activity -- Pharmacological assays in thrombosis and haemostasis -- Activity on urinary tract -- Respiratory activity -- Psychotropic and neurotropic activity -- Drug effects on learning and memory -- Effects on peripheral nerve function -- Analgesic, anti-inflammatory, and anti-pyretic activity -- Antiarthrotic and immunomodulatory activity -- Activity on the gastrointestinal tract -- Antidiabetic activity -- Anti-obesity activity -- Anti-atherosclerotic activity -- Endocrinology -- Ophthalmologic activity -- Pharmacological models in dermatology -- Guidelines for the care and use of laboratory animals -- Index

**Copyright/Depósito Legal:** 171112138 230743510 316695464 607347746 613489893 646748106 698463541 739127460 756429542 880325089 969833838 1035706345 1067020262 1097301753

**ISBN:** 9783540709954 3540709959 9783540714200 alk. paper) 3540714200 alk. paper) 9783540714194 3540714197

**Materia:** Pharmacology, Experimental Drugs- Design Drugs- Testing Drug Design Drug Evaluation- methods Drug Evaluation, Preclinical- methods Pharmacologie expérimentale Médicaments- Conception Médicaments- Essais cliniques Biomédecine Sciences de la vie Drugs- Design Drugs- Testing Pharmacology, Experimental

**Autores:** Vogel, H. Gerhard ( 1927-) <https://id.oclc.org/worldcat/entity/E39PBJxmGQ4RkxP7D44CCw4wmd>

**Enlace a formato físico adicional:** Print version Drug discovery and evaluation. 3rd completely rev., updated, and enl. ed. Berlin ; New York : Springer, 2008 3540714200 9783540714200 (DLC) 2007936031 (OCoLC)171112137

**Punto acceso adicional serie-Título:** Springer reference

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)