

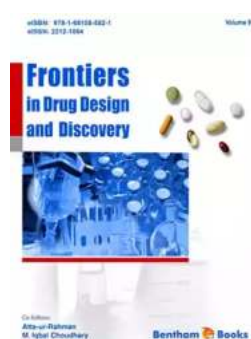
# Frontiers In Drug Design Discovery Volume:

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Frontiers in Drug Design and Discovery is a renowned scientific journal that focuses on the latest advancements and breakthroughs in the field of drug design and discovery. With a rich history of publishing high-quality research papers, this journal serves as a platform for researchers, scientists, and pharmaceutical professionals to share their findings and contribute to the development of innovative drugs.

## Understanding Drug Design and Discovery:

Drug design and discovery is a complex and intricate process that involves identifying potential therapeutic targets, designing chemical compounds, and testing their effectiveness. The ultimate goal is to develop safe and effective drugs that can be used to treat various diseases and improve patient outcomes.



## Frontiers in Drug Design & Discovery Volume 9

by Harry Cliff (Kindle Edition)

★★★★★ 5 out of 5

Language : English

File size : 3205 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 318 pages



## Volume Highlights:

The Frontiers in Drug Design and Discovery Volume showcases a wide range of research articles, reviews, and case studies that explore different aspects of drug design and discovery. This volume includes contributions from leading experts in the field, making it a valuable resource for both academia and industry professionals.

### **Key Topics Covered:**

1. Novel drug targets and therapeutic approaches
2. Computational methods in drug design
3. Structure-based drug discovery
4. Natural product-based drug development
5. Drug delivery systems
6. Pharmacokinetics and pharmacodynamics
7. Drug repurposing

### **Expert Insights and Research:**

The articles published in this volume provide valuable insights into the latest trends and advancements in drug design and discovery. From exploring new drug targets to understanding the mechanisms of action, these research papers offer a comprehensive view of the field.

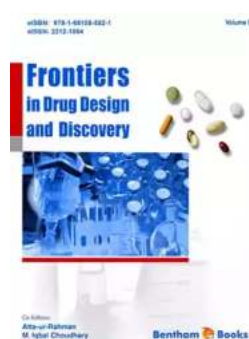
### **Implications for Healthcare:**

The advancements in drug design and discovery showcased in this volume have significant implications for healthcare. The development of new drugs and

targeted therapies can revolutionize the treatment of diseases, leading to improved patient outcomes and better quality of life.

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The Frontiers in Drug Design and Discovery Volume serves as a comprehensive resource for anyone interested in the field of drug design and discovery. With its collection of expert insights and cutting-edge research, this volume is a testament to the continuous progress being made in this crucial area of medical research.



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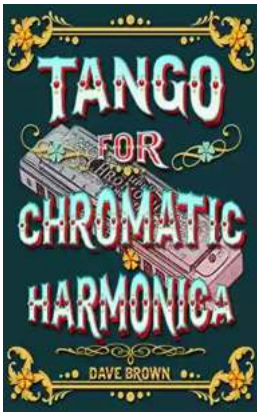


Frontiers in Drug Design and Discovery is a book series devoted to publishing the latest and the most important advances in drug design and discovery. Eminent scientists have contributed chapters focused on all areas of rational drug design and drug discovery including medicinal chemistry, in-silico drug design, combinatorial chemistry, high-throughput screening, drug targets, and structure-activity relationships. This book series should prove to be of interest to all pharmaceutical scientists who are involved in research in drug design and discovery and who wish to keep abreast of rapid and important developments in the field.

The ninth volume of this series brings together reviews covering topics related to the treatment of neoplasms, systems biology, respiratory diseases among others.

Topics included in this volume are:

- Prognostic biomarkers in prostate cancer
- Chemoresistance in cancer cells
- GPCRS in systems and synthetic biology
- Mechanisms of action of ribavirin in different diseases
- Carbon nanotubes and drug targets
- The role of phosphatase I inhibitors in Minkowski spaces
- Phosphodiesterase targeting for treating respiratory diseases



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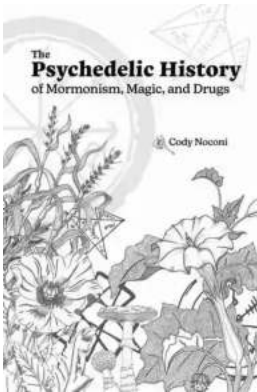
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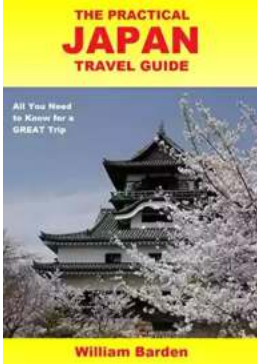
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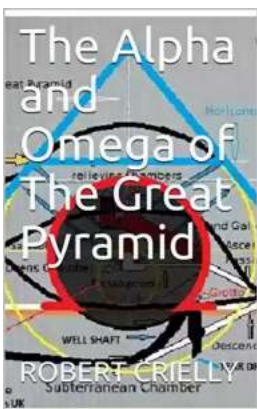
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