

# The Elusive Magic Bullet The Search For The Perfect Drug

Breakout Strategy: Meeting the Challenge of Double-Digit Growth  
Biotechnology and Biopharmaceuticals  
What to Ask When You Don't Know What to Say  
McGill law journal  
Cancer Gene Therapy  
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The Best Books for Academic Libraries:  
Medicine  
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Proceedings of the Royal Institution of Great Britain  
Magic Bullets  
Life Saving Drugs  
Australian Journal of Chemistry  
Magic Bullets to Conquer Malaria  
Bank Personnel News  
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Smith and Williams' Introduction to the Principles of Drug Design  
The Elusive Magic Bullet  
The Magic Bullet  
The Political Economy of Narcotics  
The Mind-Body Interface in Somatization

## Breakout Strategy: Meeting the

## **Challenge of Double-Digit Growth**

Conceived with dazzling insider's knowledge of cutting-edge medical research, *The Magic Bullet* propels us relentlessly along on a hunt for the elusive miracle cure for cancer. Harry Stein's spellbinding new thriller is set on the dark edge of American medicine, where human life takes a backseat to greed, ambition, and the bottom line. At 31, Dr. Daniel Logan has gotten the biggest break of his career--a research fellowship at the American Cancer Institute near Washington, D.C. The patients who come here know it is their last hope for survival, and they willingly take drugs that are shrouded in secrecy even when things begin to go very, very wrong. Soon Dr. Logan learns that he has no influence on the arrogant, world-famous researchers who give the orders, and no hope that anyone will listen when he stumbles upon the "magic bullet," a possible miracle cure--for breast cancer. The reason: a conspiracy so deadly and unconscionable that he cannot believe it's real until his life becomes a nightmare--and time begins to run out for one very special patient: the most prominent woman in American politics. Featuring passionate young doctors desperate for the glory of a cancer cure, deadly sabotage, betrayal, and a lethal medical conspiracy, Harry Stein's "what-if" premise is hair-raisingly shocking--the stuff of an instant bestseller. The fear is real. The medical facts are authentic and the cure? You'll be held spellbound finding out.

## **Biotechnology and Biopharmaceuticals**

## **What to Ask When You Don't Know What to Say**

### **McGill law journal**

This book describes the discovery and development of antibacterial, anti-viral and anti-cancer drugs and highlights the colourful characters behind their inventions.

### **Cancer Gene Therapy**

From the day that Paul Ehrlich hailed his newly discovered treatment for syphilis as the magic bullet, antibiotics have transformed medical practice. They are considered one of the miracle drugs of the 20th century. However, the massive and increasing misuse of these agents is Morecausing a problem of resistance that may prove to be one of the g

### **Murder, Magic, and Medicine**

This book is divided into six sections: microbial biology; infection and immunity; bacterial pathogens and associated diseases; viral pathogens and associated diseases; fungal pathogens and parasitic infections; and diagnosis, treatment and control of infection. The major portion gives a o rganism-based systematic coverage of microbiology. Each organism is considered under a standard set of headings:

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description; pathogenesis; clinical features; laboratory diagnosis; treatment; and epidemiology. The section on immunology covers that part of the subject that is of direct relevance to the understanding of microbial infection.

### **AIDS-proofing Your Kids**

The Mind-Body Interface in Somatization: When Symptom Becomes Disease represents a unique contribution to the clinician's tool chest for diagnosing and treating psychosomatic illness. This book breaks new ground by asking and answering many of the key questions that trouble every practicing clinician: Why do patients use somatization? Can we predict who will be a somatizer? Is there an underlying process involved? Why are these patients so difficult to treat? Beginning with a discussion of contemporary disease classification, *The Mind-Body Interface in Somatization* clarifies matters greatly by talking in terms of chronic and situational somatization, showing that chronic patients use illness as a way of life, while situational patients somatically respond to existential crises, and revealing how both are rooted in the mind-body interface. Drawing on elements of personality theory, the authors discuss the core conflicts and character structure inherent in both types of somatization and suggest treatment options appropriately geared toward the needs of each. *The Mind-Body Interface in Somatization* describes how chronic somatization can be addressed by cognitive-behavioral therapy and Dialectical Behavioral Therapy, while situational somatization can be

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managed with short-term existential psychotherapy. Concluding with a discussion of medications that may be helpful to the somatizing patient, this volume represents an original approach to explaining what goes on in the mind of the somatizer.

### **Keys for Writers With Web Card, 3rd Ed + Universal Keys Media Guide With Cd-rom**

Since its foundation in 1799, the Royal Institution of Great Britain has aimed to inspire enthusiasm for science, as a means to understanding the world around us. The Friday Evening Discourses of the Royal Institution, initiated by Michael Faraday in 1826, are one of the most prestigious series of lectures on science in the world. During these lecture-demonstrations famous scientists describe their work in language accessible to a general audience. Each year accounts of the Discourses are brought together in the Proceedings. These volumes provide some of the best popular writing by active scientists, and also include topics of a less scientific nature, but still of interest to a scientific audience. The latest volume of the Proceedings covers diverse areas of contemporary and historical interest. Topics covered include the use of the natural products in pharmacology, the role of the brain in art appreciation, the Hubble space telescope, the laser treatment of myopia, nature conservation, the role of alcohol in the development of human civilization, one hundred years of radioactivity, and one hundred years of radio. As with earlier volumes in this series, an

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abridged trade edition will be published under the title Exploring the Universe

## **Book Review Index**

This first comprehensive overview on nanotechnological approaches to cancer therapy brings together therapeutic oncology and nanotechnology, showing the various strategic approaches to selectively eliminating cancerous cells without damaging the surrounding healthy tissue. The strategies covered include magnetic, optical, microwave and neutron absorption techniques, nanocapsules for active agents, nanoparticles as active agents, and active and passive targeting, while also dealing with fundamental aspects of how nanoparticles cross biological barriers. A valuable single source gathering the many articles published in specialized journals often difficult to locate for members of the other disciplines involved.

## **Life Saving Drugs**

### **Interferon**

In 1900 only a handful of drugs (morphine, quinine, aspirin, etc) had genuine efficacy but had little value for bacterial or viral infections or cancer. These conditions were usually untreatable. Now there are literally thousands of drugs which offer cures or greatly extended life-spans for those with life-threatening conditions. Life Saving Drugs: the Elusive

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Magic Bullet describes the discovery and development of antibacterial, anti-viral and anti-cancer drugs. The book highlights the colourful characters behind the inventions and the huge improvements in quality of life and life-expectancy that these drugs have produced. Emphasis is given to the new drugs that have emerged as a result of knowledge of the human genome, and the ways in which the newer drugs are being designed to tackle disease, particularly cancer, at the genetic level. Chemical structures are provided for all of the key drugs and the book is well illustrated. Life Saving Drugs: the Elusive Magic Bullet can be read as a history of drug development during the past 100 years by those with only a passing knowledge of chemistry. For anyone entering the medical profession, pharmacy, or nursing, it will provide a superb basic knowledge of all drugs they are ever likely to meet, including their modes of action. For the chemist or medicinal chemist, it will provide the fundamental knowledge of life-saving drugs that they all should know. And for the non-scientist who wants to know about 'super-bugs', SARS, Ebola, and all of the wonderful advances in treating cancer, it is illuminating and easy to read.

### **Drug Targeting Technology**

Chronicles the search for and use of medicines to conquer malaria, one of the world's most devastating and debilitating infectious diseases: • Examines drug treatments past and present; how they came in to being and how they have been used or abused •

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Examines how the drugs act and how the parasite is able to fight back • Focuses on understanding the problem of drug resistance and how its effects can be thwarted

### **Current Work in the History of Medicine**

Train your mind to achieve new levels of success! Professionals and entrepreneurs do a great job of keeping up appearances. But if they're honest with themselves, they're short on living the life they really want. Train Your Brain For Success provides the perspective to analyze how you got where you are and, more importantly, learn the skills to get where you truly desire to be. Train Your Brain For Success explains specific ways of thinking and acting that will get anyone where they want to go, fast. Learn to condition your mind to move towards success automatically, by discovering greater memory power and fundamental techniques for boosting reading speed and comprehension. Get a proven strategy for succeeding and becoming a record-breaking performer. Learn to live in the moment Become brilliant with the basics Aggressively take care of your mind Train your mind for new levels of success by boosting memory power, reading speed and comprehension.

### **Current Contents. Arts & Humanities**

Books recommended for undergraduate and college libraries listed by Library of Congress Classification Numbers.

## **Magic Bullets, Lost Horizons**

## **Exploring the Universe**

## **The Elusive Quest for Growth**

## **Medical Microbiology**

## **Technology and Culture**

Companies that purposefully set out to excel are remarkably few and far between. The number of those who have a strong, well-thought out strategy for success are even fewer. Based on five years of research and field-testing, Breakout Strategy gives you a “fast track” strategic vision that can push your company to incredible new rates of growth and expansion. Strategy and leadership experts Sydney Finkelstein, Charles Harvey, and Thomas Lawton show how to craft a strategy that fits your business, whether you're a small start-up or an established national or international company. They also give you the tools to adapt that strategy as you grow and expand. Their system features five key initiatives: Create a workable vision by understanding the needs and aspirations of a company Face customers with a value proposition that covers all the important bases Align what a business does with what the customer truly desires Balance the people and process sides of

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business to deliver on promises Liberate the energies of any strategy's toughest critic-those who work within the business Breakout Strategy puts these initiatives in context by examining how diverse companies achieved breakout growth, including jetBlue, Harley Davidson, and Starbucks. It also sheds light on how a poor strategy can topple a once-successful company off the pedestal of market dominance, such as Krispy Kreme's overly ambitious expansion strategy that stretched the company and the brand too thin. With the systematic approach in Breakout Strategy, you'll be able to travel the fast track to market triumph, leaving your competitors struggling to catch up.

### **Nanomaterials for Cancer Therapy**

This book gives parents and educators the crucial information on AIDS and shows them how to:

- \*overcome embarrassment in talking with kids about sex
- \*talk about AIDS and its prevention
- \*make abstinence more likely or train kids to use condoms
- \*get kids to rehearse and practice AIDS-proofing skills
- \*help the schools with AIDS education.

Talking about safer sex and AIDS with our kids is only the first step. It's time for all of us to do more to protect them.

### **Medicare Tomorrow**

This book explores the origins, history and organisation of the international system of narcotic drug control with a specific focus on heroin, cannabis and cocaine. It argues that the century-long quest to

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eliminate the production, trade in and use of narcotic drugs has been a profound failure. The statistics produced by the international and domestic narcotic drug control agencies point to a sustained expansion of the drug trade, despite the imposition of harsh criminal sanctions against those engaged, as producers, traffickers or consumers, in the narcotic drugs market. The roots of this major international policy failure are traced back to the outdated ideology of prohibition, which is shown to be counterproductive, utopian and a fundamentally inadequate basis for narcotic drug policy in the twenty-first century. Prohibition, championed by many US policy makers, has left the international community poorly positioned to confront those changes to the drug trade and drug markets that have resulted from globalisation. Moreover, prohibition based approaches are causing more harm than good, as is demonstrated through reference to issues such as HIV/AIDS, the environment, conflict, development and social justice. As the drug control system approaches its centenary, there are signs that the global consensus on narcotic drug prohibition is fracturing. Some European and South American states are pushing for a new approach based on regulation, decriminalisation and harm reduction. But those seeking to revise prohibition strategies faces entrenched resistance, primarily by the U.S. This important text argues that successive American governments have pursued a contradictory approach; acting decisively against the narcotic drug trade at home and abroad, while at the same time working with drug traffickers and producer states when it is in America's strategic interest. As a result, US policy

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approaches emerge as a decisive factor in accounting for the failure of prohibition.

### **Emerging Infectious Diseases**

A complete introduction and guide to the latest developments in cancer gene therapy-from bench to bedside. The authors comprehensively review the anticancer genes and gene delivery methods currently available for cancer gene therapy, including the transfer of genetic material into the cancer cells, stimulation of the immune system to recognize and eliminate cancer cells, and the targeting of the nonmalignant stromal cells that support their growth. They also thoroughly examine the advantages and limitations of the different therapies and detail strategies to overcome obstacles to their clinical implementation. Topics of special interest include vector-targeting techniques, the lessons learned to date from clinical trials of cancer gene therapy, and the regulatory guidelines for future trials. Noninvasive techniques to monitor the extent of gene transfer and disease regression during the course of treatment are also discussed.

### **Afghanistan**

Book Review Index provides quick access to reviews of books, periodicals, books on tape and electronic media representing a wide range of popular, academic and professional interests. Book Review Index is available in a three-issue subscription covering the current year or as an annual cumulation

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covering the past year.

### **Train Your Brain For Success**

Many have questioned the wisdom of the international intervention in Afghanistan in light of the escalation of violence and instability in the country in the past few years. Particularly uncertain are Canadians, who have been inundated with media coverage of an increasingly dirty war in southern Afghanistan, one in which Canadians are at the frontline and suffering heavy casualties. However, the conflict is only one aspect of Afghanistan's complicated, and incomplete, political, economic, and security transition. In *Afghanistan: Transition under Threat*, leading Afghanistan scholars and practitioners paint a full picture of the situation in Afghanistan and the impact of international and particularly Canadian assistance. They review the achievements of the reconstruction process and outline future challenges, focusing on key issues like the narcotics trade, the Pakistan—Afghanistan bilateral relationship, the Taliban-led insurgency, and continuing endemic poverty. This collection provides new insight into the nature and state of Afghanistan's post-conflict transition and illustrates the consequences of failure. Co-published with the Centre for International Governance Innovation

### **Nanomedicine Design of Particles, Sensors, Motors, Implants, Robots, and Devices**

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The magic of questions -- How to ask magical questions -- Managing your workload -- Satisfying bosses -- Surviving plateaus, layoffs, and firings -- Getting promotions and raises -- Dealing with difficult employees -- Working together -- Responding to ideas of others -- Selling your ideas -- Pleasing tough customers -- Resolving conflict -- Running meetings -- Attending meetings -- Negotiating -- Being interviewed for a job -- Interviewing job applicants -- Presenting on the podium -- Resolving ethical dilemmas -- Handling criticisms and complaints -- Responding to a changing world.

### **The Best Books for Academic Libraries: Medicine**

Much of our present knowledge of the universe has come from observations made over the centuries with ever more powerful telescopes, operating from isolated mountain tops. But the Hubble Space Telescope, the first to be launched into space, is revolutionizing our ability to picture and understand the universe. In *Exploring the Universe*, astronomer Alexander Boksenberg shows how a star is born and how the magnificent pictures taken by the Hubble Space Telescope will enable us to explore the universe in ever more depth. This selection of essays from experts in their fields - exploring subjects from magic bullets derived from traditional folk medicines, to the role science can play in understanding the work of Mondrian and other artists - taken from the Royal Institution's *Evening Discourses* provides an authoritative and accessible summary of current

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thinking in many areas of science and technology.

### **Proceedings**

Demonstrates how substitution of a variety of ligands can render albumin a versatile targeting tool for selective drug accumulation in various cell populations of the liver! This book discusses physical, chemical, and biological approaches to drug targeting technology, focusing on oral, dispersed system, topical, dermal, transdermal, and inh

### **Proceedings of the Royal Institution of Great Britain**

### **Magic Bullets**

### **Life Saving Drugs**

### **Australian Journal of Chemistry**

### **Magic Bullets to Conquer Malaria**

In his exciting new book, John Mann, author of the highly successful *Murder, Magic and Medicine*, reveals the history of the drugs that are so commonplace today in the treatment of disease. While we can now treat so many of these illnesses, the side-effects

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caused by many of these treatments can be severe, and even more worrying -- the bacteria are now becoming more resistant to the drugs (the so-called 'superbugs'). Scientists are also faced with a massive challenge in developing drugs that can effectively treat HIV, ebola, and many forms of cancer, but without the terrible side-effects of such treatments as chemotherapy or AZT -- this is the quest for the 'magic bullet.' The book starts with a history of drug development, introducing us to some of the fascinating characters whose work so influenced the search for these drugs. Leading up to the present day, and the exciting advances being made within molecular biology, the book provides a lively, and fascinating introduction for non-scientists to one of the most exciting fields of activity within modern medicine.

### **Bank Personnel News**

Annotation This resource outlines the new tools that are becoming available in nanomedicine. The book presents an integrated set of perspectives that describe where advancements are now and where they should be headed to put nanomedicine devices into applications as quickly as possible

### **UCSF Magazine**

Why economists' attempts to help poorer countries improve their economic well-being have failed. Since the end of World War II, economists have tried to figure out how poor countries in the tropics could

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attain standards of living approaching those of countries in Europe and North America. Attempted remedies have included providing foreign aid, investing in machines, fostering education, controlling population growth, and making aid loans as well as forgiving those loans on condition of reforms. None of these solutions has delivered as promised. The problem is not the failure of economics, William Easterly argues, but the failure to apply economic principles to practical policy work. In this book Easterly shows how these solutions all violate the basic principle of economics, that people—private individuals and businesses, government officials, even aid donors—respond to incentives. Easterly first discusses the importance of growth. He then analyzes the development solutions that have failed. Finally, he suggests alternative approaches to the problem. Written in an accessible, at times irreverent, style, Easterly's book combines modern growth theory with anecdotes from his fieldwork for the World Bank.

### **The School Community Journal**

This report covers the recent changes in Medicare, evaluating how they affect all parties: Medicare beneficiaries and their families, taxpayers, and health care providers and purchasers. Arguing that policymakers ought to focus on what a well-designed Medicare program should look like rather than dwelling on Medicare's potential financing troubles, the report puts forth principles that should be the basis of any reform of the Medicare system.

## **Smith and Williams' Introduction to the Principles of Drug Design**

Written by a science writer and a co-discoverer of interferon, this book describes the drug, explains how scientists think it works, and discusses its apparent effectiveness in treating cancer and the common cold

## **The Elusive Magic Bullet**

Biotechnology and Biopharmaceuticals: Transforming Proteins and Genes into Drugs, Second Edition addresses the pivotal issues relating to translational science, including preclinical and clinical drug development, regulatory science, pharmaco-economics and cost-effectiveness considerations. The new edition also provides an update on new proteins and genetic medicines, the translational and integrated sciences that continue to fuel the innovations in medicine, as well as the new areas of therapeutic development including cancer vaccines, stem cell therapeutics, and cell-based therapies.

## **The Magic Bullet**

## **The Political Economy of Narcotics**

## **The Mind-Body Interface in Somatization**

This absorbing account of the evolution of modern medicine from its roots in folk medicine will entertain

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and inform both scientist and general reader alike. It explains the chemical basis of pharmacology, and provides a fascinating description of how the use and abuse of natural products in various societies throughout the ages has led to the development of many of the drugs we now take for granted.

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