

## RI 328 RI 308 Benassi

This new edition focuses on a variety of techniques available for the analysis of drugs in biological fluids. Over 150 figures and tables help to describe the latest advances and give examples of their applications. Current chiral analysis methods as well as discussions on the impact of chirality are described. Practical aspects of bioanalytical work, including many examples of laboratory problems not often reported in the scientific literature, are examined in depth.

This handbook provides an analysis of the latest advances in this exciting field. It assists in establishing a clear identity that has grown over the latter part of the century. The contributors provide a more multidisciplinary perspective drawing from the fields of organizational behavior, management studies and communication.

Goal-Directed Decision Making: Computations and Neural Circuits examines the role of goal-directed choice. It begins with an examination of the computations performed by associated circuits, but then moves on to in-depth examinations on how goal-directed learning interacts with other forms of choice and response selection. This is the only book that embraces the multidisciplinary nature of this area of decision-making, integrating our knowledge of goal-directed decision-making from basic, computational, clinical, and ethology research into a single resource that is invaluable for neuroscientists, psychologists and computer scientists alike. The book presents discussions on the broader field of decision-making and how it has expanded to incorporate ideas related to flexible behaviors, such as cognitive control, economic choice, and Bayesian inference, as well as the influences that motivation, context

and cues have on behavior and decision-making. Details the neural circuits functionally involved in goal-directed decision-making and the computations these circuits perform. Discusses changes in goal-directed decision-making spurred by development and disorders, and within real-world applications, including social contexts and addiction. Synthesizes neuroscience, psychology and computer science research to offer a unique perspective on the central and emerging issues in goal-directed decision-making.

Science of Synthesis provides a critical review of the synthetic methodology developed from the early 1800s to date for the entire field of organic and organometallic chemistry. As the only resource providing full-text descriptions of organic transformations and synthetic methods as well as experimental procedures, Science of Synthesis is therefore a unique chemical information tool. Over 1000 world-renowned experts have chosen the most important molecular transformations for a class of organic compounds and elaborated on their scope and limitations. The systematic, logical and consistent organization of the synthetic methods for each functional group enables users to quickly find out which methods are useful for a particular synthesis and which are not. Effective and practical experimental procedures can be implemented quickly and easily in the lab. // The content of this e-book was originally published in October 2000.

Reviewing and correlating in detail the synthetic, mechanistic, and physical properties of enamines, this reference features an extensive discussion of all enamine literature ... numerous practical examples of synthetic enamine applications ... new information on oxidation-reduction reactions of enamines ... numerous tables and schemes that give fast, easy access to a wealth of useful data ... and improved coordination among

contributing authors to reduce duplication and overlap. Thoroughly updating the original edition, *Enamines, Second Edition* contains over 2,400 bibliographic citations that help researchers investigate particular subjects in greater depth. It comprises an authoritative source for organic, synthetic, physical, and natural products chemists in academe, industry, or government, as well as for advanced graduate students in these disciplines.

"For students studying education or psychology, for teachers or prospective teachers, and for instructional designers or instructors." "A concrete guide to the science of learning, instruction, and assessment written in a friendly tone and presented in a dynamic format." The underlying premise of *Applying the Science of Learning* is that educators can better help students learn if they understand the processes through which student learning takes place. In this clear and concise first edition text, educational psychology scholar Richard Mayer teaches readers how to apply the science of learning through understanding the reciprocal relationships between learning, instruction, and assessment. Utilizing the significant advances in scientific learning research over the last 25 years, this introductory text identifies the features of science of learning that are most relevant to education, explores the possible prescriptions of these findings for instructional methods, and highlights the essentials of evaluating instructional effectiveness through assessment. *Applying the Science of Learning* is also presented in an easy-to-read modular design and with a conversational tone -- making it particularly student-friendly, whether it is being used as a supplement to a core textbook or as a standalone course textbook. Features: A concise and concentrated view of the field that covers the foundational ideas in learning, instruction, and assessment without overwhelming students or wasting words. A modular, multimedia approach organizes course material into two-page units with

specific objectives, helpful graphics, and a welcoming design that helps readers organize and understand each concept. An emphasis on clear writing and concrete ideas makes learning easier for readers, especially by providing vocabulary definitions and specific examples. A personal and friendly tone instead of a formal, academic style make this book easier and more enjoyable to read. While few academic references clutter the text, key references and suggested readings are provided at the end of each section.

Considered one of the most devastating and frightening of all cancers, cancers of the central nervous system (CNS) attack the complex organs that control not only the CNS but also the peripheral nervous system and many of the voluntary and involuntary body systems, with 20% to 40% of CNS cancers metastasizing to the brain. *Site-Specific Cancer Series: Central Nervous System Cancers*, a new volume in the Series edited by Deborah Hutchinson Allen and Laurie L. Rice, details the cancers of the brain and spinal cord. Chapters examine issues such as anatomy and physiology of the brain and spine, patient assessment, pathology, histology, and molecular markers of primary brain tumors, and adult and pediatric cancers of the brain and spinal cord. Other issues include treatment modalities (surgical treatments, chemotherapy, and radiotherapy), as well as pediatric therapeutic modalities, symptom management and psychological issues, and the current state of evidence-based practice. You can use this new volume as a guide to treating your patients and to providing sensitive and realistic care that optimizes the quality of life and permits a sense of hopefulness to prevail when many patients with type of cancer feel only pain and fear.

Originally published in 1982, this book provides rich evidence of the relevance of

the temporal aspects of behavior. The generalized areas of learning, memory, operant scheduled behavior, task performance, vigilance, mood and motivation and their rhythmic components are explored in varying detail. The particularized measures range from on-the-job errors, through reading efficiency to milliseconds of change in reaction time in the laboratory. The subjects range from ants to older persons. Across this range of settings, subjects, and behaviors, the message is clear: there is an interaction between time and behavior.

Long acting injections and implants improve therapy, enhance patient compliance, improve dosing convenience, and are the most appropriate formulation choice for drugs that undergo extensive first pass metabolism or that exhibit poor oral bioavailability. An intriguing variety of technologies have been developed to provide long acting injections and implants. Many considerations need to go into the design of these systems in order to translate a concept from the lab bench to actual therapy for a patient. This book surveys and summarizes the field. Topics covered in Long Acting Injections and Implants include the historical development of the field, drugs, diseases and clinical applications for long acting injections and implants, anatomy and physiology for these systems, specific injectable technologies (including lipophilic solutions, aqueous suspensions, microspheres, liposomes, in situ forming depots and self-

assembling lipid formulations), specific implantable technologies (including osmotic implants, drug eluting stents and microfabricated systems), peptide, protein and vaccine delivery, sterilization, drug release testing and regulatory aspects of long acting injections and implants. This volume provides essential information for experienced development professionals but was also written to be useful for scientists just beginning work in the field and for others who need an understanding of long acting injections and implants. This book will also be ideal as a graduate textbook.

This NATO-ASI installment is designed to provide an advanced overview for doctoral and post-doctoral candidates of the state-of-the-art technologies for bio-detection. The main objective of the work aims at providing readers with the latest developments necessary to successfully understand the CBRN Agents and their associated biotechnologies. The core methods focused on are mass spectrometry (including chromatographic and electrophoretic separation) and comparisons to spectroscopic, immunological and molecular analysis of chemical, biological and nuclear agents.

The loss to national economies resulting from excessive plant biomass has been appreciable and has put pressure on water managers to develop weed control procedures. The results from the most up-to-date research activities and field

trials of leading aquatic plant scientists and managers in all five continents, aimed at resolving these weed problems, has been drawn together in this volume. The use of the chemical modification of proteins has evolved over the past 80 years, benefiting from advances in analytical, physical, and organic chemistry. Over the past 30 years, the use of chemical reagents to modify proteins has been crucial in determining the function and structure of purified proteins. This groundbreaking work is part of the foundation of emerging disciplines of proteomics, chemical biology, structure biology, and chemical proteomics. *Chemical Reagents for Protein Modification, Fourth Edition* provides a comprehensive review of reagents used for the chemical modification of proteins, representing a major revision of the work presented in previous editions. The completely updated Fourth Edition is substantially larger and includes five new chapters: Alkylating Agents Acylating Agents Nitration and Nitrosylation Oxidation Modification of Proteins with Reducing Agents There is greatly increased coverage of the chemical modification of cysteine, which is critical for bioconjugate synthesis. The chapter on reduction also provides information necessary for bioconjugate synthesis as well as for the processing of inclusion bodies. The book places emphasis on conditions that affect the specificity of the chemical modification of proteins, such as solvent and temperature. The format

has been markedly revised, presenting information based on the chemical nature of the modifying material and on the amino acid residue modified. This new version has increased significance to biopharmaceuticals. Much of the information is in tabular form, which enables the rapid location of cited material. Within the rapidly expanding field of educational technology, learners and educators must confront a seemingly overwhelming selection of tools designed to deliver and facilitate both online and blended learning. Many of these tools assume that learning is configured and delivered in closed contexts, through learning management systems (LMS). However, while traditional "classroom" learning is by no means obsolete, networked learning is in the ascendant. A foundational method in online and blended education, as well as the most common means of informal and self-directed learning, networked learning is rapidly becoming the dominant mode of teaching as well as learning. In *Teaching Crowds*, Dron and Anderson introduce a new model for understanding and exploiting the pedagogical potential of Web-based technologies, one that rests on connections — on networks and collectives — rather than on separations. Recognizing that online learning both demands and affords new models of teaching and learning, the authors show how learners can engage with social media platforms to create an unbounded field of emergent connections. These

connections empower learners, allowing them to draw from one another's expertise to formulate and fulfill their own educational goals. In an increasingly networked world, developing such skills will, they argue, better prepare students to become self-directed, lifelong learners.

Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 90 years The Royal Society of chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic, and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the fluctuating degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some

have been combined under a new name whereas others have had to be discontinued. The current list of Specialist Periodical Reports can be seen on the inside flap of this volume.

Air pollution poses a serious threat to human health and the environment worldwide. It contributes significantly to regional and global atmospheric issues such as global warming, acidification and depletion of the ozone layer. It affects every living thing, including all kinds of vegetation on which we depend for our survival. Although several works have appeared on air pollution, few, are able to provide the broad background that encompasses the whole gamut of plant responses to atmospheric insult. This multi-authored work integrates the varied plant growth responses to the pollution stress; the focus of the attention is plant rather than pollutant. This portrays a clearer picture of plant performance versus air pollution, and helps develop a better insight of the pollution-based disturbances at the different levels of plant life. The book shall interest both students and researchers of environmental botany and forestry as well as all those who love plants and have any interest towards global vegetation and environmental health.

This volume presents a wide range of new approaches aimed at improving the safety and quality of food products and agricultural commodities. Each chapter

provides in-depth information on new and emerging food preservation techniques including those relating to decontamination, drying and dehydration, packaging innovations and the use of botanicals as natural preservatives for fresh animal and plant products. The 28 chapters, contributed by an international team of experienced researchers, are presented in five sections, covering: Novel decontamination techniques Novel preservation techniques Active and atmospheric packaging Food packaging Mathematical modelling of food preservation processes Natural preservatives This title will be of great interest to food scientists and engineers based in food manufacturing and in research establishments. It will also be useful to advanced students of food science and technology.

Since the publication of the first edition, considerable progress has been made in the development and application of active noise control (ANC) systems, particularly in the propeller aircraft and automotive industries. Treating the active control of both sound and vibration in a unified way, this second edition of Active Control of Noise and Vibra

Physiological Pharmacology: A Comprehensive Treatise, Volume I: The Nervous System — Part A, Central Nervous System Drugs focuses on the influence of drugs on the functions of the central nervous system. The selection first offers

information on absorption, distribution, and elimination and effects upon physiological systems. Discussions focus on factors that disturb normal sequence of uptake and elimination of volatile drugs; variations in distribution due to systemic effects of anesthetics; factors influencing the uptake of gases by tissues; and theories of general anesthesia. The book also ponders on alcohols, including alcohols acting on the central nervous system; effect of alcohols on and outside the central nervous system; and synergisms and antagonisms between alcohols and other drugs. The publication takes a look at sedatives and hypnotics, effects upon physiological systems, and analgesics and antipyretic drugs. The text also examines non-narcotic analgesics, tranquilizers, and diphenylmethane derivatives. The selection is a vital source of data for readers interested in the effects of drugs on the central nervous system.

Ten Steps to Complex Learning presents a path from an educational problem to a solution in a way that students, practitioners, and researchers can understand and easily use. Students in the field of instructional design can use this book to broaden their knowledge of the design of training programs for complex learning. Practitioners can use this book as a reference guide to support their design of courses, curricula, or environments for complex learning. Now fully revised to incorporate the most current research in the field, this third edition of Ten Steps

to Complex Learning includes many references to recent research as well as two new chapters. One new chapter deals with the training of 21st-century skills in educational programs based on the Ten Steps. The other deals with the design of assessment programs that are fully aligned with the Ten Steps. In the closing chapter, new directions for the further development of the Ten Steps are discussed.

Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 80 years the Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the fluctuating

degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some have been combined under a new name whereas others have had to be discontinued. The current list of Specialist Periodical Reports can be seen on the inside flap of this volume.

Key features: Written by the scientist who named this parasite and was the first to set up proper diagnostic techniques Serves as the first ever book to provide information on the parasite structure, biology, pathogenesis, clinical signs, epidemiology, prevention, and control of neosporosis Covers both approaches toward preventing & controlling this disease: Developing an efficacious vaccine and sound cattle management practices Contains a wealth of illustrations, including many of the author's original photographs of the parasite Provides basic information on immunologic and molecular aspects of the disease Abortion is a worldwide problem in the livestock industry accounting for annual economic losses of billions of dollars, and *N. caninum* is a major cause of it. Neosporosis is a newly recognized disease of animals. Until 1988 it was misdiagnosed as toxoplasmosis. Considerable progress in understanding the biology of neosporosis has been made in the last 30 years, resulting in more than 2,000 scientific publications. The economic importance of abortion in cattle, and the

availability of knowledge, reagents, and technology used to study toxoplasmosis, have contributed to the rapid progress in understanding the biology of neosporosis. Written by pioneers in this field, Neosporosis in Animals presents a comprehensive summary of the biology of neosporosis, starting with chapter 1 on the historical background of the discovery of the disease. Subsequent chapters deal with general aspects of the biology of *N. caninum* (chapter 2), techniques (chapter 3), and the disease caused by this parasite in cattle (chapter 4), dogs (chapter 5), and all other animals including sheep, pigs, primates and humans (chapters 6-18). This book provides, for the first time in a single authoritative source, a complete account of the structure, biology, clinical disease, diagnosis, epidemiology, treatment, attempts at immunoprophylaxis, and control in all hosts. There are 175 illustrations and tables devoted to the life cycle, structure of parasitic stages, and lesions. More than 2100 references are cited, allowing the reader to locate additional information on specific topics in an efficient way. This book will be useful to a broad range of researchers in biology and veterinarians. This book focuses on the context dependency of cell signaling by showing how the endosomal system helps to structure and regulate signaling pathways. The location and concentration of signaling nodes regulate their activation cycles and engagement with distinct effector pathways. Whilst many cell signaling pathways are initiated from the

cell surface, endocytosis provides an opportunity for modulating signaling networks' output. In this book, first a series of reviews describe the endocytic and endosomal system and show how these subcellular platforms sort and regulate a wide range of signaling pathway components and phenotypic outputs. The book then reviews the latest scientific insights into how endocytic trafficking and subcellular location modulate a set of major pathways that are essential to normal cellular function and organisms' development.

There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, *How People Learn: Brain, Mind, Experience, and School: Expanded Edition* was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the

structure of learning environments. *How People Learn II: Learners, Contexts, and Cultures* provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. *How People Learn II* will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults. Rethink traditional teaching methods to improve student learning and retention in STEM

Educational research has repeatedly shown that compared to traditional teacher-centered instruction, certain learner-centered methods lead to improved learning outcomes, greater development of critical high-level skills, and increased retention in science, technology, engineering, and mathematics (STEM) disciplines. *Teaching and Learning STEM* presents a trove of practical research-based strategies for designing and teaching STEM courses at the university, community college, and high school levels. The book draws on the authors' extensive backgrounds and decades of experience in STEM education and faculty development. Its engaging and well-illustrated descriptions will equip you to implement the strategies in your courses and to deal effectively with problems (including student resistance) that might occur in the implementation. The book will help you: Plan and conduct class sessions in which students are actively engaged, no matter how large the class is Make good use of technology in face-to-face, online, and hybrid courses and flipped classrooms Assess

how well students are acquiring the knowledge, skills, and conceptual understanding the course is designed to teach Help students develop expert problem-solving skills and skills in communication, creative thinking, critical thinking, high-performance teamwork, and self-directed learning Meet the learning needs of STEM students with a broad diversity of attributes and backgrounds The strategies presented in Teaching and Learning STEM don't require revolutionary time-intensive changes in your teaching, but rather a gradual integration of traditional and new methods. The result will be continual improvement in your teaching and your students' learning. More information about Teaching and Learning STEM can be found at <http://educationdesignsinc.com/book> including its preface, foreword, table of contents, first chapter, a reading guide, and reviews in 10 prominent STEM education journals.

This classic reference for poultry nutrition has been updated for the first time since 1984. The chapter on general considerations concerning individual nutrients and water has been greatly expanded and includes, for the first time, equations for predicting the energy value of individual feed ingredients from their proximate composition. This volume includes the latest information on the nutrient requirements of meat- and egg-type chickens, incorporating data on brown-egg strains, turkeys, geese, ducks, pheasants, Japanese quail, and Bobwhite quail. This publication also contains new appendix tables that document in detail the scientific information used to derive the nutrient requirements appearing in the summary tables for each species of bird.

Providing guidance for chemists and other scientists entering pharmaceutical discovery and development, this up-to-the-minute reference presents contributions from an international group of nearly 50 renowned researchers—offering a solid grounding in synthetic and physical organic chemistry, and clarifying the roles of various specialties in the development of new drugs. Featuring over 1000 references, tables, and illustrations, *Process Chemistry in the Pharmaceutical Industry* is sure to find its way to the bookshelves of organic, physical, analytical, process, and medicinal chemists and biochemists; pharmacists; and upper-level undergraduate and graduate students in these disciplines.

Friction and the interaction of surfaces can usually be felt at the scale of the contacting bodies. Indeed, phenomena such as the frictional resistance or the occurrence of wear can be observable with plain eye, but to characterize them and in order to make a prediction, a more detailed understanding at smaller scales is often required. These can include individual roughness peaks or single molecule interactions. In this Research Topic, we have gathered a collection of articles representing the state of the art in tribology's endeavor to bridge the gap between nano scale elementary research and the macroscopic behavior of contacting bodies. These articles showcase the breadth of questions related to the interaction of micro and macro scale and give examples of successful transfer of insights from one to the other. We are delighted to present this Research Topic to the reader with the hope that it will further inspire and stimulate

research in the field.

As a spectroscopic method, Nuclear Magnetic Resonance (NMR) has seen spectacular growth over the past two decades, both as a technique and in its applications. Today the applications of NMR span a wide range of scientific disciplines, from physics to biology to medicine. Each volume of Nuclear Magnetic Resonance comprises a combination of annual and biennial reports which together provide comprehensive of the literature on this topic. This Specialist Periodical Report reflects the growing volume of published work involving NMR techniques and applications, in particular NMR of natural macromolecules which is covered in two reports: "NMR of Proteins and Acids" and "NMR of Carbohydrates, Lipids and Membranes". For those wanting to become rapidly acquainted with specific areas of NMR, this title provides unrivalled scope of coverage. Seasoned practitioners of NMR will find this an invaluable source of current methods and applications. Specialist Periodical Reports provide systematic and detailed review coverage in major areas of chemical research. Compiled by teams of leading authorities in the relevant subject areas, the series creates a unique service for the active research chemist, with regular, in-depth accounts of progress in particular fields of chemistry. Subject coverage within different volumes of a given title is similar and publication is on an annual or biennial basis.

This book is a printed edition of the Special Issue "Phenolic Compounds in Fruit Beverages" that was published in Beverages

Found worldwide from Alaska to Australasia, *Toxoplasma gondii* knows no geographic boundaries. The protozoan is the source of one of the most common parasitic infections in humans, livestock, companion animals, and wildlife, and has gained notoriety with its inclusion on the list of potential bioterrorism microbes. In the two decades since the publi

The Evidence-based Parenting Practitioner's Handbook provides a comprehensive overview of the knowledge necessary to effectively deliver evidence-based parenting interventions within community and health settings. Using clear examples of how this knowledge can inform frontline work with parents, this practical handbook includes: an overview of the policy context underpinning evidence-based parenting work in the US, UK, Australia and Norway a discussion of how a robust evidence base is established and the ways in which practitioners can access information about good-quality research an overview of how research in the field of child development has contributed to the development of evidence-based parenting interventions an overview of how theories and research in the field of therapeutic practice have contributed to the development of evidence-based parenting interventions what research evidence suggests about the role of the practitioner in the delivery of evidence-based support outcome-focused methods for establishing the evidence base of new parenting interventions outcome-focused methods for commissioning evidence-based parenting services.

Emphasizing the ways in which practitioners can evaluate and translate messages from research into applied work with parents and families, The Evidence-based Parenting Practitioner's Handbook is suitable for all those involved in the delivery of evidence-based parenting support, including frontline practitioners, service managers, parenting commissioners, heads of children's services and policy makers.

The new experimental tools and approaches of modern biology have allowed us to better understand many fundamental properties of the eukaryotic cells. These significant discoveries have drastically changed the diagnostic and therapeutic approaches of modern clinical practice. On April 18-22, 1988, an International Symposium on Cell Function and Disease was held in Monterrey, Nuevo Leon, Mexico, aimed at reviewing some of the most recent advances made in the following five areas: Genes and Human Diseases; Cellular and Molecular Pathology; Infectious Diseases; Brain Transplants and the New Approaches and Techniques with Potential Application to Cell Function and Disease. This book is based on the contributed papers of the symposium. To underline the importance of the clinical approach to the study of cell function and disease a section on this subject was added at the end of the book. The chapters in this volume include contributions by some of the leading scientists of the international scientific community and Mexico. During the course of this international conference, numerous discussions were held by the local and international representatives of the scientific community concerning the creation of an International Center of Molecular Medicine aimed at stimulating further interaction between molecular biologists, biochemists, biophysicists and clinicians. Such ideas received the endorsement and support of the Director General of the United Nations Educational and Scientific Organization (UNESCO), Federico Mayor, the Governor of the State of Nuevo Leon, Jorge Trevino, and the Secretary of Health of Mexico, Guillermo Soberon.

[Copyright: a35ab13f5e6c356d671c4ca8339dd145](https://www.pdfdrive.com/a35ab13f5e6c356d671c4ca8339dd145.html)