

Acgih Industrial Ventilation 23rd Edition

The leading book on the subject of occupational health & safety revised in line with recent UK legislation and practice. New to this edition is the foreword by Judith Hackitt CBE, Chair of the Health and Safety Executive and a brand new chapter on the latest EU and international regulations and directives. Safety at Work is widely accepted as the most authoritative guide to health and safety in the workplace. Offering detailed coverage of the fundamentals and background in the field, this book is essential reading for health and safety professionals or small company owners. Students on occupational health and safety courses at diploma, bachelor and masters level, including the NEBOSH National Diploma, will find this book invaluable, providing students with the technical grounding required to succeed. Edited by an experienced and well-known health and safety professional with contributions from leading experts in research and practice.

Do you need guidelines for choosing a substitute organic solvent that is safer to use? Do you need an effective, cheap but perhaps temporary way to reduce exposures before you can convince your employer to spend money on a long-term or more reliable solution? Do you need information about local exhaust ventilation or personal protective equipment like respirators and gloves? Industrial Hygiene Control of Airborne Chemical Hazards provides the answers to these questions and more. Science-based and quantitative, the book introduces methods for controlling exposures in diverse settings, focusing squarely on airborne chemical hazards. It

bridges the gap between existing knowledge of physical principles and their modern application with a wealth of recommendations, techniques, and tools accumulated by generations of IH practitioners to control chemical hazards. Provides a unique, comprehensive tool for facing the challenges of controlling chemical hazards in the workplace. Although William Popenorf has written the book at a fundamental level, he assumes the reader has some experience in science and math, as well as in manufacturing or other work settings with chemical hazards, but is inexperienced in the selection, design, implementation, or management of chemical exposure control systems. Where the book is quantitative, of course there are lots of formulae, but in general the author avoids vague notation and long derivations.

The one-stop resource for health protection professionals, environmental scientists and safety engineers. Since the entire 40-volume Ullmann's Encyclopedia is inaccessible to many readers - particularly individuals, smaller companies or institutes - all the information on industrial toxicology, ecotoxicology, process safety as well as occupational health and safety has been condensed into this convenient 2-volume set. Based on the latest online edition of Ullmann's containing articles never been before in print, this ready reference provides practical information on applying the science of toxicology in both the occupational and environmental setting, and explains the fundamentals necessary for an understanding of the effects of chemical hazards on humans and ecosystems. The detailed and meticulously edited articles have been written by renowned experts from industry and academia, and much of the information has been thoroughly revised. Alongside explanations of safety regulations and legal aspects, this set covers

food additives, toxic agents as well as medical and therapeutical issues. Top-quality illustrations, clear diagrams and charts combined with an extensive use of tables enhance the presentation and provide a unique level of detail. Deeper insights into any given area of interest is offered by referenced contributions, while rapid access to a particular subject is enhanced by both a keyword and author index.

A Manual of Recommended Practice for Design, 29th Edition

Recognition, Evaluation, and Control of Chemical and Physical Health Hazards

Safety and Health in Confined Spaces

Advanced Air and Noise Pollution Control

Current Practices for Reducing Exposures

Asphalt Fume Exposures During the Manufacture of Asphalt Roofing Products

Industrial hygienists are being called on to provide expertise in more and more different fields. It is often difficult to keep up with the latest technologies in all these fields. This quick reference includes terms found in journals, books, manufacturers' literature, and other sources used daily by industrial hygienists and others. It is filled with nearly 5,000 terms in industrial hygiene, safety, and occupational medicine, plus relevant terms and abbreviations from acoustics, physics, chemistry, and biology. It contains vital information pertaining to bacteriology, environmental health, epidemiology, illumination, mathematics, medicine, microscopy, mineralogy, and other fields. Designed in an easy-to-access format, this handy sourcebook also includes terms and abbreviations used by government to enforce regulations in occupational health and safety. All information is presented in simple, non-technical language

for easy understanding. In the health and safety field the disciplines of environmental health, industrial hygiene, occupational health, and safety are managed, supervised, and addressed by single groups instead of separately, as was previously done. As a result the health/safety professionals in industry today must be generalists instead of specialists. This book has been expanded in recognition of the changes in the field of Industrial hygiene. What's new in the new edition: Contains 50% more terms, definitions and abbreviations Increases coverage on each discipline Includes new entries from other disciplines such as epidemiology, microbiology, indoor air quality environmental health, and sanitation Features Quick Selection Guide to Chemical Protective Clothing provides the reader with the latest information on Selection, Care and Use of Chemical Protective garments and gloves. Topics in the widely-used reference guide include Selection and Use of Chemical Protective Clothing, Chemical Index, Selection Recommendations, Glossary, Standards for Chemical Protective Clothing, Manufactures of Chemical Protective Clothing and European requirements for chemical resistant gloves. The key feature of the book is the color-coded selection recommendations. The red, yellow or green indications are highly appreciated by the users. This sixth edition of the Quick Selection Guide to Chemical Protective Clothing has been updated, to include approximately 1,000 chemicals/chemical brands or mixture of chemicals more than twice the information provided in the original edition. The performance of 9 generic materials and 32 proprietary barriers are compared against the 21 standard test chemicals listed in ASTM F1001. The color-coded recommendations against the broader list of materials now contain 27 representative barrier materials. This best selling pocket guide is the an essential field source for HazMat teams, spill responder, safety professionals, chemists and

chemical engineers, industrial hygienists, supervisors, purchase agents, salespeople and other users of chemical protective clothing.

History: -- K.D. Watson, P. Wexler, and J. Everitt. -- Highlights in the History of Toxicology. -- Selected References in the History of Toxicology. -- A Historical Perspective of Toxicology Information Systems. -- Books and Special Documents: -- G.L. Kennedy, Jr., P. Wexler, N.S. Selzer, and L.A. Malley. -- General Texts. -- Analytical Toxicology. -- Animals in Research. -- Biomonitoring/Biomarkers. -- Biotechnology. -- Biotoxins. -- Cancer. -- Chemical Compendia. -- Chemical--Cosmetics and Other Consumer. -- Products. -- Chemical--Drugs. -- Chemical--Dust and Fibers. -- Chemical--Metals. -- Chemicals--Pesticides -- Chemicals--Solvents. -- Chemical--Selected Chemicals. -- Clinical Toxicology. -- Developmental and Reproductive Toxicology. -- Environmental Toxicology--General. -- Environmental Toxicology-- Aquatic. -- Environmental Toxicology--Atmospheric. -- Environmental Toxicology--Hazardous Waste. -- Environmental Toxicology--Terrestrial. -- Environmental Toxicology--Wildlife. -- Ep ...
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Fundamentals of Industrial Hygiene

Heating, ventilating, and air-conditioning applications

Occupational Exposure to Ethylene Glycol Monobutyl Ether and Ethylene Glycol Monobutyl Ether Acetate

A Strategy for Assessing and Managing Occupational Exposures

Hayes' Principles and Methods of Toxicology, Sixth Edition

Safety and Health in Confined Spaces goes beyond all other resources currently available.

International in scope, the 15 chapters and 10 appendices cover every facet of this important

subject. A significant addition to the literature, this book provides a confined space focus to other health and safety concepts. Confined spaces differ from other workspaces because their boundary surfaces amplify the consequences of hazardous conditions. The relationship between the individual, the boundary surface, and the hazardous condition is the critical factor in the onset, outcome, and severity of accidents in these workspaces. The author uses information about causative and other factors from analysis of fatal accidents to develop a hazard assessment and hazard management system. He provides a detailed, disciplined protocol, covering 36 hazardous conditions, that addresses all segments of work--the undisturbed space, entry preparation, work activity, and emergency preparedness and response--and illustrates how to use it. *Safety and Health in Confined Spaces* gives you the tools you need for preventing and responding to accidents.

Hayes' *Principles and Methods of Toxicology* has long been established as a reliable reference to the concepts, methodologies, and assessments integral to toxicology. The new sixth edition has been revised and updated while maintaining the same high standards that have made this volume a benchmark resource in the field. With new authors and new chapters that address the advances and developments since the fifth edition, the book presents everything toxicologists and students need to know to understand hazards and mechanisms of toxicity, enabling them to better assess risk. The book begins with the four basic principles of toxicology—dose matters, people differ, everything transforms, and timing is crucial. The contributors discuss various agents of toxicity, including foodborne, solvents, crop protection chemicals, radiation, and plant

and animal toxins. They examine various methods for defining and measuring toxicity in a host of areas, including genetics, carcinogenicity, toxicity in major body systems, and the environment. This new edition contains an expanded glossary reflecting significant changes in the field. New topics in this edition include: The importance of dose–response Systems toxicology Food safety The humane use and care of animals Neurotoxicology The comprehensive coverage and clear writing style make this volume an invaluable text for students and a one-stop reference for professionals.

The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Final Report

Trilithic, Inc., Indianapolis, Indiana

Prudent Practices in the Laboratory

Environmental Health Science

Air Contaminants and Industrial Hygiene Ventilation

Basics of Industrial Hygiene

This text provides a unified treatment of the chemical and physical stresses in our common environment. Anyone who has a basic familiarity with college-level biology, chemistry, and physics can gain from it an appreciation of the complex issues that influence the release and

dispersion of chemical and physical agents, their effects on the environment and health, and how we can protect ourselves and the environment from unacceptable risks.

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

Containment Systems: A Design Guide is the only book that covers containment, specifically for the process industries. This Guide covers the range of containment equipment from simple air-flow control devices to enclosures that restrict exposures to well below a microgram per cubic meter averaged over a working day. The selection of a particular containment system for a particular transfer operation can be difficult because of the wide choice available. This Guide provides a structured approach to the selection process. Covers the legislation for containment guidelines in the US, UK, and Europe Provides an exhaustive list of containment equipment, including chapters on maintenance and reliability Shows the engineer how to develop a containment strategy for his/her plant

Environmental Tobacco Smoke

Industrial Hygiene Control of Airborne Chemical Hazards, Second Edition

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Code of Federal Regulations
Industrial Ventilation
Containment Systems
Safety at Work

Prudent Practices in the Laboratory--the book that has served for decades as the standard for chemical laboratory safety practice--now features updates and new topics. This revised edition has an expanded chapter on chemical management and delves into new areas, such as nanotechnology, laboratory security, and emergency planning. Developed by experts from academia and industry, with specialties in such areas as chemical sciences, pollution prevention, and laboratory safety, Prudent Practices in the Laboratory provides guidance on planning procedures for the handling, storage, and disposal of chemicals. The book offers prudent practices designed to promote safety and includes practical information on assessing hazards, managing chemicals, disposing of wastes, and more. Prudent Practices in the Laboratory will continue to serve as the

leading source of chemical safety guidelines for people working with laboratory chemicals: research chemists, technicians, safety officers, educators, and students. The industrial hygienist is actively involved with the engineering community, particularly where the subject of industrial ventilation is concerned. While engineers concentrate on methods and techniques necessary to ensure maximum efficiency of a given system, the industrial hygienist concentrates on human health. Ventilation is one of the most widely used methods of controlling environmental eontaminates, and for this reason, industrial hygienists must have specific knowledge of the design of equipment and the principles which it operates. This informative text, written in easily understood language, will allow those without a mechanical engineering background to understand air calculation and ventilation problems. Industrial Hygiene Ventilation provides the industrial hygienist with a handy reference containing the equations, constants, conversions, and formulae that they will encounter in their day to day

duties.

The second edition of Ventilation Control of the Work Environment incorporates changes in the field of industrial hygiene since the first edition was published in 1982. Integrating feedback from students and professionals, the new edition includes problems sets for each chapter and updated information on the modeling of exhaust ventilation systems, and thus assures the continuation of the book's role as the primary industry textbook. This revised text includes a large amount of material on HVAC systems, and has been updated to reflect the changes in the Ventilation Manual published by ACGIH. It uses both English and metric units, and each chapter concludes with a problem set. Terms, Definitions and Abbreviations, Second Edition
Volume 2

Venturi/Vortex Scrubber Technology for Controlling/Recycling
Chromium Electroplating Emissions
2017 CFR Annual Print Title 40 Protection of Environment -
Part 63 (63.1440 to 63.6175)

Environmental Risk Communication

STN Cushion Company, Thomasville, North Carolina

The fully revised and restructured two-volume 2nd edition of the Industrial Ventilation Design Guidebook develops a systematic approach to the engineering design of industrial ventilation systems and provides engineers guidance on how to implement this state-of-the-art ventilation technology on a global basis. Volume 1: Fundamentals features the latest research technology in the broad field of ventilation for contaminant control including extensive updates of the foundational chapters from the previous edition. With major contributions by experts from Asia, Europe and North America in the global industrial ventilation field, this new edition is a valuable reference for consulting engineers working in the design of air pollution and sustainability for their industrial clients (processing and manufacturing), as well as mechanical, process and plant engineers looking for design methodologies and advice on sensors and control algorithms for specific industrial operations so they can

meet challenging targets in the low carbon economy. Presents practical designs for different types of industrial systems including descriptions and new designs for ducted systems Discusses the basic processes of air and containment movements such as jets, plumes, and boundary flows inside ventilated spaces Introduces the new concept of target levels in the systematic design methodology such as assessing target levels for key parameters of industrial air technology and the hierarchy of different target levels Provides future directions and opportunities in the industrial design field

Industrial Ventilation Design Guidebook, Volume 2: Engineering Design and Applications brings together researchers, engineers (both design and plants), and scientists to develop a fundamental scientific understanding of ventilation to help engineers implement state-of-the-art ventilation and contaminant control technology. Now in two volumes, this reference contains extensive revisions and updates as well as a unique section on best practices for

the following industrial sectors: Automotive; Cement; Biomass Gasifiers; Advanced Manufacturing; Industrial 4.0); Non-ferrous Smelters; Lime Kilns; Pulp and Paper; Semiconductor Industry; Steelmaking; Mining. Brings together global researchers and engineers to solve complex ventilation and contaminant control problems using state-of-the-art design equations Includes an expanded section on modeling and its practical applications based on recent advances in research Features a new chapter on best practices for specific industrial sectors

Leading pollution control educators and practicing professionals describe how various combinations of different cutting-edge process systems can be arranged to solve air, noise, and thermal pollution problems. Each chapter discusses in detail a variety of process combinations, along with technical and economic evaluations, and presents explanations of the principles behind the designs, as well as numerous variant designs useful to practicing engineers. The emphasis throughout is on developing the necessary

engineering solutions from fundamental principles of chemistry, physics, and mathematics. The authors also include extensive references, cost data, design methods, guidance on the installation and operation of various air pollution control process equipment and systems, and Best Available Technologies (BAT) for air thermal and noise pollution control.

Industrial Hygiene Control of Airborne Chemical Hazards
Principles and Methods of Toxicology, Fifth Edition
Guidelines for Safe Handling of Powders and Bulk Solids
ASHRAE Handbook

Ventilation for Control of the Work Environment

Industrial Ventilation Design Guidebook

(Volume 14) Part 63 (63.1440 to 63.6175)

This book provides environmental technology students with an enjoyable way to quickly master the basics of industrial hygiene. Like all the books in the critically acclaimed Preserving the Legacy series, it follows a rapid-learning modular format featuring learning objectives, summaries, chapter-end

reviews, practice questions, and skill-building classroom activities. Throughout the text, sidebars highlight critical concepts, and more than 90 high-quality line-drawings, photographs, and diagrams help to clarify concepts covered. Author Debra Nims begins with a fascinating historical overview of the art and science of industrial hygiene, followed by a concise review of key concepts and terms from biology and toxicology. She then offers in-depth practical coverage of: *

- * Identifying hazards or potential hazards
- * Sampling and workplace evaluations
- * Hazard control
- * Toxicology, occupational health, and occupational health standards
- * Airborne hazards
- * Dermatoses and contact hazards
- * Fire and explosion hazards
- * Occupational noise
- * Radiation
- * Temperature extremes
- * Repetitive use traumas

With its comprehensive coverage and quick-reference format, *Basics of Industrial Hygiene* is also a handy refresher and working reference for practicing environmental technicians and managers.

There are many different types of explosions, each with its own complex mechanism. Understanding explosions is important in preventing them. This reference provides valuable information on

explosions for everyone involved in the operation, design, maintenance, and management of chemical processes, helping enhance understanding of the nature of explosions and the practical methods required to prevent them from occurring. The text includes: Fundamental basis for explosions Explosive and flammable behavior and characteristics of materials Different types of explosions Fire and explosion hazard recognition Practical methods for preventing explosions or minimizing the potential consequences Additional references Understanding Explosions provides a practical understanding of explosion fundamentals, including the different types of explosions, the explosive and flammable behavior of materials, and the hazards related to fires and explosions. It also discusses practical methods to prevent and minimize the probability and consequence of an explosion during routine use of flammable, combustible and/or reactive materials.

Industrial Ventilation Design Guidebook: Volume 1

Occupational Health and Safety

A Handbook of Practical Calculations, Problems, and Solutions

Ullmann's Industrial Toxicology

Understanding Explosions

Volume 2: Engineering Design and Applications

Safety at Work is widely accepted as the most authoritative guide to safety and health in the workplace. Its comprehensive coverage and academically rigorous approach make it essential reading for students on occupational safety and health courses at diploma, bachelor and master level, including the NEBOSH National Diploma. Health and safety professionals turn to it for detailed coverage of the fundamentals and background of the field. The seventh edition has been revised to cover recent changes in UK legislation and practice, including: Construction (Design & Management) Regulations 2007 Regulatory Reform (Fire Safety) Order 2005 Work at Height Regulations 2005 Control of Noise at Work Regulations 2005 Control of Vibration at Work Regulations 2005 Waste regulations 2005, 2006 ISO 12100 Safety of Machinery - Basic concepts and general principles *

Comprehensive coverage of all aspects of H&S management, updated to cover all the latest UK and EU regulations and directives *

Edited by two experienced and well-known H&S professionals, with contributions from leading experts in H&S research and practice

* Ideal reference for all students on degree level courses as well as for H&S and HR professionals

Many Healthcare workers must deal on a daily basis with the transportation, preparation, storage, clean up, and disposal of cytotoxic drugs, which are used in chemotherapy because of their harmful effect on cancer cells. These drugs also have harmful effects on good cells, and they therefore pose a significant health risk to those who work with them. Yet there is little safety and health information available about them, and what information is available is scattered across a vast array of literature. The Safety and Health Handbook for Cytotoxic Drugs collects this information so that healthcare workers can better understand the drugs they work with and the safety and health procedures that should be followed. In it, author Samuel J. Murff presents comprehensive technical and procedural information on 106 of the most common cytotoxic drugs. The book provides guidance on quickly dealing with spills, reducing unnecessary exposure, and complying with pertinent regulations and standards in order to better equip healthcare workers to maintain a safe work environment.

A public meeting with angry residents and eager reporters is a common feature on the local news. Whether addressing environmental, or other issues, the experience for the board members, consultants, and specialists at these meetings ranges from uncomfortable to nightmarish. The issues discussed in these meetings usually stem from years of community disappointment, mistrust, fears, factions, political or social positioning, or all of the above. Industry faces a labyrinth of environmental and business regulations, and unique challenges in dealing with the public and the media. Environmental Risk Communication serves as a guide to understanding and complying with the Federal Risk Management Program and applying risk management and communication principles to daily plant operations. This book also helps Risk Management Plan (RMP) facilities successfully meet the new Federal requirements for public disclosure of RMP offsite consequence analysis results and provides techniques for communicating effectively during environmental emergencies. Written in a straight-forward, no-nonsense style the book presents concise informative chapters, flow diagrams, checklists, and a thorough index. The authors present step-by-

step instruction on developing a principled plan of action that generates open communications. CEOs, Corporate Communications Specialists, Plant Managers, Environmental Compliance Supervisors, Health and Safety Officers, Environmental Scientists and Engineers, and Consultants will benefit from Environmental Risk Communication.

Quick Selection Guide to Chemical Protective Clothing
Principles and Practices for Industry
Information Resources in Toxicology

A Design Guide

Handling and Management of Chemical Hazards, Updated Version
2018 CFR Annual Print Title 40 Protection of Environment - Part
63 (63.1440 to 63.6175)

Founded on the paradox that all things are poisons and the difference between poison and remedy is quantity, the determination of safe dosage forms the base and focus of modern toxicology. In order to make a sound determination there must be a working knowledge of the biologic mechanisms involved and of the methods employed to define these mechanisms. While the vastness of the field and the rapid accumulation of data may preclude the possibility of absorbing and retaining more than a fraction of the available information, a solid

understanding of the underlying principles is essential. Extensively revised and updated with four new chapters and an expanded glossary, this fifth edition of the classic text, Principles and Methods of Toxicology provides comprehensive coverage in a manageable and accessible format. New topics include 'toxicoponomics', plant and animal poisons, information resources, and non-animal testing alternatives. Emphasizing the cornerstones of toxicology-people differ, dose matters, and things change, the book begins with a review of the history of toxicology and followed by an explanation of basic toxicological principles, agents that cause toxicity, target organ toxicity, and toxicological testing methods including many of the test protocols required to meet regulatory needs worldwide. The book examines each method or procedure from the standpoint of technique and interpretation of data and discusses problems and pitfalls that may be associated with each. The addition of several new authors allow for a broader and more diverse treatment of the ever-changing and expanding field of toxicology. Maintaining the high-quality information and organizational framework that made the previous editions so successful, Principles and Methods of Toxicology, Fifth Edition continues to be a valuable resource for the advanced practitioner as well as the new disciple of toxicology.

Are you a practicing occupational hygienist wondering how to find a

substitute organic solvent that is safer to use than the hazardous one your company is using? Chapter 6 is your resource. Are you a new hygienist looking for an alternative technology as a nonventilation substitute for an existing hazard? Chapter 8 is your resource. Are you looking for an overview of ventilation? Chapters 10 and 11 are your resource? Are you an industrial hygiene student wanting to learn about local exhaust ventilation? Chapters 13 through 16 are your resource. Are you needing to learn about personal protective equipment and respirators? Chapters 21 and 22 are your resources. This new edition brings all of these topics and more right up-to-date with new material in each chapter, including new governmental regulations. While many of the controls of airborne hazards have their origins in engineering, this author has been diligent in explaining concepts, writing equations in understandable terms, and covering the topics of non-ventilation controls, both local exhaust and general ventilation, and receiver controls at the level needed by most IHs without getting too advanced. Taken as a whole, this book provides a unique, comprehensive tool to learn the challenging yet rewarding role that industrial hygiene can play in controlling airborne chemical hazards at work. Most chapters contain a set of practice problems with the solutions available to instructors. Features Written for the novice industrial hygienist but useful to prepare for ABIH certification Explains

engineering concepts but requires no prior engineering background
Includes specific learning goals that differentiate the depth of
learning appropriate to each topic within the fuller information and
explanations provided for each chapter Contains updated governmental
regulations and abundant references Presents a consistent teaching
philosophy and approach throughout the book Deals with both
ventilation and non-ventilation controls
Powders and bulk solids, handled widely in the chemical,
pharmaceutical, agriculture, smelting, and other industries present
unique fire, explosion, and toxicity hazards. Indeed, substances which
are practically inert in consolidated form may become quite hazardous
when converted to powders and granules. The U.S. Chemical Safety and
Hazard Investigation Board is currently investigating dust explosions
that occurred in 2003 at WestPharma, CTA Acoustics, and Hayes-Lemmerz,
and is likely to recommend that companies that handle powders or whose
operations produce dust pay more attention to understanding the
hazards that may exist at their facility. This new CCPS guidelines
book will discuss the types of hazards that can occur in a wide range
of process equipment and with a wide range of substances, and will
present measures to address these hazards.
The Code of Federal Regulations of the United States of America
Environmental Health Curricula at Schools of Public Health

Fundamentals

A Manual of Recommended Practice

Safety and Health Handbook for Cytotoxic Drugs

The health effects of tobacco smoke on smokers are well defined. However, the effects on non-smokers are not so clear. Which of the many diseases, cancers, and pathologies that are certainly associated with smoking are also induced by tobacco smoke in non-smokers? What are the effects on non-smokers of smoking bans in the workplace and changes in advertising? How can we effectively curtail the effects of environmental tobacco smoke (ETS)? Environmental Tobacco Smoke brings together in one source the key observations on the nature and effects of exposure to environmental tobacco smoke. The book focuses on the pathological effects of ETS on pregnant women, newborns, youths, adults, and the elderly. In addition, it investigates ETS' contribution to the development of asthma, tobacco allergy, heart disease, and cancer. The book also examines the role of ETS in bringing about other maladies such as DNA damage, gene

activation, and immunosuppression. The materials also explore the problems associated with establishing incontrovertible links between ETS and health problems in non-smokers. Environmental Tobacco Smoke also probes the role of the political and legal systems in modifying behaviors, exposure risks, and health consequences of ETS. The book also summarizes the role of antioxidant supplements in lowering ETS damage and the usefulness of animal models in refining the precision of studies. Clearly, environmental tobacco smoke poses significant health risks. It is also abundantly clear that these risks can be eliminated. It is even more obvious that, in order to establish effective prevention mechanisms, we need to define the extent of health damage attributable to ETS. Environmental Tobacco Smoke provides a plethora of information that educates us on the effects of environmental tobacco smoke on the non-smoking public and thereby equips us to eradicate the problems created by ETS.