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""I PHYSICOCHEMICAL AND TOXICOLOGICAL STUDIES OF ENVIRONMENTAL TOBACCO SMOKE "" ""2 The Physicochemical Nature of Sidestream Smoke and Environmental Tobacco Smoke "";
""INTRODUCTION""; ""SIDESTREAM SMOKE""; ""PRINCIPAL CHEMICAL CONSTITUENTS OF ENVIRONMENTAL TOBACCO SMOKE"";
""RADIOACTIVITY OF ENVIRONMENTAL TOBACCO SMOKE""; ""TOXIC AND CARCINOGENIC AGENTS IN TOBACCO SMOKE""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known""; ""What Scientific Information Is Missing""; ""REFERENCES""; ""3 In Vivo and In Vitro Assays to Assess the Health Effects of Environmental Tobacco Smoke ""
""INTRODUCTION"" ""IN VIVO ASSAYS ON ENVIRONMENTAL TOBACCO SMOKE""; ""Exposure Methods in Laboratory Research""; ""Animal Models in Inhalation Studies""; ""Results of Inhalation Studies""; ""In Vivo Bioassays Other Than Inhalation""; ""IN VITRO ASSAYS ON ENVIRONMENTAL TOBACCO SMOKE""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known""; ""What Scientific Information Is Missing""; ""REFERENCES""; ""II ASSESSING EXPOSURES TO ENVIRONMENTAL TOBACCO SMOKE ""; ""4 Introduction "";
""REFERENCE""; ""5 Assessing Exposures to Environmental Tobacco Smoke in the External Environment ""
""TRACERS FOR ENVIRONMENTAL TOBACCO SMOKE"" "PERSONAL MONITORING""; ""CONCENTRATIONS OF ENVIRONMENTAL TOBACCO SMOKE IN INDOOR ENVIRONMENTS""; ""Various Environmental Tobacco Smoke Constituents""; ""Particulate Levels and Smoking Occupancy"";
""MODELING""; ""Equilibrium Models for RSP""; ""Generation Rate"";
""Ventilation/Infiltration""; ""Removal by Surfaces""; ""Mixing"";
""Volume""; ""Predicting Environmental Tobacco Smoke Exposures from Tobacco Combustion""; ""Application of Respirable Suspended Particulates Model""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known""
""What Scientific Information Is Missing"" ""REFERENCES""; ""6 Assessing Exposures to Environmental Tobacco Smoke Using Questionnaires "";
""EXPOSURE HISTORIES DERIVED FROM QUESTIONNAIRES"";
""ENVIRONMENTAL TOBACCO SMOKE EXPOSURE DATA FOR STUDIES OF ACUTE AND CHRONIC HEALTH EFFECTS""; ""DATA QUALITY""; ""OTHER VARIABLES""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known""; ""What Scientific Information Is Missing""; ""REFERENCES""; ""7 Exposure-Dose Relationships for Environmental Tobacco Smoke "";
""ESTIMATING DOSE""; ""PARTICLE SIZE""; ""BREATHING PATTERN"";
""DEPOSITION OF CIGARETTE SMOKE PARTICLES""

Sommario/riassunto

This comprehensive book examines the recent research investigating the characteristics and composition of different types of environmental tobacco smoke (ETS) and discusses possible health effects of ETS. The volume presents an overview of methods used to determine exposures to environmental smoke and reviews both chronic and acute health effects. Many recommendations are made for areas of further research, including the differences between smokers and nonsmokers in absorbing, metabolizing, and excreting the components of ETS, and the possible effects of ETS exposure during childhood and fetal life.
