1. Record Nr. UNINA9910459290703321

Autore	Gorky Maksim <1868-1936.>
Titolo	Childhood [[electronic resource] /] / Maksim Gorky; translated from Russian, with an introduction and notes, by Graham Hettlinger
Pubbl/distr/stampa	Chicago, : Ivan R. Dee, 2010
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Descrizione fisica	1 online resource (233 p.)
Disciplina	891.78309 928.917
Soggetti	Russian literature Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Translation of Detstvo.
Nota di contenuto	Introduction; Chapter I; Chapter II; Chapter III; Chapter IV; Chapter V; Chapter VI; Chapter VII; Chapter VIII; Chapter IX; Chapter X; Chapter XI; Chapter XII; Chapter XIII; Acknowledgments; Notes
Sommario/riassunto	Aleksey Peshkov overcame indigence, violence, and suicidal despair to become Maksim Gorky, one of the most widely read and influential writers of the twentieth century. Childhood, the first book in Gorky's acclaimed autobiographical trilogy, depictshis early years, when after his father's death he was taken to live in the home of his maternal grandfather, a violent and vindictive man who both provided the child with a rudimentary education and subjected him to savage beatings. With remarkable freshness and candor, Gorky immerses his reader in a young child's world, recreating in dynamic pro

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Descrizione fisica	1 online resource (442 p.)
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Nota di contenuto	PHYSIOLOGICALLY BASED PHARMACOKINETIC MODELING; CONTENTS; PREFACE; ACKNOWLEDGMENTS; CONTRIBUTORS; CHAPTER 1 INTRODUCTION: A HISTORICAL PERSPECTIVE OF THE DEVELOPMENT AND APPLICATIONS OF PBPK MODELS; 1.1 Introduction; 1.2 A Historical Perspective; 1.2.1 Responses to Inhaled Compounds; 1.2.2 Pharmaceutical Applications; 1.2.3 Occupational and Environmental Applications; 1.2.4 Digital Computation and PBPK Modeling; 1.3 Expansion of PBPK Model Applications; 1.3.1 PBPK Models for Tissue Dosimetry from Secondary Data; 1.3.2 Biological Mechanisms Underlying Pharmacokinetic Behaviors 1.3.3 Chemicals as Probes of Biological Processes1.3.4 Risk Assessment Applications; 1.3.5 PBPK Models as Repository of Mechanistic Data on Distribution and Response; 1.4 Summary; Notation; References; PART I PBPK MODELING FOR VOLATILE ORGANIC COMPOUNDS; CHAPTER 2 HALOGENATED ALKANES; 2.1 Introduction;

2.2 PBPK Model Development for Volatile Organics; 2.2.1 Model Formulation; 2.2.2 Model Equations; 2.2.3 Model Parameterization; 2.2.4 Model Calculations; 2.3 Experimental Methods Demonstrated for Groups of Chemicals; 2.4 PBPK Models for Halogenated Alkanes; 2.4.1 Anesthetic Gases
2.4.2 Chlorofluorocarbons (CFCs), Refrigerants, and Halons2.4.3 Halogenated Alkanes; 2.5 Summary; Notation; References; CHAPTER 3 HALOGENATED ALKENES; 3.1 Introduction; 3.2 The Chloroethylenes: Background; 3.3 Review of PBPK Models; 3.3.1 Vinyl Chloride (VC); 3.3.2 Vinyl Fluoride (VF); 3.3.3 cis-1,2-Dichloroethylene (cDCE) and trans-1,2-Dichloroethylene (tDCE); 3.3.4 Vinylidene Chloride (VDC); 3.3.5 Trichloroethylene (TCE); 3.3.6 Tetrachloroethylene (PERC); 3.3.7 Allyl Chloride (AC); 3.3.8 b-Chloroprene (CD); 3.3.9 Hexachlorobutadiene, HCB; 3.4 Summary; Notation; References CHAPTER 4 ALKENE AND AROMATIC COMPOUNDS4.1 Introduction; 4.2 PK and Pharmacodynamic Properties Important in PBPK Model Development for Aromatic and Alkene Compounds; 4.2.1 Metabolism and Mode of Action; 4.2.2 Model Structures; 4.2.3 PK Differences; 4.2.4 Extrahepatic Metabolism and Transport of Metabolites; 4.2.5 GSH Conjugation; 4.2.6 Endogenous Production; 4.2.7 Reactivity with DNA and Protein; 4.2.8 Inhibition of Second Oxidative Steps; 4.2.9 Variability and PK Differences; 4.2.10 Subcompartments in PBPK Models; 4.2.11 "Privileged Access" of Epoxide Hydratase to Epoxide Substrates
4.3 Review of Aromatic and Alkene PBPK Models4.3.1 Benzene-A Known Human Carcinogen with an Uncertain Mode of Action; 4.3.2 Styrene-Early PBPK Models; 4.3.3 1,3-Butadiene; 4.3.4 Isoprene; 4.3.5 Ethylene, Propylene, and Their Oxides; 4.3.6 Naphthalene and Other PAHs; 4.3.7 Halobenzenes; 4.3.8 Miscellaneous Related Compounds; 4.4 Summary; Notation; References; CHAPTER 5 REACTIVE VAPORS IN THE NASAL CAVITY; 5.1 Introduction; 5.1.1 Nasal Effects and Risk Assessment; 5.1.2 General Models for Nasal Uptake; 5.2 No Air-Phase Models; 5.2.1 The "Perfused Nose" Model; 5.2.2 Vinyl Acetate
5.3 Creating the Air-Phase Compartments

Sommario/riassunto

A definitive, single source of information on PBPK modelingPhysiologically-based pharmacokinetic (PBPK) modeling is becoming increasingly important in human health risk assessments and in supporting pharmacodynamic modeling for toxic responses. Organized by classes of compounds and modeling purposes so users can quickly access information, this is the first comprehensive reference of its kind.This book presents an overview of the underlying principles of PBPK model development. Then it provides a compendium of PBPK modeling information, including historical development, specific modeli