

## TABLE OF CONTENTS

Chapter 1	
Introduction .....	1
<b>Kinfe K. Redda and Charles A. Walker</b>	
Chapter 2	
The National Perspective of Drug Abuse .....	5
<b>Elaine M. Johnson</b>	
Chapter 3	
Behavioral Pharmacology of Drug Abuse .....	15
<b>James P. Cleary and Kenneth D. McIntire</b>	
Chapter 4	
Getting Involved in Drug Abuse Education and Prevention .....	31
<b>Carol Bohach</b>	
Chapter 5	
Pharmacology of Cocaine Abuse .....	39
<b>Roger M. Brown</b>	
Chapter 6	
Cocaine Kinetics in Humans .....	53
<b>John J. Ambre</b>	
Chapter 7	
Cocaine Pharmacology and Toxicology .....	71
<b>Randall L. Commissaris</b>	
Chapter 8	
Cocaine Use in Man: Subjective Effects, Physiologic Responses, and Toxicity .....	83
<b>Karen M. Kumor, Michael A. Sherer, and Nicola G. Cascella</b>	
Chapter 9	
Treatment of Cocaine Abuse: Medical and Psychiatric Consequences .....	97
<b>Maria-Elena Rodriguez</b>	
Chapter 10	
Marijuana Pharmacokinetics and Pharmacodynamics .....	113
<b>C. Nora Chiang and Gene Barnett</b>	
Chapter 11	
Marijuana Abuse: Its Pharmacology and Effects on Testicular Function .....	127
<b>Syed Husain</b>	
Chapter 12	
Marijuana: Analysis and Detection of Use Through Urinalysis .....	145
<b>Mahmoud A. ElSohly and Hala N. ElSohly</b>	

Chapter 13	
Designer Drugs: An Overview .....	163
<b>Gene Barnett and Rao S. Rapaka</b>	
Chapter 14	
Substituted Amphetamine Controlled Substance Analogues .....	175
<b>David E. Nichols</b>	
Chapter 15	
Pharmacology and Toxicology of MPTP: A Neurotoxic By-Product of Illicit Designer Drug Chemistry .....	187
<b>Anthony Trevor, Neal Castagnoli, Jr., and Thomas P. Singer</b>	
Chapter 16	
Methyl-Phenyl-Tetrahydropyridine Neurotoxicity: From Clandestine Drug Synthesis to a Model for Parkinson's Disease .....	201
<b>Jordi Cami</b>	
Chapter 17	
Uses and Abuses of Anabolic Steroids by Athletes.....	211
<b>Sayed M. H. Al-Habet, Kinfe K. Redda, and Henry J. Lee</b>	
Index .....	233