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| Titolo | Drugs of abuse : pharmacology and molecular mechanisms // Sherrel G. Howard ; cover design by Matt Kuhns |
| Pubbl/distr/stampa | Ames, Iowa : , : Wiley-Blackwell, , 2014 ©2014 |
| ISBN | 1-118-85014-9 1-118-85015-7 |
| Edizione | [Electronic version.] |
| Descrizione fisica | 1 online resource (xiii, 194 pages) : illustrations |
| Altri autori (Persone) | KuhnsMatt |
| Disciplina | 362.29 |
| Soggetti | Central nervous system stimulants Drugs of abuse - Physiological effect Substance abuse - Treatment |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Biochemistry of neurotransmission -- Amphetamine and amphetamine analogues -- Cocaine -- Benzodiazepines and barbiturates -- Phencyclidine and ketamine -- Gamma hydroxybutyrate -- Morphine and morphine antagonists / Carlos Cepeda and Sherrel Howard -- LSD and mescaline -- Marijuana -- Inhalants and miscellaneous drugs -- Treatment and recovery programs / Mark DeAntonio. |
| Sommario/riassunto | Drug abuse has been, and continues to be, a global societal issue with diverse sets of impacts. Drugs of Abuse: Pharmacology and Molecular Mechanisms introduces the basic principles of pharmacology and neuroscience of drug abuse. Understanding the chemistry of commonly abused drugs and their impact on brain function will provide students and researchers with a more profound understanding of the molecular basis of drug abuse and addiction. Drugs of Abuse: Pharmacology and Molecular Mechanisms opens with a brief history of drug use and abuse. Subsequent sections look at specific families of drugs, including stimulants, depressants, and hallucinogens among others, and explore how their chemical make-up interacts with brain function. The final chapter provides a brief overview of clinical substance abuse treatment. |

