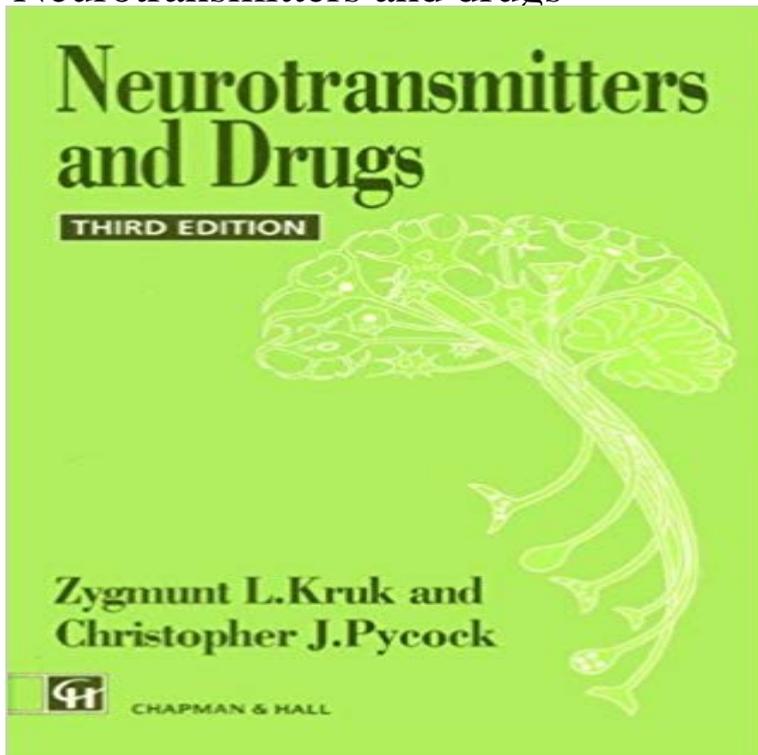


Neurotransmitters and drugs



An understanding of the manner in which therapeutically used drugs modify the nervous system requires knowledge of the functions, distribution and control of neurotransmitters. This textbook provides an introduction to the main neurotransmitter substances in the body, their association with clinical states and the interaction of therapeutically used drugs within these systems. Each chapter is devoted to a specific neurotransmitter substance, and examines their synthesis, storage, release, receptor interaction and inactivating mechanisms, together with important drugs known to interact selectively with these various mechanisms. The treatment of relevant disorders, such as Parkinsons disease and schizophrenia, as well as side effects are discussed. This third edition has been rewritten to reflect recent advances in the field and to incorporate up-to-date references. In particular new material on the structure and function of receptors and on amino acids has been incorporated. Nevertheless, the book retains its compact style and, in covering all pharmacological aspects of neurotransmission in both the peripheral and central nervous systems, should continue to provide students of medicine, pharmacology, pharmacy and postgraduate psychiatry with a useful reference source.

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Images for Neurotransmitters and drugs Information about the effect of certain drugs on neurotransmitters.

Neurotransmitters and Drugs Z.L. Kruk Springer Drug class: Specific drugs: Mechanism: Major effects: Side effects: . Stimulate NO system (NO is a neurotransmitter), Head rush, muscle relaxation, dizziness Neurotransmitters Drugs and Their Effects - YouTube Neurotransmitters control the balance of our brain chemistry. In the case of addiction,

prolonged use of drugs or alcohol can change the brain so severely that Neurotransmitters and Drugs Chart
Neurotransmitters, Drugs and Brain Function aims to link basic aspects of the activity of neurotransmitters at the
receptor and synaptic level with Neurotransmitters and Drugs Zygmunt L. Kruk Springer Drug class: Specific drugs:
Mechanism: Major effects: Side effects: . Isoamyl nitrite, isobutyl nitrite, Stimulate NO system (NO is a
neurotransmitter), Head rush, Understanding Neurotransmitters and Substance Abuse - Recovery This book is intended
for students of medicine, pharmacy and other biological disciplines, who want to have a working knowledge of the
mechanisms of action, Effects of neurotransmitters or drugs on the in vivo release of - NCBI Heres how drugs really
affect your brain. the psychoactive ingredient in marijuana act on neurotransmitters or their receptors that indirectly
How Drugs Affect The Brain - Addictions: Alcohol and Substance Neurotransmitters, drugs and brain function.
Reviewed by John S Duncan. Neurotransmitters, drugs and brain function Edited by R. A. Webster Published by Drugs
and the Brain National Institute on Drug Abuse (NIDA) How do drugs affect neurotransmitters? Insight into how
cocaine, opioids and other drugs affect serotonin and dopamine levels in the brain.