

Introduction to Neuropsychopharmacology

By Leslie Iversen, Susan Iversen, Floyd E. Bloom, Robert H. Roth

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Introduction to Neuropsychopharmacology expands on the molecular and cellular foundations of the classic *Biochemical Basis of Neuropharmacology, Eighth Edition* (Cooper, Bloom, and Roth) by now including the behavioral methods used to study psychoactive drugs in experimental animals and in humans. Authored by four founders of modern neuroscience, this concise and comprehensive text covers the current series of medications used to treat diseases of the brain and nervous system--both psychiatric and neurologic--as well as legal and illegal recreational drugs and the neuroscientific information that explains how these medications act on the brain from the molecular to the clinical level. The text ranges from drugs that affect the mood and behavior to hypnotics, narcotics, anticonvulsants, and analgesics.

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Editorial Review

Review

"...Marvelous...This informative and readable new introductory textbook of neuropsychopharmacology should be required reading for any medical student, graduate student, or physician interested [in] understanding neuroscience. It is an outstanding learning tool."--*Doody's*

"This is a valuable and comprehensive introductory text to the science of the nervous system, with insightful commentary on receptors, neurotransmitters, neuromodulators, and pharmacological manipulation of the central nervous system...The text is both user-friendly and intuitive and suitable for graduate students in the biological sciences, as well as any medical students or professionals who wish to understand neuroscience, or undergraduates with a particular interest in the field."--*The Pharmacological Journal*

"The *Biochemical Basis of Neuropharmacology* by Copper, Bloom and Roth, the predecessor of the current volume, served several generations of neuroscientists in English speaking countries by providing its readers with a well written and 'state of the art' text. We are now fortunate to have a new edition written by two of the original authors joined by two highly respected neuropharmacologists from Oxford who have been at the forefront of this specialty for several decades....this text is essential for anyone wishing to understand the basic mechanisms that underlie neuropharmacology... Many readers will appreciate the excellent illustrations that help to clarify some of the more complex mechanisms described in the text...I strongly recommend it to anyone wishing to get an insight into neuropharmacology."--Brian E. Leonard, Pharmacology Dept., National University of Ireland, as reviewed in *Human Psychopharmacology: Clinical and Experimental*

"...it has just the right amount of information to introduce and expand upon the subject for the novice and provide a refresher to those who have studied the subject previously. Its translational approach, which often includes a survey of the animal experiments that led to the discovery of therapeutic drugs, makes it an invaluable resource for teaching and to those unfamiliar with the basic methodologies used in psychiatric drug discovery." --The American Journal of Psychiatry

"A particular charm of the book continues to be its masterly and efficient communication of complex concepts in way that is understandable and even compelling to students, trainees, and nonexperts as well as worthy of the attention of experienced investigators...The book remains one of the most readable and reliable introductions to the basic, preclinical science of neuropsychopharmacology. The addition of new authors offers hope that this classic may continue into further editions." --*Journal of Clinical Psychiatry*

About the Author
Floyd C. Bloom is Director of the Division of Preclinical Neuroscience at Scripps Clinical Research Institute. Robert H. Roth is Professor of Pharmacology and Psychiatry, School of Medicine at Yale University.

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