

PREFACE

The advent of the cloning of a large number of receptors and transporters for neurotransmitters and the simultaneous increase in the sophistication of tools available to produce specific mutations and chimeras of these proteins have provided scientists with the tools to understand the pharmacological and functional properties of such receptors and transporters at an hitherto unattained level. When this knowledge is combined with expertise in medicinal and computational chemistry, the basis for understanding the interactions between ligands and their corresponding macromolecules is greatly facilitated.

Molecular Neuropharmacology: Strategies and Methods is intended to bridge the gap between molecular biology and advanced chemistry. In addition, it attempts to include information about x-ray crystallographic analyses whenever available. This book discusses interdisciplinary interactions for monoamine transporters, amino acid transporters, ionotropic receptors, metabotropic glutamate receptors, GABA receptors, and other G protein-coupled receptors.

Arne Schousboe, PhD, DSc
Hans Bräuner-Osborne, PhD, DSc



<http://www.springer.com/978-1-58829-143-1>

Molecular Neuropharmacology

Strategies and Methods

Schousboe, A.; Brauner-Osborne, H. (Eds.)

2004, XI, 271 p., Hardcover

ISBN: 978-1-58829-143-1

A product of Humana Press