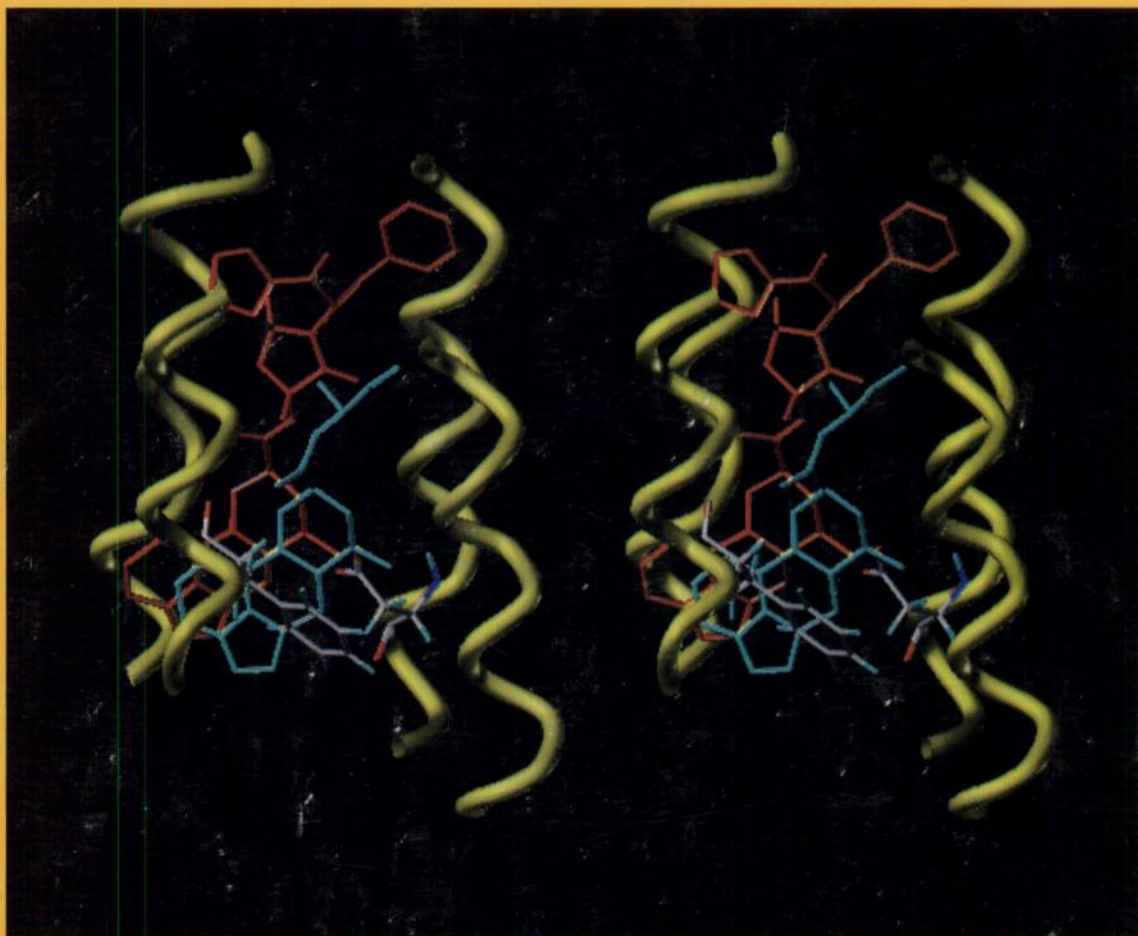


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New Editorial Board and New Cover

The editorial office moved from Chapel Hill to Atlanta in January 1995, and now that all the manuscripts handled by the previous board have been published, the new editorial board is listed on the inside front cover. We owe an unpayable debt of gratitude to the previous editorial board and the previous editor, Ken Harden, for continuing the steady improvement in MOLECULAR PHARMACOLOGY. Indeed, that MOLECULAR PHARMACOLOGY has been designated as having the highest impact factor among all peer-reviewed pharmacology journals worldwide is a tribute to Ken and his editorial board.

Beginning with Volume 48, our journal cover has also been changed. The new cover retains the distinctive background shade and typeface of the previous one but incorporates a color illustration from a recent article. Each cover will be used for the entire volume (six issues), and we encourage submission of appropriate color illustrations with manuscripts.

The new cover depicts a cross-sectioned stereo view of the 5-HT_{2A} receptor complexes with ergonovine (*cyan*) and ergotamine (*red*). The helical backbones for transmembrane domains 3, 4, 6, and 7 are shown in *yellow*. A mutagenesis strategy was used to demonstrate the importance of receptor residues F340 and D155 (shown in *gray*) for docking with the ergoline nucleus. From Choudhary, M. S., N. Sachs, A. Uluer, R. A. Glennon, R. B. Westkaemper, and B. L. Roth. Differential ergoline and ergopeptide binding to 5-hydroxytryptamine_{2A} receptors: Ergolines require an aromatic residue at position 340 for high affinity binding. *Mol. Pharmacol.* **47**:450–457 (1995).

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Suitable papers are those that describe applications of the methods of biochemistry, biophysics, genetics, and molecular biology to problems in pharmacology or toxicology. Also suitable are reports of fundamental investigations which, although not concerned directly with drugs, nevertheless provide an immediate basis for further study of the molecular mechanism of drug action. Observations of phenomena that shed no light upon underlying molecular interactions are not appropriate for publication. Comparative studies, such as those involving drug-receptor or drug-enzyme interactions that already have been well characterized in other types of cells or tissues, also are inappropriate for publication unless they contribute significant new insight into mechanisms.

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Specific areas of interest include: identification and characterization of receptors for hormones, growth factors, neurotransmitters, toxins, and other drugs; analysis of receptor response pathways; drug effects on metabolic pathways, biosynthesis and degradation of macromolecules, and cellular regulatory mechanisms; analysis of drug-receptor and drug-enzyme interactions; effects of drugs on structure and properties of macromolecules and membranes; relationships between drug structure and activity; molecular mechanisms of drug metabolism; distribution and transport between biological compartments; molecular mechanisms of chemical mutagenesis, carcinogenesis, and teratogenesis; and molecular mechanisms of selective toxicity, drug allergy, and pharmacogenetics.

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