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About the cover: Depiction of cross-sectioned stereo views of the 5-HT2A 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. Westkämper, and B. L. Roth. Different ergoline and ergopeptine binding to 5-hydroxytryptamine2A receptors: Ergolines require an aromatic residue at position 340 for high affinity binding. Mol. Pharmacol. 47:450–457 (1995).