

## Potential Association Between Receptor Blockade and Desirable Clinical Outcomes

Receptor	Potential Effects of Blockade
D <sub>2</sub>	Antipsychotic, anti-manic, anti-aggression
D <sub>3</sub>	Improve negative symptoms and cognition
α <sub>2</sub> adrenergic	Antidepressant, increased alertness
H <sub>1</sub>	Anxiolytic, sleep induction, anti-EPS/akathisia
M <sub>1</sub>	Anti-EPS/akathisia
5-HT <sub>1A</sub> (partial agonism)	Anxiolytic, antidepressant, improve negative symptoms and cognition, anti-EPS/akathisia
5-HT <sub>2A</sub>	Anti-EPS/akathisia, antipsychotic(?), improve cognition and mood
5-HT <sub>2C</sub>	Improve cognition/mood
5-HT <sub>7</sub>	Antidepressant

Stahl SM, Stahl's Essential Psychopharmacology, 4th Edition, Cambridge University Press, 2013;  
Shayegan DK et al. CNS Spectr 2004;9(10 Suppl 11):6-14.