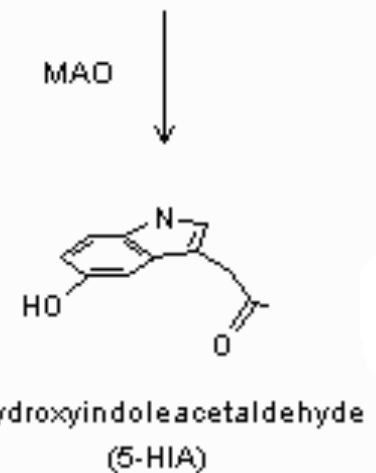
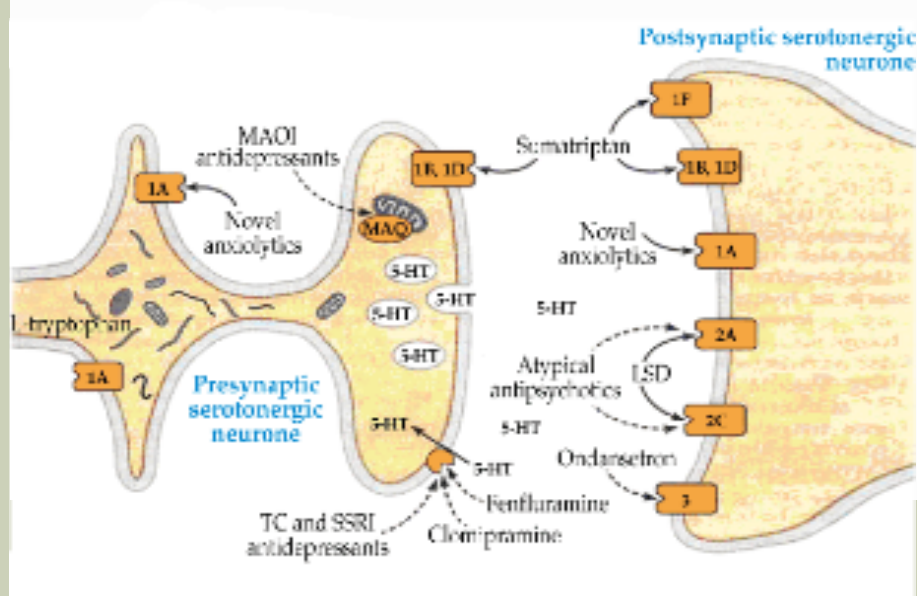
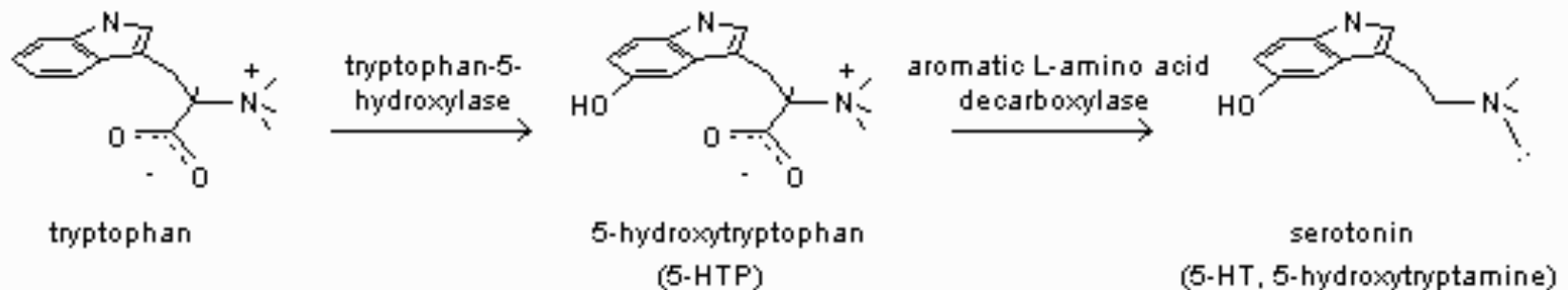


# PATHOPHYSIOLOGY



# PRECIPITANTS

**Table 1: Situations that cause overstimulation of serotonin (5-HT<sub>1A</sub>) receptors<sup>2,3,8</sup>**

Situation	Associated drugs
Excess of precursors of serotonin or its agonists	Buspirone, L-dopa, lithium, LSD, L-tryptophan, trazodone
Increased release of serotonin	Amphetamines, cocaine, MDMA ("ecstasy"), fenfluramine, reserpine
Reduced reuptake of serotonin	SSRI, TCA, trazodone, venlafaxine, meperidine
Slowing down of serotonin metabolism	MAOI, e.g., isocarboxazid, selegiline

Note: LSD = lysergic acid diethylamide, MDMA = methylenedioxymethamphetamine, SSRI = selective serotonin reuptake inhibitors, TCA = tricyclic antidepressants, MAOI = monoamine oxidase inhibitors.

*Antidepressants and migraine medicines, when taken together, may cause a potentially fatal problem, called SEROTONIN SYNDROME!*

