

Mesolimbic Pathway (Dopaminergic)



PLAY PICMONIC

Dopamine Pathway

[Doberman Pathway](#)

The mesolimbic pathway is one of the four dopaminergic pathways involved in the release of dopamine.

Location

Ventral Tegmental Area

[Tiger-metal](#)

The mesolimbic pathway begins in the ventral tegmental area of the midbrain.

Nucleus Accumbens

[A-cummerbund](#)

The mesolimbic pathway ends at the nucleus accumbens of the forebrain.

Characteristic

Reward System

[Reward Sign](#)

The mesolimbic pathway is responsible for controlling the reward pathway of the brain. This pathway can involve feelings such as positive reinforcement and pleasure.

Defect

Positive Symptoms

[Positive \(+\) Sign](#)

If there is a defect or inhibition of the mesolimbic pathway, then this can lead to the positive symptoms seen in schizophrenia. These positive symptoms can include delusions, hallucinations, and disorganized speech.

Target by Antipsychotics

[Target on Ant-tie-psychiatrist](#)

The mesolimbic pathway is the main target of antipsychotic medications used in the treatment of schizophrenia.