

Parkinsonian Executive Dysfunction Is Associated With Reduced Serotonin

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Executive function was examined in mice lesioned with MPTP. MPTP did not affect baseline performance of the tasks. When challenged with shorter cue durations, reaction times were slower in lesioned mice. When pre-cue times were doubled, MPTP mice increased impulsive responding. Prefrontal serotonin was the best predictor of impaired performance.

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