



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Pharmacology

Presents

“Preclinical evidence in support of 5-HT1B receptor agonist treatment of cocaine use disorders”

By



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Host: Dr. Art Riegel

Abstract: Initial investigation of the effects of 5-HT1B receptor agonist effects on cocaine self-administration in rats suggested that these drugs enhance the reinforcing value of cocaine and would be counter-indicated for treatment of cocaine use disorders. However, our research has shown that there is a flip in 5-HT1B receptor agonist effects after a period of forced abstinence in male rats such that these drugs decrease cocaine self-administration and cocaine-seeking behavior. The implications of this line of research for repurposing of 5-HT1B receptor agonists for treatment of cocaine use disorders will be discussed.

Wednesday, February 9, 2022

11:00 am – Noon - AHSC 8403

Or by Zoom: <https://arizona.zoom.us/j/84524481802>

Meeting ID 845 2448 1802