



THE UNIVERSITY OF ARIZONA  
COLLEGE OF MEDICINE TUCSON  
**Pharmacology**

## Presents

### “The Three "C's" of Post-Traumatic Headache: Cells, Circuits and Cortical Spreading Depression”

By



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Host: Dr. Todd Vanderah

**Abstract:** Post-traumatic headache (PTH) is the most common and often debilitating outcome of a mild traumatic brain injury (mTBI). The headaches can last for months to years after even a single injury, yet the underlying pathophysiology remains poorly understood and current medical therapies are often ineffective. To begin addressing this we present results from a recently developed preclinical animal model of PTH using electrophysiological, neuroimaging and optogenetic approaches to examine mTBI induced cellular and circuit dysfunction that may promote PTH.

**Wednesday, February 2, 2022**

**11:00 am – Noon - AHSC 8403**

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

**Meeting ID 845 2448 1802**