The Robert M. Berne Cardiovascular Research Center Presents

Nancy Kanagy, PhD

H2S: The Newest Endothelium-derived Vasodilator

Endogenous hydrogen sulfide is gaining recognition as an important vasodilator. I will present data from our research investigating this the novel vasodilator investigating the mechanisms of H2S-induced dilation, how signaling by this pathway is impaired in rats exposed to chronic, intermittent hypoxia to simulate sleep apnea and our hypothesis on the role of H2S in regulating blood pressure and blood flow. Our data suggest vascular endothelial cells are the primary target for H2S in the mesentery and in the kidney and that H2S acts through a novel signaling pathway not previously described.

Thursday February 2, 2017
11:00 AM-12:00 PM
MR5 3005

Hosted By: Swapnil Sonkusare, PhD
Refreshments Served