The Robert M. Berne Cardiovascular Research Center Presents

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TRPV4, endothelial permeability and specificity in calcium signaling

TRPV4, a cation channel expressed in lung and vascular cells, has been implicated in ventilator- and high vascular pressure-induced lung injury. The impact of TRPV4 activation on lung endothelial permeability depends on endothelial phenotypic heterogeneity, channel localization and downstream mechanisms in the endothelial cell. Sequestration of the TRPV-mediated calcium signal to constrained microdomains in lung endothelium likely plays a key role as well.

Thursday November 9th, 2017
11:00 AM – 12:00 PM
MR5 3005
Refreshments Served
Hosted by: Victor Laubach