The Robert M. Berne Cardiovascular Research Center Presents

Steve Segal, PhD

Affiliation: Curators Distinguished Professor, Chancellor's Professor of Research Excellence Margaret Proctor Mulligan, Professor in Medical Research, University of Missouri

Responses and Resilience to Insult and Injury in the Microcirculation

Synopsis: Advancing age, consuming a Western-style diet, and chronic inflammation elevate basal levels of reactive oxygen species. We are testing the hypothesis that constitutively elevated ROS promotes microvascular resilience to acute oxidative stress, as does being female. Acute injury to skeletal muscle disrupts microvessels along with myofibers. We are testing the hypothesis that crosstalk between regenerating myofibers and microvessels is integral to effective restoration of skeletal muscle structure and function.

Thursday March 19th, 2020
11:00 AM-12:00 PM
MR5 3005

Hosted by: Brant Isakson, PhD
Refreshments Served