

# PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute and co-sponsored by the institute's Center for Exercise Medicine Research



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## *Regulation of Mitochondrial Parameters in Skeletal Muscle*

Endurance exercise is a well-known mediator of mitochondrial biogenesis and oxidative capacity in skeletal muscle. The PGC-1 Family of transcriptional co-activators have been widely thought to be required for mitochondrial biogenesis and respiration capacity in skeletal muscle. Dr. Rowe and his lab have generated a series of muscle specific PGC-1 knockout lines to systematically determine the contribution to mitochondrial biogenesis and oxidative capacity as well as exercise performance.

FRIDAY, MAY 3, at 11 a.m.

Room G101 A/B, 4 Riverside Circle  
Watch live via Zoom at <https://FralinBioMed.info/PBR-Join>.



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