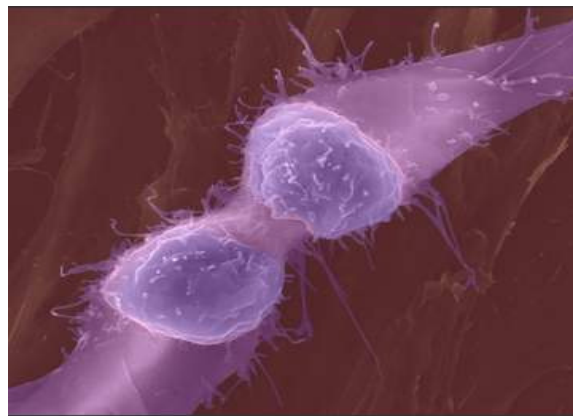




Maintaining skeletal muscle mass: Lessons learned from hibernation, hypotonia and aging



Skeletal muscle is the largest organ in the human body comprising ~50% of the body's weight. Maintenance of normal muscle mass and physiology is essential for health. Numerous inherited neuromuscular disorders as well as disuse (e.g., immobilization, denervation, and microgravity) and aging result in debilitating loss of skeletal muscle. The current lecture will present molecular aspects of how to maintain skeletal muscle mass in hibernating animals and how to extrapolate these findings into inherited and acquired forms of muscle atrophy and degeneration.

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(Candidate for Cross-appointment)

Host: Dr. Howard Lipshitz

Date: Wednesday July 3, 2013

Time: 3:00 p.m.

Place: Donnelly CCBR Building
160 College Street
Red Seminar room