

# **SUPPLEMENTAL MATERIAL**

### **Supplemental Video Legends:**

**Video S1. Four-dimensional ultrasound derived-strain map in leptin-treated animal obtained 4 weeks after I/R injury.** The blue color indicates increased surface area strain. Best viewed with Windows Media Player.

**Video S2. Four-dimensional ultrasound derived-strain map in vehicle-treated animal obtained 4 weeks after I/R injury.** The red color indicates decreased surface area strain. Best viewed with Windows Media Player.