

# Advances in Exercise and Sports Physiology

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## *Originals*

### **Effect of acute high-intensity contractions on irisin expression in mouse skeletal muscles and blood**

..... Riku TANIMURA, Katsuyuki TOKINOYA, Takanaga SHIRAI,  
..... Kazuki UEMICHI, Tomohiro IWATA and Tohru TAKEMASA

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### **Effects of mechanistic/mammalian target of rapamycin complex 1 inhibition on mitochondrial dynamics-related responses induced by resistance exercise in mouse skeletal muscle**

..... Kazuki UEMICHI, Takanaga SHIRAI, Riku TANIMURA and Tohru TAKEMASA

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## *Short Review*

### **Motor context modulating neural communication between the cortex and muscle**

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