Skeletal Muscle Physiology Laboratory

Samuel R. Ward, PT, PhD
Professor Departments of Radiology, Orthopaedic Surgery, and Bioengineering
Vice Chair of Research, Orthopaedic Surgery
University of California San Diego
Clinical Problem- Muscle Degeneration

Shoulder
R01 HD073180

Spine
DoD WX81XHW
Goal- Muscle Recovery/repair

- Tendon Repair
- Anti-fibrotic RX
- Cell or drug Rx

- Tendon Healing
- Muscle Injury (regen stim)
- Exercise

Lieber and Ward, AJP Cell Physiol, 2014