Skeletal Muscle Physiology Laboratory

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Clinical Problem - Muscle Degeneration

Shoulder
R01 HD073180

Spine
DoD WX81XHW

Normal
Pathological
Model Systems

Control

Repair

Scar

Sham

Human

Rat

Mouse
Biological Tools

Biopsy/Histology

‘omics

Stem Cell Biology

Patient/Animal Function
Goal- Muscle Recovery/repair

Lieber and Ward, AJP Cell Physiol, 2014