It’s a wrap: myelin plasticity and rehabilitation in chronic Spinal Cord Injury

D. Michele Basso, Ed.D, PT
Professor, School of Health and Rehabilitation Sciences
Associate Director, School of Health and Rehabilitation Sciences

Relying on translational research and close collaborations with Dr. McTigue and her lab, we examine whether activity-dependent rehabilitation in both mice and humans regulates white matter changes in chronic spinal cord injury. Our intervention is novel and focuses on eccentric motor control to drive complex skill learning and integration of supraspinal and afferent systems. We measure myelin plasticity using reporter genes in mice and MRI techniques in humans.

1 CME, Register: go.osu.edu/CBIactivities
If you need an accommodation to access the presentation or presentation materials, email us: cbi@osu.edu