Thompson Laboratory for Regenerative Orthopaedics
“Discovering Better”

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http://thompsonlab.missouri.edu

Current Projects

• Mizzou BioJoint® Outcomes
• Novel Total Elbow Arthroplasty System
• Amnion for Improved ACL Reconstruction
• Biologic Joint Restoration vs TKA
• Biomarkers for IVD Disease
• Electromagnetic Stim for Cartilage Healing

• Enhanced BMC for Bone Healing
• Intervertebral Disc Transplants
• BioJoint Flex Knee Rehab System
• Knee Arthrometer Testing System
• Novel Scope Irrigation Solution
• Early Diagnosis of Hip Dysplasia

Last quarter’s “top 5”

1. U.S New & World Report recognizes Mizzou Ortho as high performing
2. TLRO Students represent the lab at the KC Area Life Sciences Institute Dinner
3. TLRO submits 32 scientific abstracts for 2018 Orthopaedic Research Society Meeting
4. Matthew Hirabayashi recognized for exceptional research with Dr. Emily Leary
5. TLRO’s AJSM paper on BMC for OCA healing makes international news

Thompson Lab Researchers Receive Two Coulter Program Awards

Drs. Trent Guess & Jimi Cook were awarded two Coulter Grants for their innovative healthcare technologies, MKATS and BioJoint Flex, designed to improve diagnosis and treatment of patients with knee injuries and disorders.

Thompson Lab Recognized in MU Health Magazine

Recent Pubs