Comparative Orthopaedic Lab
"Finding a joint solution"
www.columb.missouri.edu

Current Projects

• Osteoarthritis (OA) Models Comparison
• Early Diagnosis of Arthritis
• Meniscal Tissue Engineering
• Characterization of Meniscal Disease
• Novel Nutritional Treatments for OA
• Novel Rotator Cuff Repair
• Biologic Total Joint Replacement
• Regional Effects of Cartilage Damage
• Osteochondral Allograft Optimization
• ACL Pathology and Repair

Last quarter’s “top 5”
1. Dr. Stoker receives two grants from Iams
2. Data from Pfizer OA Models study collected
3. New MRI coil undergoes initial testing
4. NFL grant & 3 NIH grants submitted
5. Summer research students begin in COL

Summer Research Students
Mark Tait
Wes Kimberlin
Rachel Venable
Ashley Crawford

Meniscal Release Causes OA
A novel model of medial compartment OA
Drs. J Luther, C Cook, and J Cook

Recent Pubs