Comparative Orthopaedic Lab
“Finding a joint solution”
www.columc.missouri.edu

Current Projects

• Osteochondral Allografting in the Hip
• Fresh Meniscus-OCA Grafts
• Optimizing Allograft Tissue Preservation
• Biomarkers for Osteoarthritis
• Relationship of Vascular Disease with OA
• Stemless Shoulder Arthroplasty

• Femoral-Acetabular Impingement Model
• Models for Disc Degeneration
• In vitro Model of Traumatic Arthritis
• Safety Testing for Joint Injections
• Multi-Body Modeling of OA
• Biologic Total Joint Arthroplasty

Last quarter’s “top 5”

1. COL-MOI Team had 5 abstracts accepted for 2013 AAOS Meeting!
2. COL-MOI Team submitted 14 ORS abstracts for presentation!
3. Dr. Aaron Stoker and co-authors published their work on our new osteochondral allograft preservation system in The Journal of Knee Surgery!
4. Dr. Sam Franklin successfully completed his PhD degree in the COL!
5. Collaborative work with Dr. Clark Hung’s Laboratory on Biologic Joint Replacement published in The Journal of Knee Surgery!

Comparative Orthopaedic Laboratory’s work on Arthritis Biomarkers makes worldwide news

US News & World Report published an article in their HealthDay feature about the exciting work in the COL aimed at developing biomarkers for early diagnosis, staging, and treatment monitoring for arthritis. You can read this article about our revolutionary work at http://health.usnews.com/health-news/news/articles/2012/05/18/research-with-dogs-points-to-early-test-for-arthritis

Recent Pubs