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
• Bone Dowels for Pedicle Screw Failures
• Optimizing ACL reconstruction
• Models for Disc Degeneration
• In vitro Model of Traumatic Arthritis
• Safety Testing for Joint Injections
• Novel Osteotomy for Canine CCLD
• Biologic Total Joint Arthroplasty

Last quarter’s “top 5”

1. Dr. Jayabalan and COL team win 2013 American Association of Physiatrists Best Resident Paper Award for their research on OA Biomarkers!
2. COL Team has four new grants funded for a total of more than $1 million!
3. COL Team has five manuscripts published in elite peer-reviewed journals!
4. Dr. Cook is featured guest on national radio show, Pet Talk with Dr. B!
5. Dr. Cook is selected as the 2013 recipient of WSAVA Hill’s Pet Mobility Award!

Comparative Orthopaedic Laboratory’s research selected for 3 podium presentations at ORS

Dr. Aaron Stoker, Dr. Ferris Pfeiffer and Dr. Jimi Cook will present the results from their research at the Orthopaedic Research Society’s Annual Meeting in San Antonio, Texas, January 26-29, 2013. The titles of their presentations are:

• Analysis of Reamer Irrigator Aspirator System Aspirate Protein Content - Stoker
• Mitigating Mechanical Damage to Osteochondral Allografts during Implantation - Pfeiffer
• Clinical and Experimental Models of Cartilage Repair - Cook

Recent Pubs