



SEPTEMBER 12: 2:30PM MUSCULOSKELETAL TISSUE REGENERATION USING SCAFFOLDS & ADULT STEM CELLS

UA College of Medicine Tucson, Rm 3117

Unable to join us in person, please join via the internet: <https://streaming.biocom.arizona.edu/event/?id=28948>
- Password: UACSeminars

During the lecture, Dr. Szivek will share recent results from their work to provide a scaffold support structure that is anchored in bone and on which high-quality cartilage can be grown. For people who have osteoarthritis, there are no injectable therapies that will regenerate cartilage now or in the near future. The best hope for these patients is a scaffold-based system on which cartilage is grown. Dr Szivek will stress his preclinical work and its importance to his research.

John Szivek, PhD, Director of the Robert G. Volz, MD, Orthopedic Research Laboratory in the UA Arthritis Center. His main research interest involves understanding the relationship between physical activity and bone and cartilage formation.

According to the U.S. Centers for Disease Control and Prevention, more than 30 million Americans have Osteoarthritis

Osteoarthritis is the most common disability in adults

Current results indicate rapid tissue repair and regeneration is possible when the understanding of these interactions are used to design clinical therapies

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