

Primary PI	Project Title	Direct Sponsor	Start Date	End Date	Obligated Amount
Felix Duerr (PI), Laurie Goodrich (Co-PI)	Intra-articular gene transfer of interleukin-10: development of a new strategy for the treatment of canine osteoarthritis	Morris Animal Foundation	10/1/20	9/30/22	\$49,490
David Frisbie (PI), Myra Barrett(Co-PI), Katie Seabaugh (Co-PI)	Evaluation of minced cartilage as a method for healing cartilage defects	Smith and Nephew, Inc.	11/1/18	6/30/22	\$359,756
Laurie Goodrich (PI), David Frisbie (Co-PI), Myra Barrett (Co-PI), Christopher Kawcak (Co-PI), C. Wayne McIlwraith (Co-PI), Constance Chu (Co-PI)	Development of Diagnostic and Treatment Strategies for Post Traumatic Osteoarthritis (PTOA)	DOD-US Department of Defense	9/1/18	8/31/22	\$711,101
Laurie Goodrich (PI), Steven Dow (Co-PI)	Antimicrobial properties of equine mesenchymal stem cells: an approach to cure septic arthritis	Grayson-Jockey Club Research Foundation	5/1/19	3/30/22	\$198,056
Laurie Goodrich (PI), David Frisbie (Co-PI), Myra Barrett (Co-PI), Christopher Kawcak (Co-PI), C. Wayne McIlwraith (Co-PI)/Constance Chu (PI)	Localized Gene therapy for Prolonged Anti-inflammatory Treatment to Prevent or Delay PTOA in an Equine Model	Stanford University (DOD-US Department of Defense)	1/15/20	8/31/22	\$952,862
Laurie Goodrich (PI), Steven Dow (Co-PI), Lynn Pezzanite (Co-PI)	The temporal course of the cytokine, immune and transcriptomic response in osteoarthritis progression	The Foundation for The Horse	11/1/20	10/31/22	\$19,660
Laurie Goodrich (PI), Jeremiah Easley (Co-PI)	Evaluation of the use of small novel compounds KMN 159 and KMN 224, as osteogenic inducers in horse and sheep cultures	Cayman Biomedical Research Institute	11/16/20	11/15/22	\$74,757
Laurie Goodrich (PI), Lauren Smanik (Co-PI), Kurt Selberg (Co-PI), Chris Kawcak (Co-PI)	Computed Tomography versus Radiographs Guidance for Internal Fixation of Central Tarsal Bone Fractures in Non-Racing Horses	American College of Veterinary Surgeons	6/1/21	5/30/22	\$10,000
Laurie Goodrich (PI), Brad Nelson (Co-PI), Kirk McKilvrey (Co-PI), Ben Gadomski (Co-PI)	Comparison of Fresh to Cryopreserved Human Osteochondral Allografts (COCA): Characterization of Cellular, Biomechanical and Structural Markers Over Fresh and Extended Storage Conditions	AlloSource	8/1/21	12/31/23	\$151,852
Laurie Goodrich (PI), Brian Johnstone (Co-PI), Parvathy Thampi (Co-PI)	Effect of donor age on the functionality of equine articular chondroprogenitor cells	American Quarter Horse Association	10/1/21	9/30/22	\$20,000
Laurie Goodrich (Mentor), Bethany Liebig (PI), John Kisiday (Co-PI)	Evaluation of persistence of chondrocytes or mesenchymal stromal cells after intra-articular injection	The Foundation for The Horse	1/1/22	12/31/22	\$19,704
Laurie Goodrich (PI), Parvathy Thampi (Co-PI), Brian Johnstone (Co-PI), Steven Dow (Co-PI), Linda Chow (Co-PI)	Immunomodulatory effects of equine chondroprogenitor cells in an animal model of osteoarthritis	Hong Kong Jockey Club Research Foundation	4/1/22	3/30/23	\$37,935
Laurie Goodrich (Co-PI), Erin Contino (Co-PI)	Prospective clinical trial: Evaluation of autologous protein solution (APS) as an anti-inflammatory therapeutic for adult horses with naturally-occurring lameness isolated to the medial femorotibial j	Zoetis	1/1/22	12/1/25	\$315,844
Kevin Haussler (PI), Melissa King (Co-PI), Melinda Story (Co-PI)	Evaluation of Diathermy for the Treatment of Neck Pain and Stiffness in Horses	INDIBA	7/1/19	7/31/21	\$25,000
Christopher Kawcak (PI), C. Wayne McIlwraith (Co-PI), Frances Peat (Co-PI), Kurt Selberg (Co-PI), David Frisbie (Co-PI)	Thoroughbred Sales Radiology-Ultrasonography Study	Grayson-Jockey Club Research Foundation	4/1/18	7/1/22	\$144,577
Christopher Kawcak (PI), MC Duff (Co-PI), Xiaochuan Pan (Co-PI), Emil Sidky (Co-PI), Kurt Selberg (Co-PI), Holly Stewart (Co-PI), C. Wayne McIlwraith (Co-PI)	Development of Limited View 3D imaging for the equine distal limb	Grayson-Jockey Club Research Foundation	4/1/18	3/31/22	\$198,836
Christopher Kawcak (PI), Brad Nelson (Co-PI), Holly Stewart (Co-PI), Kelly Zersen (Co-PI), Kurt Selberg (Co-PI)	Validation of an innovative contrast subtraction technique to detect equine bone marrow lesions using CT	The Foundation for The Horse	10/1/20	12/31/22	\$19,981
Christopher Kawcak (PI), Lauren Smanik (Co-PI), Kurt Selberg (Co-PI), Holly Stewart (Co-PI)	Development of an experimental model of palmar osteochondral disease in the horse: a pilot study	Grayson-Jockey Club Research Foundation	4/1/22	3/31/23	\$15,002
John Kisiday (PI)	Characterizations of mesenchymal stromal cell properties of canine culture-expanded articular chondrocytes	American Kennel Club Canine Health Foundation, Inc.	3/1/21	2/28/22	\$14,973
John Kisiday (PI), Laurie Goodrich (Co-PI), Berthany Liebig (Co-PI)	Comparing the immunomodulatory potency of equine culture-expanded articular chondrocytes	American Quarter Horse Association	10/1/21	9/30/22	\$20,000
Brad Nelson (PI), Ben Gadomski (Co-PI), Christopher Kawcak (Co-PI), Kirk McGilvray (Co-PI), Tom O'Brien (Co-PI)	Comparison of the Osteocentric bone screw fastener to the AO buttress screw in an ex vivo model of equine midbody proximal sesamoid bone fracture repair	American College of Veterinary Surgeons	5/1/21	5/1/22	\$14,811