



Projects Funded In California

University of California - Davis

Pre-1995

Biology And Biochemistry Of Equine Relaxin

Characterization Of Lamellar Disorders In Racing Thoroughbreds

Digital Hemodynamics Acute Laminitis

Endocrine Regulation Of Testicular Function In The Stallion

Infestation Pathogenesis And Molecular Characterization Of Equine Arteritis Virus

Inhibiting The Pulmonary Intravascular Response To Endotoxin

Investigations Of Mechanism For Pulmonary Hemorrhage In Exercising Horses

Neuroendocrine Control Of Reproduction In The Horse

Physiology Of Relaxin In The Mare

Postnatal Growth And Development Of The Equine Respiratory System

Prostaglandin Release

Pulmonary Blood Flow And Gas Exchange In Exercised-Induced Pulmonary Hemorrhage

Pulmonary Blood Flow Diversion In Response To Regional Hypoxia In The Pony

A Characterization Of Sperm Function In Vivo And Its Relationship To Subfertility

The Effect Of "Bucked Shins" On Stimulation Of Remodeling In Equine Cortical Bone

1995 Case-Control Study Of Risk Factors For Fatal Musculoskeletal Injuries In Racehorses

1995 Metacarpal Fusion: Progression, Diagnosis And Biomechanical Consequences

1995 Hoof Balance And Shoeing Factors Associated With Fatal Musculoskeletal Breakdown

1997 Evaluation Of Anti-Protozoal Therapies Used To Treat Equine Protozoal Myeloencephalitis

1997 Genetic Diversity Of Equine Arteritis Virus During Persistent Infection Of Stallions

1997 Production Of Equine Inhibin Reagents For Research And Diagnostic Use

1997 Shoe Wear Patterns As Indicators Of Increased Risk Of Catastrophic Injury Of Racehorses

1998 Genetic Diversity Of Equine Arteritis Virus During Persistent Infection Of Stallions

1999 A Dynamometric Horseshoe For Assessing Forces Associated With Racing Surfaces

2000 Role Of DI Particles In Persistent EAV Infection Of Stallions

2001 Does Suspensory Apparatus Injury Increase Risk For Metacarpal Condylar Fracture

2002 Production & Efficacy Of Recombinant Equine Bonadotropins

2003 Response Of Foals To Vaccination Against West Nile Virus

2004 Efficacy Of Recombinant Equine Gonadotropins

2004 Epidemiology Of Proximal Sesamoid Fractures

2005 Effects Of Dirt, Turf & Polytrack Racing Surfaces On Hoof Loads

2007 Effect Of Angioses And Aspirin On Mare Uterine Perfusion

2010 Race Surface Optimization For Fetlock Injury Prevention

2011 Cell & Growth-Factor Dependent Tenogenesis

2011 Use Of Recombinant Equine FSH In Anestrous Mares

2013 Effect Of CYP2D Genetic Polymorphisms On Drug Metabolism

2014 Characterization Of Intra-Articular Isoflupredone

2014 Optimization Of Racetrack Surface Properties

2015 Efficacy Of Furosemide Dosed 4- Vs 24-Hours PR

2016 Pet Imaging Of The Equine Distal Limb

2016 Training And Surfaces For Injury Prevention

2016 Unraveling Complex Traits By Defining Genome Function Part 1

2018 Unraveling Complex Traits By Defining Genome Function Part 2

2019 Standing Pet Of The Racehorse Fetlock

2019 Training Programs For Prevention Of Fetlock Injury

- 2022 Motion Of The Proximal Sesamoid Bones On Uneven Footing
- 2022 Equine Placentitis: New Approaches To An Old Problem
- 2023 PET MRI Sport Horse Fetlock
- 2023 Validation of Biomarkers for Equine Neurodegeneration
- 2025 Organoid Model For Equine Placentitis Research
- 2025 Pharmacokinetics And Efficacy Of Pregabalin In Horses
- 2025 Genetics Of Cervical Spine Malformations In The Horse
- 2026 Definitive Antemortem and Postmortem Diagnostics for NAD