



Grayson-Jockey Club Research Foundation

Projects Funded In Michigan

Michigan State University

Pre-1995

Functional Anatomy Of Peptide Mediation Of Inflammation In Equine Osteoarthritis
Osteoarthritis: Modulation By Neural Interactions With The Synovial Membrane
Treatment Of Equine Left Laryngeal Hemiplegia Using A Neuromuscular Pedicle Graft

- 1997 The Effect Of 4-Point Trimming On The Strain Pattern Of Normal And Laminitic Equine Hooves: An In Vitro Experimental Study Using Photoelastic Stress Analysis
- 1997 Cyclooxygenase & Matrix Metalloprotease Interactions In Chondrocytes & Synoviocytes
- 1999 Neuromuscular Basis For Dorsal Displacement Of The Soft Palate
- 2000 Hoof Wall Epidermal Laminae: Adaptive Response To Stress
- 2000 The Effect Of The Hyoepiglotticus Muscle On The Epiglottis In The Horse
- 2001 Basis For The Pharmacologic Treatment Of Flexural Deformities
- 2002 Effect Of Airway Inflammation And Mucus On Racehorse Performance
- 2003 Significant Contributions To Hoof & Sole By Lamina & Bars
- 2003 Molecular Epidemiology & Evolution Of Sarcocystis Neurona, Agent Of EPM
- 2003 Chondroprotection For Impacted Equine Cartilage Explants
- 2005 Blood-Induced Pulmonary Fibrosis In Horses
- 2005 Development Of A Maintenance Fluid For Horses
- 2006 Environmental Particulates And Airway Mucus In Racehorses
- 2010 Pulmonary Vein Remodeling In EIPH
- 2010 Ethyl Pyruvate & Endotoxemia In Horses
- 2012 Pulmonary Microvascular Function And EIPH

- 2013 Development Of Alternative Models To Study EHM
- 2015 Mapping Pulmonary Venous Occlusion In EIPH
- 2017 Synovial Oxylipid Profiles: Role Of Omega-3 Fatty Acids
- 2017 Ethyl Pyruvate Improves Survival In Large Colon Volvulus
- 2018 Host Factors Involved In EHM Pathogenesis And Latency
- 2018 Underlying Cause Of Recurrent Exertional Rhabdomyolysis
- 2020 Novel Treatment For Recurrent Exertional Rhabdomyolysis
- 2023 Use Of Nucleic Acid Vaccines To Protect From EHV-1/EHM
- 2026 Use of equine IFNL3 mRNA for prevention of EHV-1 and EHM