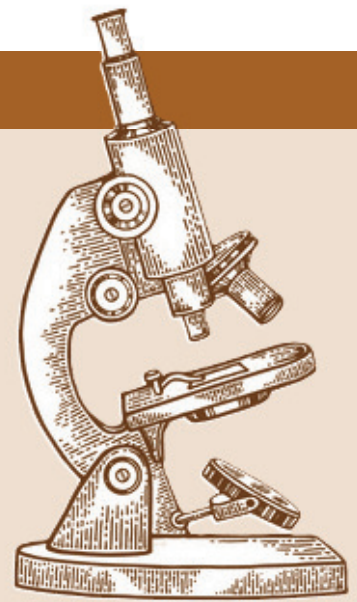


OTHER STUDIES

Other studies include equine genetic and pharmacological research, which focuses on personalizing veterinary care through genomic insights, ensuring sport integrity in racing and identifying hereditary diseases.

Genetic research has transitioned from simple trait mapping to advanced functional genomics and complex disease identification.

Pharmacological research increasingly looks at how a horse's genetic makeup affects its response to medication (pharmacogenomics).



Genetics Of Cervical Spine Malformations In The Horse

Carrie Finno, University of California-Davis

This study will identify genetic causes for abnormal formation of the cervical spine in horses.

Characterization of Antibodies Against Equine IL-31

Rosanna Marsela, University of Florida

This proposal aims to develop a new treatment for equine insect bite hypersensitivity (IBH) by targeting a key itch mediator, providing an alternative to steroids.

Pharmacokinetics And Efficacy Of Pregabalin In Horses

Heather Knych, University of California-Davis

The study seeks to investigate the behavior of an analgesic agent approved for use in humans for the treatment of persistent pain, as a first step in assessing the utility of this drug for pain control in horses.



Dr. Carrie Finno, like many of our equine researchers, has a personal as well as professional connection to horses.

Pharmacology, radiology, and DNA mapping are just a few of the many types of research studies that would fall into this category.



ECG Findings And Performance In Thoroughbred Racehorses

Sian Durward-Akhurst, University of Minnesota
This study will use ECGs to improve diagnosis of cardiac-related poor performance allowing for increased monitoring to reduce the frequency of exercise-associated sudden death in Thoroughbred racehorses.

Definitive Antemortem And Postmortem Diagnostics For NAD

Carrie Finno, University of California-Davis
The goal of this study is to develop diagnostic tests for eNAD/EDM.

Is Gastric Hyperacidity Significant In Horses?

Allison Stewart, The University of Queensland
By investigating rebound acid hypersecretion in horses, this research would fill a critical knowledge gap and set foundations for improvement of management and anti-ulcer treatment practices.



Photo: Anne M. Eberhardt