



## Grayson-Jockey Club Research Foundation

### Projects Funded In Texas

#### Baylor College of Medicine

- 2020 Passive Immunization Of Foals With RNA-AB Against R Equi- Part 1
- 2021 Passive Immunization Of Foals With RNA-AB Against R Equi- Part 2
- 2026 Immunoepitidomic Profiling of R. equi Infections

#### Texas A & M University

- 1999 Myometrial CA2+ Signaling In Mares With Persistent Endometritis
- 2001 Semen Lipid Analysis In Stallions With Unexplained Subfertility
- 2001 Mares With Delayed Uterine Clearance: Is Nitric Acid Involved?
- 2004 Are Mares A Source Of Rhodococcus Equi For Their Foals?
- 2005 Gallium Therapy To Control Rhodococcus Equi Pneumonia
- 2006 Role Of Y-Chromosome Factors In Regulating Stallion Fertility
- 2007 Control Of Rhodococcus Equi Pneumonia Using Gallium
- 2013 Gallium: An Alternative To Macrolides Against R Equi?
- 2014 R Equi Pneumonia: Can A Novel Vaccine Protect Foals?
- 2015 A Guinea Pig Model Of Rhodococcus Equi Pneumonia
- 2016 Host-Directed Control Of R Equi Foal Pneumonia Part 1
- 2016 A Novel Vaccine Against Equine Strangles
- 2017 R Equi Pneumonia: Does The Magnitude Of Airborne Exposure Predict Disease Development?
- 2018 Host-Directed Control Of R Equi Foal Pneumonia Part 2
- 2019 Non-Invasive Evaluation Of Host-Microbiota Interactions
- 2020 Anti-Pnag Plasma For Preventing R Equi Foal Pneumonia
- 2021 Developing An Improved Serological Test For Strangles

- 2022 Immunogenicity In Foals Of An Mrna Vaccine For R. Equi
- 2022 Trained Immunity In Foals
- 2022 Novel Strangles Vaccine Using Cd40-Targeted Delivery
- 2022 Does Antibiotic Treatment Change The Microbial Resistome
- 2023 A VapA mRNA Vaccine For R. equi Pneumonia
- 2023 Genomics Of Thoroughbred Stallion Subfertility
- 2024 Novel Protein Targets For R. equi Serology And Vaccines
- 2024 Role Of C1q In Rhodococcal Infection
- 2025 Improving A VapA mRNA Vaccine for R. equi In Foals
- 2026 Tendon Elastin and Lubricin: Biology and Mechanics

## **Texas Tech**

- 2026 Rapid Diagnostic Tools for Contagious Equine Metritis